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The Faculty Notebook, September 2012

Provost's Office
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The Faculty Notebook, September 2012

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

Provost's Office, Faculty Publishing, Academic Publishing, Academic Achievement, Gettysburg College

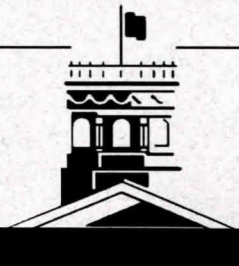
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The FACULTY Notebook

VOLUME XVIII, NO. 1

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PUBLICATIONS

Yasemin Akbaba, Associate Professor of Political Science, with co-author Jonathan Fox, published "Religious Discrimination against Muslim Minorities in Christian Majority Countries: A Unique Case?" in *Politics, Religion & Ideology* 12.4 (2011): 449–470. Previous research on Muslims in Christian majority states either focuses exclusively on Muslims or assesses public opinion concerning Muslims and/or religious minorities but does not assess cross-national trends comparing Muslims and non-Muslims. This study compares the extent of religious discrimination against Muslim minorities in Christian majority countries to the treatment of other religious minorities in the same countries as well as to the treatment of religious minorities in non-Christian countries.

Akbaba, with co-authors Ani Sarkissian and Jonathan Fox, published "Culture vs. Rational Choice: Assessing the Causes of Religious Discrimination in Muslim States" in *Nationalism and Ethnic Politics* 17.4 (2011): 423–446. As few theories exist to explain the causes of religious discrimination, this study compares theories related to general religion-state relations based on ideology, culture, and rational choice. We find that while political and structural factors are important in explaining variation in levels of discrimination across Muslim countries, ideational factors may help to explain why certain minority groups appear to be targeted more than others within individual countries.

Jonathan D. Amith, Research Associate in Anthropology, with co-authors Christian DiCanio, H. Timothy Bunnell, Rey Castillo Garcia, Hosung Nam, and Douglas H. Whalen, published "Assessing Agreement Level between Forced Alignment Models with Data from Endangered Language Documentation Corpora" in *Proceedings of InterSpeech* (Portland: 1.4. 2012). The authors used Yolochochitl Mixtec elicitation material developed as part of Amith's National Science Foundation grant to test the ability of automated tools for phonetic segmentation to match hand-labeled segmentation. The success achieved by the automated alignment suggests that even the relative small sets of materials produced by language documentation efforts may be effectively labeled through automated processes.

Kathy R. Berenson, Assistant Professor of Psychology, with co-authors Karin G. Coifman, Eshkol Rafaeli, and Geraldine Downey, published "From Negative to Positive and Back Again: Polarized Affective and Relational Experience in Borderline Personality Disorder" in *Journal of Abnormal Psychology* 121.3 (2012): 668–679. This study investigates borderline personality disorder (BPD) in terms of polarized (all-good vs. all-bad) experiences of relationships and affects. Results show greater relational and affective polarity in adults with BPD than in healthy ones, and indicate associations between increases in polarity with increased reports of interpersonal stress and harmful impulsive behavior.

Michael J. Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, edited the volume *Prosperity Far Distant: The Journal of an American Farmer, 1933–1934*, by Charles M. Wiltse (Athens, Ohio: 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.

Philip Bobko, Professor of Management and Psychology, with co-authors **Heather N. Odle-Dusseau, Assistant Professor of Management**, and 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 (2012): 331-343. This study demonstrates that compatibility between the time individuals desire to spend in the family domain and the time they actually spend in the family domain relates to work-family balance, well-being, and organizational commitment. However, the total hours spent in the work domain, and not the compatibility between desired and actual time, better predicts work-family balance, stress, and depression.

William D. Bowman, Professor of History, published "Hakoah Vienna and the International Nature of Interwar Austrian Sports" in *Central European History* 44.4 (2011): 642-668. This article explores the participation of Austrian Jewish athletes in international competitions in the years between the world wars. In particular, it develops the history of Hakoah Vienna, the largest and most important Jewish sports club in interwar Europe, within the context of the Olympic Games, the Maccabiah games, and other international competitions and events.

Josef Brandauer, Assistant Professor of Health Sciences, with co-authors **Eric Noreen, Associate Professor of Health Sciences**, **Kristin J. Stuempfle, Professor and Co-Chair of Health Sciences**, James G. Buckley, and Stephanie L. Lewis, published "The Effects of an Acute Dose of Rhodiola Rosea on Endurance Exercise Performance" in *Journal of Strength and Conditioning Research* (May 24, 2012, e-publication prior to print). In this study we found that acute ingestion of the herb Rhodiola Rosea decreased the perception of effort during exercise, which allowed the subjects to exercise harder when they took the Rhodiola Rosea compared to a placebo.

Gerardo L. F. Carfagno, Visiting Assistant Professor of Biology, with co-authors Patrick J. Weatherhead, Jinelle H. Sperry, and Gabriel Blouin-Demers, published "Latitudinal Variation in Thermal Ecology of North American Ratsnakes and its Implications for the Effect of Climate Warming on Snakes" in *Journal of Thermal Biology* 37.4 (2012): 273-281. The authors show that despite numerous differences among populations of ratsnakes across a latitudinal gradient of >1500 km, overall behavioral thermoregulation was surprisingly similar. These results suggest that the snakes' ability to respond to climate warming will be determined largely by their capacity to adjust timing of activity.

Paul J. Carrick, Adjunct Professor of Philosophy, published "Aldo Leopold's Concept of Land Health: Implications for Sound Public Health Policy" in *Human Health and Ecological Integrity: Ethics, Law, and Human Rights*, edited by Laura Westra, Colin Soskolne, and Donald Spady (Toronto: Francis and Taylor Press, 2012). I show that the late American ecologist and philosopher Aldo Leopold's concept of 'land health,' connects his holistic understanding of man and nature to core principles of public health policy at the center of today's global health concerns, e.g., world hunger, pandemics, sanitation.

Amy B. Dailey, Assistant Professor of Health Sciences, with co-authors Babette A. Brumback and Zheng W. Hao, 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.

Daniel R. DeNicola, Professor of Philosophy, published *Learning to Flourish: A Philosophical Exploration of Liberal Education* (New York and London: Continuum [Bloomsbury], 2012) (<http://www.continuumbooks.com/books/detail.aspx?BookId=162412&SearchType=Basic>). Through an examination of many of its advocates and critics, this philosophical work develops a theory of liberal education as a vital tradition of educational theory and practice aimed at a flourishing life. DeNicola explores the dynamism of this tradition through five competing and complementary paradigms, core values, the place of intrinsic value, and both perennial and recent threats. (NOTE: The book is published both in paperback and hardback editions.)

Veronica A. Dexheimer, Adjunct Assistant Professor of Physics, with co-authors Rodrigo Negreiros and Stefan Schramm, published “Quark Core Impact on Hybrid Star Cooling” in *Physical Review C* 85 (2012): 035805. In this paper we investigate the thermal evolution of hybrid stars, objects composed of a quark matter core, enveloped by ordinary hadronic matter. Our purpose is to investigate how important the microscopic properties of the quark core are to the thermal evolution of the star.

Dexheimer, with co-authors Stefan Schramm, Rodrigo Negreiros, Jan Steinheimer, and Torsten Schurhoff, published “Properties and Stability of Hybrid Stars” in *Acta Physica Polonica B* 43.4 (2012): 749-758. We discuss the properties of neutron stars and their modifications due to the occurrence of hyperons and quarks in the core of the star. More specifically, we consider the general problem of exotic particles inside compact stars in light of the observed two-solar mass pulsar.

Felicia M. Else, Associate Professor of Art and Art History, published “Horses of a Different Colour: *Marmo Mischio* and Ammannati’s Remarkable Chariot of Neptune” in *Sculpture Journal* 21.1 (2012): 27-41. This article explores the iconography of the four-horse chariot in 16th century Florentine public art and the significance behind the application of multi-colored marble in Ammannati’s Neptune Fountain in Florence.

Peter P. Fong, Professor of Biology, with student co-author **Caitlin Hoy (‘11)**, published “Antidepressants (Venlafaxine and Citalopram) Cause Foot Detachment from the Substrate in Freshwater Snails at Environmentally Relevant Concentrations” in *Marine Behaviour and Physiology* 45.2 (2012): 145-153. The paper shows that human antidepressants at environmental concentrations can have potentially lethal effects on ecologically important freshwater snails by inducing them to detach from their substrate.

Fong, with student co-author **Nikolett Molnar (‘07)**, published “Toxic Effects of Copper, Cadmium, and Methoxychlor Shown by Neutral Red Retention Assay in Two Species of Freshwater Molluscs” in *Open Environmental Pollution and Toxicology Journal* 3 (2012): 65-71. The paper shows the disruptive effects of the toxicant metals copper and cadmium, and the pesticide methoxychlor on common freshwater molluscs from Adams County, PA.

Sandra K. Gill, Associate Professor of Sociology, published “Recalling a Difficult Past: Whites’ Memories of Birmingham” in *Sociological Inquiry* 82.1 (2012): 29-41. This article examines the intersection between collective memory and autobiographical memory through in-depth interviews with twenty whites who came of age in the midst of key events in the Civil Rights Movement in Birmingham, Alabama. The article explores the process through which they have been able to renarrativize their pasts to forget memories that link them with the ideology of segregation and to reconstruct the self to be usable in the present.

Steven J. Gimbel, Associate Professor of Philosophy, published *Einstein's Jewish Science: Physics at the Intersection of Politics and Religion* (Baltimore: Johns Hopkins University Press, 2012). The Nazis tried to denigrate Einstein's theory of relativity by labeling it "Jewish science." But what does "Jewish science" mean and is there any sense in which it may be true?

Darren B. Glass, Associate Professor of Mathematics, published "Non-Genera of Curves with Automorphisms in Characteristic P" in *Computational Algebraic and Analytic Geometry—Contemporary Mathematics*, Vol. 572 (Providence, RI: American Mathematics Society, 2012), 89-95. This paper continues my work looking at the relationships between the symmetries of a curve and invariants such as the p-rank and genus.

Allen C. Guelzo, Professor of Civil War Era Studies, published *Fateful Lightning: A New History of the Civil War and Reconstruction* (New York: Oxford University Press, 2012). A survey history of the era of the Civil War and Reconstruction.

Brian M. Jordan, Adjunct Instructor of Civil War Era Studies, published "Fighting for South Mountain" in *Civil War Monitor* 2.2 (2012): 52-59, 77-78. The article traces how veterans of the 1862 battle of South Mountain, Maryland, remembered this forgotten engagement as a crucial moment of Lee's first invasion of the north.

Jordan published *Unholy Sabbath: The Battle of South Mountain in History and Memory* (New York: Savas-Beatie, 2012). The book places the battle of South Mountain, Maryland, into its proper political, diplomatic, and strategic context and, relying on the memories of Union veterans, argues that it was a crucial turning point in the 1862 Maryland Campaign.

James Matthew Kittelberger, Assistant Professor of Biology, with co-author Andrew H. Bass, wrote "Vocal-Motor and Auditory Connectivity of the Midbrain Periaqueductal Gray in a Teleost Fish" in *Journal of Comparative Neurology* (2012). doi:10.1002/cne.23202. The midbrain periaqueductal gray (PAG) plays a central role in the control of vocalization across vertebrates, including teleost fish. Here, we demonstrate extensive connectivity between the PAG and a number of known auditory areas and vocal-motor structures in the brain of a vocal fish, the plainfin midshipman. Our findings support the hypothesis that the teleost PAG is centrally involved in auditory-vocal integration, and reveal the anatomical network engaged in this integration.

Daniel D. McCall, Associate Professor of Psychology, with co-authors R. Bruce Thompson and Thomas Cothran, published "Gender and Age Effects Interact in Preschoolers' Help-Seeking: Evidence for Differential Responses to Changes in Task Difficulty" in *Journal of Child Language* (2012, online). doi:10.1017/S030500091100047X. This study compared preschool boys' and girls' tendency to ask for help while completing a challenging puzzle. We report that when the task became more difficult, girls (especially the older preschoolers) tended to ask for help more than boys, despite performing equal to boys. We discuss the results in the context of gender differences in socio-linguistic maturation.

Brian P. Meier, Associate Professor of Psychology, with co-authors Ulrich W. Weger, Nic Hooper, and Timothy Hopthrow, published "Mindful Maths: Reducing the Impact of Stereotype Threat Through a 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.

Kaoru Miyazawa, Assistant Professor of Education, published "The More She Longs for Home, the Farther Away It Appears: A Paradox of Nostalgia in a Fulani Immigrant Girl's Life" in *Journal of Curriculum Theorizing* 28.1 (2012): 59-73. This article is written based on a three-year study on first-generation immigrant girls' future aspirations and memory in New York City.

Miyazawa published “Testimonies by Critical Scholars about Ward Churchill’s and Antonia Darder’s Keynote Speeches” in *A Decolonizing Encounter: Ward Churchill and Antonia Darder in Dialogue*, edited by Pierre W. Orelus, part of the *Studies in the Postmodern Theory of Education* series (New York: Peter Lang Publishing, 2012). This is a response to Ward Churchill’s and Antonia Darder’s speeches at the Post-Colonial Special Interest Group’s reception at the 2011 annual meeting of American Educational Research Association Conference in New Orleans.

Salma B. Monani, Assistant Professor of Environmental Studies, with Stephen Rust and Sean Cubitt, edited *Ecocinema Theory and Practice* (New York: Routledge, 2012). This is the first collection of its kind—an anthology that offers a comprehensive introduction to the rapidly growing field of eco-film criticism, a branch of critical scholarship that investigates cinema’s intersections with environmental understandings. It references seminal readings through cutting edge research and is designed as an introduction to the field as well as a sourcebook.

Monani published “Environmental Film Festivals: Beginning Explorations at the Intersections of Film Festival Studies and Ecocinema Studies,” in *Ecocinema Theory and Practice*, edited by Stephen Rust, Salma Monani, and Sean Cubitt (New York: Routledge, 2012). This paper 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.

Eric E. Noreen, Associate Professor of Health Sciences, with staff co-authors **Josef Brandauer, Assistant Professor of Health Sciences**, and **Kristin Stuempfle, Professor and Co-Chair of Health Sciences**, and student co-authors **James Buckley (‘09)** and **Stephanie Lewis (‘09)**, published “The Effects of an Acute Dose of Rhodiola Rosea on Endurance Exercise Performance” in *Journal of Strength and Conditioning Research* (May 24, 2012, e-publication prior to print). In this study we found that acute ingestion of the herb Rhodiola Rosea decreased the perception of effort during exercise, which allowed the subjects to exercise harder when they took the Rhodiola Rosea compared to a placebo.

Heather N. Odle-Dusseau, Assistant Professor of Management, with co-authors **Philip Bobko, Professor of Management**, and Thomas W. Britt, published “Work-Family Balance, Well-Being, and Organizational Outcomes: Investigating Role Compatibility with Individual Life Values” in *Journal of Business and Psychology* 27 (2012): 331-343. This study demonstrates that compatibility between the time individuals desire to spend in the family domain and the time they actually spend in the family domain relates to work-family balance, well-being, and organizational commitment. However, the total hours spent in the work domain, and not the compatibility between desired and actual time, better predicts work-family balance, stress, and depression.

Odle-Dusseau, with co-authors Thomas W. Britt, Eric S. McKibben, Tiffany M. Greene-Shortridge, and Hailey A. Herleman, published “Self Engagement Moderates the Mediated Relationship between Organizational Constraints and Organizational Citizenship Behaviors via Rated Leadership” in *Journal of Applied Social Psychology* 42 (2012): 1830-1846. Results of this study showed that when employees were highly engaged in their work and experienced organizational constraints in performing their jobs, they viewed their leaders as less effective, which in turn resulted in them exhibiting fewer organizational citizenship behaviors.

Odle-Dusseau, with co-authors Thomas W. Britt and Tiffany M. Greene-Shortridge, published "Organizational Work Resources as Predictors of Job Attitudes and Performance: The Process of Work-Family Enrichment" in *Journal of Occupational Health Psychology* 17 (2012): 28-40. This study showed that when employees perceived their supervisors as being family-supportive, this increased their perceptions of work-family enrichment, which resulted in higher organizational commitment, intention to leave the organization, and higher job performance.

Odle-Dusseau, with co-authors Chad H. Van Iddekinge, Philip L. Roth, and Patrick H. Raymark, published "The Critical Role of the Research Question, Inclusion Criteria, and Transparency in Meta-Analyses of Integrity Test Research: A Reply to Harries et al. (2012) and Ones, Viswesvaran, and Schmidt (2012)" in *Journal of Applied Psychology* 97 (2012): 543-549. This article is a reply to critiques of an article we previously published on the validity of integrity tests. The reply emphasizes the importance of ethics, quality of data inclusion, and clarifying the research question when conducting a meta-analysis.

Voon Chin Phua, Associate Professor of Sociology, with student co-authors **Douglas Berkowitz ('10)** and **Melissa Gagermeier ('10)**, published "Promoting Multicultural Tourism in Singapore" in *Annals of Tourism Research* 39.2 (2012): 1255-1257. This research note examines the concept of multicultural tourism in Singapore through analysis of guidebooks on the country.

Karen C. Pinto, Assistant Professor of History, published "Searchin' His Eyes, Lookin' for Traces: Piri Reis's World Map of 1513 and its Islamic Iconographic Connections (A Reading Through Bagdat 334 and Proust)" in *Journal of Ottoman Studies* 39.1 (2012): 63-94. The remnant of the 1513 world map of the Ottoman corsair (and later admiral) Muhiddin Piri, aka Piri Reis, with its focus on the Atlantic and the New World, can be ranked as one of the most famous and controversial maps in the annals of the history of cartography. Following its discovery at Topkapi Palace in 1929, this early modern Ottoman map has raised baffling questions regarding its *fons et origo*. Some scholars posited ancient sea kings or aliens from outer space as the original creators, while the influences of Columbus's own map and early Renaissance cartographers have tantalized others. One question that remains unanswered is how Islamic cartography influenced Reis's work. This paper presents hitherto unnoticed iconographical connections between the classical Islamic mapping tradition and the Reis map.

Utz Rachowski, Writer-in-Residence in German, with translator **Michael Ritterson, Professor Emeritus of German**, published "Interior" in *F&M Alumni Arts Review* 1 (2012): 64-65. This poem, from a 1995 collection by Rachowski, appeared with a facing-page translation by Ritterson in the inaugural issue of the arts review from Franklin & Marshall College.

Rachowski, with translator **Ritterson**, published "The Wild Huntsman (A Message for the Semi-Educated Classes)" in *The Literary Review* 55.2 (2012): 27-38. This story of youth, family, and homeland was originally published in German in 2006.

Carol R. Rinke, Assistant Professor of Education, with co-author Lynnette Mawhinney, published "Reconsidering Rapport with Urban Teachers: Negotiating Shifting Boundaries and Legitimizing Support" in *International Journal of Research and Method in Education* (2012): 1-14. This article aims to complicate the notion of rapport in qualitative research. Drawing upon a reflexive analysis of three ethically challenging moments with urban teachers, it raises questions about the place of support in educational research.

Michael Ritterson, Emeritus Professor of German, translating **Utz Rachowski, Writer-in-Residence in German**, published "Interior" in *F&M Alumni Arts Review* 1 (2012): 64-65. This translation of the poem "Intérieur," from a 1995 collection by Rachowski, appears in the inaugural issue of the arts review at Franklin & Marshall College.

Ritterson translated **Rachowski**, “The Wild Huntsman (A Message for the Semi-Educated Classes),” in *The Literary Review* 55.2 (2012): 27-38. Rachowski was Writer-in-Residence in the Department of German Studies in spring 2012. This story of youth, family, and homeland was originally published in German in 2006.

Ritterson, with Alison E. Martin and Erich Lehmann, translated, co-translated, or revised each of the two novellas and one story in Wilhelm Raabe, *German Moonlight; Höxter und Corvey; At the Sign of the Wild Man*, edited by Florian Krabb (London: Modern Humanities Research Association, 2012). The two novellas and one story in this collection all date from the years 1873-1875. The story “German Moonlight” was first translated by a Gettysburg College student collaborative in 2007 and published in 2009.

Ritterson translated seven poems by Angela Krauß, published in *International Poetry Review* 38.1 (2012): 30-39. Leipzig novelist and poet Krauß selected these poems from her collection *Ich muss mein Herz üben* (2009) for the *IPR*’s special “Voices in German” issue. This is the second time my translations of her poetry have appeared in that journal (previously in 2005).

Virginia E. Schein, Emerita Professor of Management and Psychology, published “Women, Work and Poverty: Reflections on Research for Change” in *Humanitarian Work Psychology* (Hampshire, UK: Palgrave Macmillan, 2012), edited by Stuart C. Carr, Malcolm MacLachlan, and Adrian Furnham. The chapter describes a new research approach—social advocacy research—and presents it as a good fit with the poverty and social change interests of the emerging field of humanitarian work psychology. Based on examples from her research studies of low income women in the US and Nicaragua, Schein illustrates the key features of social advocacy research. These characteristics include experiential idea generation, compassion in context, and research for change.

Megan Adamson Sijapati, Assistant Professor of Religious Studies, published “The National Muslim Forum Nepal and a Nepali Muslim ‘Nation’” in *Nationalism and Ethnic Conflict: Identities and Mobilization After 1990*, edited by Mahendra Lawoti and Susan Hangen (London: Routledge, 2011). This chapter analyzes a contemporary Muslim organization’s concept of community and its relationship with the nation. The essay draws upon original field research in Nepal.

Carolyn S. Snively, Professor of Classics, with co-authors Goran Sanev and Mihail Stojanovski, published “Excavations on the Northern Terrace at Golemo Gradište, Konjuh, 2007-2010” in *Macedoniae Acta Archaeologica* 20 (2011): 347-364. This article serves as the preliminary excavation report for the activities carried out during those four seasons.

Snively published “The Episcopal Basilica, the Via Sacra, and the Semicircular Court at Stobi, R. Macedonia” in *Niš and Byzantium* X (2012): 185-200. This article is a discussion of the west end of the Episcopal Basilica at Stobi and the relation of that church with the street that provides access to the church and a semicircular plaza on the other side of the street.

Barbara A. Sommer, Associate Professor of History, published “Why Joanna Baptista Sold Herself into Slavery: Indian Women in Portuguese Amazonia, 1755-1798” in *Slavery & Abolition: A Journal of Slave and Post-Slave Studies* (2012): 1-21. This article probes Joanna Baptista’s motives and situates her actions not only in the milieu of slaveholding Brazil, but also in the more specific context of Portuguese Amazonia during the Directorate, when Indians faced forced resettlement and increased labor demands. Joanna’s case and contemporary petitions demonstrate how women of Indian and mixed descent, especially single women, widows and orphans, used legal means to defend their autonomy.

Deborah A. Sommer, Associate Professor of Religious Studies, published “The Ji Self in Early Chinese Texts” in *Selfhood East and West: De-Constructions of Identity*, edited by Jason Dockstader, Hans-Georg Moller, and Gunter Wohlfart (Nordhausen, Germany: Traugott Bautz, 2012). This article was originally presented at the June 2009 biennial conference of the Academie du Midi in Alet-les-Bains, France.

Stephen J. Stern, Associate Professor of Religious Studies, published *The Unbinding of Isaac: A Phenomenological Midrash of Genesis 22* (Switzerland: Peter Lang, 2012). In *The Unbinding of Isaac*, Stephen J. Stern upends traditional understandings of this controversial narrative through a phenomenological midrash or interpretation of Genesis 22 from the Dialogic and Jewish philosophies of Franz Rosenzweig, Martin Buber, and, most notably, Emmanuel Levinas. With great originality, Dr. Stern intersects Jewish studies, Biblical studies, and philosophy in a literary/midrashic style that challenges traditional Western philosophical epistemology. Through the biblical narrative of Abraham, Sarah, Isaac, and Rebecca, Dr. Stern explains that Rosenzweig, Buber, and Levinas Judaically exercise and offer an alternative epistemic orientation to the study of ethics than that of traditional Western or Hellenic-Christian philosophy. *The Unbinding of Isaac* makes the works of these three thinkers accessible to those outside philosophy and Jewish studies while also introducing readers to the playfulness of how Jewish tradition midrashically addresses the Bible.

Eileen Stillwaggon, Professor of Economics, published “Living with Uncertainty” in *Trends in Parasitology* 28 (2012): 261-266. This article discusses the impediments to reliance on randomized controlled trials in studies of populations burdened with multiple infectious and parasitic diseases.

Stillwaggon published “Complex Epidemics, Simplistic Tools: The Failure of AIDS Policy in Africa” in *Origin(s) of Design in Nature* (London: Springer, 2012), edited by Elizabeth Swan, Richard Gordon, and Joseph Seckbach. The book is a collection of works ranging from evolutionary biology to artificial intelligence. My chapter examines the complexity of infectious disease transmission in populations with multiple risks.

Michael Strickland, Assistant Professor of Physics, with co-authors Mauricio Martinez and Radoslaw Ryblewski, published “Boost-Invariant (2+1)-dimensional Anisotropic Hydrodynamics” in *Physical Review C* 85.6 (2012): 064913-1-064913-19. <http://link.aps.org/doi/10.1103/PhysRevC.85.064913>. In this paper Dr. Strickland and his collaborators derived a set of partial differential equations which describe the spatiotemporal evolution of a system which can possess potentially large local momentum-space anisotropies. They then solved the resulting equations numerically in order to determine the dependence of the evolution on the assumed shear viscosity of the system.

Kristin J. Stuempfle, Professor and Co-Chair of Health Sciences, 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 fatal electrolyte disorder. This paper explored the incidence and etiology of hyponatremia during a 161-km run.

Stuempfle, with staff co-authors **Eric E. Noreen, Associate Professor of Health Sciences**, **Josef Brandauer, Assistant Professor of Health Sciences**, and student authors **James Buckley ('09)** and **Stephanie Lewis ('09)**, published “The Effects of an Acute Dose of Rhodiola Rosea on Endurance Exercise Performance” in *Journal of Strength and Conditioning Research* (May 24, 2012, e-publication prior to print). In this study we found that acute ingestion of the herb Rhodiola Rosea decreased the perception of effort during exercise, which allowed the subjects to exercise harder when they took the Rhodiola Rosea compared to a placebo.

James N. Udden, Associate Professor of Interdisciplinary Studies, published “Film Genre and Chinese Cinema: A Discourse of Film and Nation” in *A Companion to Chinese Cinema*, edited by Yingjin Zhang (Malden, MA: Wiley-Blackwell, 2012), 265-283. *A Companion to Chinese Cinema* is a collection of original essays written by experts in a range of disciplines that provide a comprehensive overview of the evolution and current state of Chinese cinema. It represents the most comprehensive coverage of Chinese cinema to date and applies a multidisciplinary approach that maps the expanding field of Chinese cinema in bold and definitive ways. It draws attention to previously neglected areas such as diasporic filmmaking, independent documentary, film styles and techniques, queer aesthetics, star studies, film and other arts or media. It features several chapters that explore China’s new market economy, government policy, and industry practice, placing the intricate relationship between film and politics in historical and international contexts. It also includes overviews of Chinese film studies in Chinese and English publications.

Udden published “In Search of Chinese Film Style(s) and Technique(s)” in *A Companion to Chinese Cinema*, edited by Yingjin Zhang (West Sussex, UK: Wiley-Blackwell, 2012), 265-283. This chapter was solicited to revisit the whole question of whether there is such a thing as a specifically “Chinese” style in cinema. The chapter argues that Chinese cinema (mainland, Hong Kong and Taiwan) over the decades displays not a style, but a dizzying variety of styles and techniques. Moreover, the numerous innovations found originate neither from Chinese tradition nor do they always appear in cinemas elsewhere.

Udden published “Directors: Taiwan Hou Hsiao-Hsien” in *Directory of World Cinema: China* (London: Intellect Press, 2012), edited by Gary Bettinson, 83-86.

Udden published “Platform” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 119-121.

Udden published “City of Sadness” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 141-143.

Udden published “Flowers of Shanghai” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 143-144.

Udden published “Good Men, Good Women” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 144-145.

Udden published “Goodbye, South, Goodbye” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 147-148.

Udden published “Kuei-Mei, A Woman” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 152-154.

Udden published “The Puppetmaster” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 154-155.

Udden published “A Time to Live, a Time to Die” in *Directory of World Cinema: China*, edited by Gary Bettinson (London: Intellect Press, 2012), 158-159. This is a new directory where Udden offered scholarly reviews of 9 films of significant import from either Taiwan, Hong Kong or mainland China. In addition, a 2000-word overview is included concerning the Taiwanese director, Hou Hsiao-hsien.

Isabel Valiela, Adjunct Associate Professor of Spanish, published “The Cuban Ripple Effect: Writing Cubanidad in the Diaspora” in a special issue of *Caribe: Revista de Cultura y Literatura* 13.2 (2012). The article, inspired by Antonio Benítez-Rojo’s postmodern work on Caribbean

identity, *The Repeating Island*, applies the metaphor of a ripple effect to the writers of the Cuban Diaspora. These are writers who have left Cuba after the Cuban Revolution, but who belong to different generations, have left at different times, have established themselves in different countries, and write in different languages on themes unique to their particular experiences and interests. Yet they share a Cuban identity based on the experience of displacement from their place of origin. Their collective trajectory resembles the ripple effect in water, which expands and changes while maintaining the form of its original source.

Robin Wagner, Director of Library Services, published “The Queensland Bush Book Club” in *The Queensland Historical Atlas* (Brisbane, Queensland: Centre for the Government of Queensland at the University of Queensland, 2011), edited by Peter Spearritt and Marion Stell. Web. An overview of books and reading in the Outback. This online atlas is an open-ended project created to document the history, culture, and heritage of Queensland, Australia.

Wagner published “A Blood-Stained Corpse in the Butler’s Pantry” in *Queensland Review* 18 (2011): 1-25. Settlers in the Australian Outback in the early 20th were starved for cultural amenities of any kind. This article looks at the type of reading matter that philanthropic women from the cities delivered to isolated farm families.

Kerry M. Wallach, Assistant Professor of German Studies, published “Paths of Modernity: Jewish Women in Central Europe” in *The Wiley-Blackwell History of Jews and Judaism*, edited by Alan T. Levenson (West Sussex, UK: Wiley-Blackwell, 2012), 422-440. This encyclopedia article provides a cultural-historical overview of Jewish women’s experiences in the early twentieth century, with a focus on Berlin, Vienna, Prague, Budapest, and Zurich. It showcases the ways in which Jewish women acted as forerunners of modernization and cultural trendsetters in both general and Jewish cultural arenas.

Kerry S. Walters, William Bittinger Professor of Philosophy, published *Vegetarianism: A Guide for the Perplexed* (New York & London: Continuum, 2012). A critical examination of the philosophical, ethical and religious arguments for and against vegetarianism.

Charles D. Wessell, Assistant Professor of Mathematics, published “270: How to Win the Presidency with Just 17.56% of the Popular Vote” in *Math Horizons* 20.1 (2012): 18-21. This article examines the minimal percentage of the popular vote needed to win the presidency in each election since 1960. Algebra, numerical experimentation, and linear programming are each used in the search for a solution.

REVIEWS

Brian M. Jordan, Adjunct Instructor of Civil War Era Studies, published a review of Robert F. O’Neill’s *Chasing Jeb Stuart and John Mosby: The Union Cavalry in Northern Virginia from Second Manassas to Gettysburg* in *Civil War News* 30 (September 2012).

James Udden, Associate Professor of Interdisciplinary Studies, published “Review of 30th Vancouver International Film Festival, October 2011” in *Film International*, edited by Liza Palmer (November 15, 2011). Web. In this review, particular attention is given to the “Dragons & Tigers” award, given to a new and upcoming Asian director.

Kerry M. Wallach, Assistant Professor of German Studies, published a review of Jay Geller’s *The Other Jewish Question: Identifying the Jew and Making Sense of Modernity* in

German Studies Review 35:2 (May 2012): 393-395. This review reflects on Geller's important methodological shift from the study of Jewish "identity" to "identification," as well as the impressive ways in which Geller investigates physiognomic and bodily constructs in his quest to trace a genealogy of ascriptions (and inscriptions) of Jewishness.

PROFESSIONAL PAPERS OR PRESENTATIONS

Jonathan D. Amith, Research Associate in Anthropology, with presenter Christian DiCanio and co-author Rey Castillo Garcia, presented a paper titled "Yoloxóchitl Mixtec Tone" at the Society for the Study of Indigenous Languages of the Americas, Linguistic Society of America Meetings, in Portland, Oregon, January 5-8, 2012. DiCanio, Amith, and Castillo, present an acoustic analysis of pitch contours in Yoloxochitl Mixtec, an Oto-Manguean language from Mexico. The tonal system of YM is particularly rich. On basic bimoraic words there are 5 potential tones on the first mora and 9 potential tones on the second mora, yielding 20 total possible tone sequences combinations on basic, uninflected lexical words.

Amith presented "La lexicografía en la documentación de lenguas amenazadas: El desarrollo de un diccionario del mixteco de Yoloxóchitl, Guerrero" at the Coloquio sobre Lenguas Otomangues y Vecinas, Oaxaca City, Oaxaca, México, April 20-22, 2012. In his presentation, Amith explored the nature and roll of lexicography in endangered language documentation. Using examples from his work on the Mixtec spoken in Yoloxochitl, Guerrero, Mexico, Amith analyzed the impact of language- specific characteristics on lexicographic practice and dictionary design.

Matthew H. Amster, Associate Professor and Chair of Anthropology, presented a paper titled "Modern Asatro in Denmark: Explorations in Reconstruction and Eclecticism" as part of the panel "Challenging Religiosity in an Uncertain Europe: The Role of 'New Spirituality'" at the European Association of Social Anthropologists (EASA) Biennial Conference, Nanterre, France, July 10-13, 2012. This presentation is part of a new research and film project on contemporary Norse pagan religion and its contrast to Viking reenactment in Denmark. Footage of a number of Asatro rituals, filming during my 2011-2012 sabbatical, will be included in an ethnographic exhibit at the new Moesgaard Museum, which will be opening in 2014.

Amster, with co-presenter Vinni Gelund, also gave an invited talk and screened a short film as part of the conference *Visuel Anthropologi og det usynlige* ("Visual Anthropology and the Invisible") at the annual meeting of the Dansk Etnografisk Forening, Moesgaard Museum, Højbjerg, Denmark, April 27, 2012. This presentation is part of a new research and film project on contemporary Norse pagan religion and its contrast to Viking reenactment in Denmark. Footage of a number of Asatro rituals, filming during my 2011-2012 sabbatical, will be included in an ethnographic exhibit at the new Moesgaard Museum, which will be opening in 2014.

Rimvydas Baltaduonis, Assistant Professor of Economics, with co-authors **Taylor Smart ('13)**, Tihomir Ancey, and Tim Capon, presented a paper titled "Flicking the Switch: Retail Demand-Side Response under Alternative Electricity Pricing Contracts" at the 35th International Association for Energy Economics Conference in Perth, Australia, June 24-27, 2012. This paper investigates the market efficiency under alternative retail electricity pricing contracts as well as the effectiveness of those pricing arrangements in facilitating efficient demand-side response to supply-side cost shocks.

Baltaduonis, with co-authors **Smart ('13)**, Ancey, and Capon, presented "Flicking the Switch: Retail Demand-Side Response under Alternative Electricity Pricing Contracts" at the 14th Centre

for Competition and Regulatory Policy Workshop in Vienna, Austria, July 12-13, 2012. This paper investigates the market efficiency under alternative retail electricity pricing contracts as well as the effectiveness of those pricing arrangements in facilitating efficient demand-side response to supply-side cost shocks.

Cecilia Diniz Behn, Assistant Professor of Mathematics, delivered a selected presentation titled “Modeling the Fine Temporal Architecture of Rapid Eye Movement Sleep in Rats” at the annual meeting of the Associated Professional Sleep Societies in Boston, MA, June 9-13, 2012. Mathematical modeling helps to link dynamic interactions of neurons to the sleep-wake behavior they produce. For REM sleep, theoretical approaches are particularly helpful since the underlying neurophysiology has not been conclusively established.

Behn delivered an invited presentation titled “Hysteresis and a Mechanism for REM Sleep Generation” at a meeting of the Society for Industrial and Applied Mathematics Life Science in San Diego, CA, August 7-10, 2012. The lecture describes mathematical techniques for analyzing the dynamics of a model of rapid eye movement (REM) sleep generation. The lecture was part of a mini-symposium titled “Hysteresis in Neuroscience: Bursting and Beyond,” co-organized by Diniz Behn. This work identifies the underlying bifurcation structure of a system describing the regulation of REM sleep and shows how parameter variation can account for both circadian and inter-species differences in REM sleep manifestation.

Michael J. Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, presented an invited paper titled “A Yankee Icon Stumbles: The Goldfine Scandal and the Scandal Underneath It” at a conference on political scandals, held at Shippensburg University June 28, 2012. This paper re-examines the context for the fall from power of President Dwight D. Eisenhower’s Chief of Staff, Sherman Adams, in 1958, and explores the story that the press corps missed in its focus on Adams’ relationship with a corrupt New England businessman.

Gerardo L. F. Carfagno, Visiting Assistant Professor of Biology, with co-author **Peter F. Fong, Professor of Biology**, presented a poster titled “Growth Inhibition of Tadpoles Exposed to Sertraline in a Competitive Environment” at the World Congress of Herpetology in Vancouver, BC, August 8-14, 2012. The authors demonstrate that exposure to a common antidepressant coupled with the stress of competition from conspecifics, may cause developmental delays in wood frog (*Rana sylvatica*) tadpoles.

Paul J. Carrick, Adjunct Professor of Philosophy, delivered an invited paper, “The Limits of Environmental Pragmatism: Promises and Perils,” at the University of La Rochelle, France, June 19, 2012. This paper was part of an international conference, co-sponsored by the University and the Global Ecological Integrity Research Group, devoted to the topic of environmental justice.

Amy B. Dailey, Assistant Professor of Health Sciences, with co-presenters Ellen D. S. Lopez, Erin Bouldin, and M. A. Berg, delivered a presentation titled “Disparities in Receipt of Cancer Treatment Summaries and Cancer Follow-up Instructions among U.S. Cancer Survivors: Results from the 2010 BRFSS” at the Biennial Symposium on Minorities, the Medically Underserved and Health Equity, in Houston, TX, June 27-July 1, 2012. This presentation highlighted recent national trends in the needs of cancer survivors.

Veronica A. Dexheimer, Adjunct Assistant Professor of Physics, gave an invited talk, “Deconfinement to Quark Matter in Neutron Stars: The Influence of Strong Magnetic Fields,” at the XII Hadron Physics Conference in Bento Gonçalves, Rio Grande do Sul, Brazil, April 27, 2012. The talk focused on the effect of strong magnetic fields on the appearance of quark matter in the core of neutron stars and possible observables.

Dexheimer gave a colloquium, “Deconfinement to Quark Matter in Neutron Stars: The Influence of Strong Magnetic Fields,” at USP (Federal University of São Paulo), Sao Paulo, SP, Brazil, May 8, 2012. The colloquium focused on the effect of strong magnetic fields on the appearance of quark matter in the core of neutron stars and possible observables.

Dexheimer gave a colloquium, “Deconfinement to Quark Matter in Neutron Stars: The Influence of Strong Magnetic Fields,” at ITA (Aeronautical Institute of Technology), Sao Paulo, SP, Brazil, May 9, 2012. The colloquium focused on the effect of strong magnetic fields on the appearance of quark matter in the core of neutron stars and possible observables.

Kay Etheridge, Professor of Biology, was invited by the World History Center to present a paper titled “The History and Influence of Nature Images: A Case Study” at the Linnaean Worlds conference, sponsored by the Andrew W. Mellon Foundation and held at the University of Pittsburgh, May 5, 2012. Exploring the creation and use of images by Maria Sibylla Merian, and the role of such images in the history of science, the paper discussed how images and text by naturalists like Merian laid the foundation for the study of ecological relationships and shaped how nature was perceived by Europeans.

Nathalie Goubet, Associate Professor of Psychology, with co-presenter **Jennifer Ducz (‘11)**, presented a poster titled “Olfaction-Pain Interactions: A Familiar Odor Enhances Pain Tolerance” at the XVI International Symposium on Olfaction and Taste in Stockholm, Sweden, June 23-27, 2012. The presentation focused on the effects of familiarity on pain tolerance in college-age women. Exposure to a familiar odor led to a higher pain threshold.

Cassie M. Hays, Assistant Professor of Sociology, presented a paper titled “The Racialization of Nature on Safari” at the Society for the Social Studies of Science (4S) annual meeting in Cleveland, OH, November 2-5, 2011. This paper is based in ethnographic field work conducted in Northern Tanzania on the sociology of safari.

Kay Hoke, Professor of Music and Director of the Sunderman Conservatory of Music, with co-leader Zachary Redler, conducted a week-long workshop on Puccini’s *La Boheme* for the Central City Opera Company at the University of Colorado-Boulder, Summer 2012. This *Music! Words! Opera!* experience, sponsored by Opera America, was based on an opera in the company’s current or upcoming seasons.

Hoke, with co-leader Zachary Redler, conducted a week-long workshop on Rossini’s *Il Barbiere di Siviglia* for the Fargo-Moorhead Opera Company in Fargo, ND, Summer 2012. This *Music! Words! Opera!* experience, sponsored by Opera America, was based on an opera in the company’s current or upcoming seasons.

Ian A. Isherwood, Assistant Director of the Civil War Institute, presented a paper titled “‘To Fly is More Interesting than to Read about Flying’: British Memoirs of Aerial Warfare, 1918-1939” at the Space Between Society’s annual conference in Providence, RI, June 14-16, 2012. Isherwood’s paper was on British Royal Air Force memoirs of the First World War.

Alvaro Kaempfer, Associate Professor of Spanish and Coordinator of Latin American Studies, gave an invited presentation titled “Chile, independencias y liberaciones: ¿fue alguna vez la nación un dispositivo de emancipación?” at the Facultad de Filosofía y Humanidades of the Universidad Austral in Valdivia, Chile, June 1, 2012. Focusing in the evaluations of the notion of nation by the early 20th century, this was a presentation to students in literature and history departments about reading political foundation documents in retrospective. The emphasis of the presentations was the vision of emancipation put in place by different authors throughout the 19th century.

Kaempfer conducted an invited seminar on a selected group of authors leading the political and cultural transition from the 18th to the 19th century in Latin America at the Universidad de Santiago, Santiago, Chile, June 8, 2012. From Manuel de Salas in Santiago, Manuel Belgrano in Buenos Aires, and Jose Baquijano in Lima to Azeredo Coutinho in Rio de Janeiro and Lisbon, this seminar was a critical reading of a series of late 18th century texts dealing with the changes in the Atlantic world and the challenges for the Ibero-American colonies to find their place in that process without breaking away from the Iberian Empires.

Kaempfer gave a presentation titled “El Inca, Bolívar y yo: Intelectuales, independencia y exterminio en la poesía post-independentista” at the 54th International Congress of Americanists in Vienna, Austria, July 15-20, 2012. Taking as a departure point the writings of José Joaquín Olmedo (Ecuador/Peru), this presentation explores a corpus of poetic texts dealing with an aesthetic archive of the independence wars. I was looking particularly at the place of massacre and military annihilation within narratives and poetic of heroism in early 19th century Latin America.

James Matthew Kittelberger, Assistant Professor of Biology, with student co-author **Elizabeth K. Heisler ('12)**, presented a poster titled “Both D1- and D2-like Receptors Contribute to Dopamine-Induced Inhibition of Vocal Production in the Midbrain Periaqueductal Gray of a Teleost Fish” at the 10th International Congress of Neuroethology at the University of Maryland, College Park, MD, August 5-10, 2012. The poster explores the mechanisms by which the neurotransmitter dopamine shapes vocal behavior.

Daniel D. McCall, Associate Professor of Psychology, presented a poster titled “The Enhancement of Flavor Detection under Conditions of Disgust” at the meetings of the International Symposium on Olfaction and Taste in Stockholm, Sweden, June 23-27, 2012. The poster reported the results of three experiments examining changes in olfactory and taste sensitivity that occur when people are in a state of disgust.

Kaoru Miyazawa, Assistant Professor of Education, presented a paper titled “If You Were a Bird: Out-of-School Literacy Practice of Mexican Children in Central Pennsylvania” at the 61st National Literacy Education Conference in Okayama, Japan, August 2012. This paper explores a sense of displacement and desire for belonging expressed by four Mexican children in Gettysburg through their out-of-school literacy practices.

Miyazawa presented a paper titled “Re-Examining Assimilation Theories Using Nostalgia as a Lens” at the “Curriculum Studies” division of the annual meeting of American Educational Research Association in Vancouver, BC, April 14, 2012. By turning the gaze at the mind of researchers, this paper provides audiences a new way to understand conventional assimilation theories in the U.S.

Salma Monani, Assistant Professor of Environmental Studies, presented a paper titled “Mother Earth in Crisis: Visions and Voices” at the 2011 Native Film + Video Festival, part of the Association for the Study of Literature and Environment Off-Year Symposium *Environment, Culture, and Place in a Rapidly Changing North*, held in Juneau, AK, June 14-17, 2012. This paper explores the ways in which the 2011 Native Film and Video festival hosted by the Smithsonian’s Museum of the American Indian represents indigenous environmental concerns. I draw from film festival scholarship on activist films and indigenous studies scholarship to suggest that films within the Friday symposium “Mother Earth in Crisis” can be broadly categorized within three types of “eco-testimony,” those being 1) the white-celebrity prototypical ecological Indian; 2) the indigenous owned ecological Indian; and 3) the rejected ecological Indian. Each type of testimony suggests different potentials for activist responses.

Heather N. Odle-Dusseau, Assistant Professor of Management, presented a paper co-authored with Thomas W. Britt and Tiffany M. Greene-Shortridge titled “Organizational and Family Resources as Predictors of Perceptions of Mental Health” as part of a symposium on “New Perspectives on the Study of Work-Life Processes and Health” at the Annual Conference of the Academy of Management in Boston, MA, August 3-7, 2012. The paper presents data showing how family support in the workplace and instrumental support in the family domain can benefit one’s mental health.

Odle-Dusseau presented a paper co-authored with Hailey Herleman, Thomas W. Britt, Carl Castro, Dennis McGurk, and Charles Hoge titled “The Effects of Family-Supportive Work Environments on Soldiers’ Depression and Anxiety During Reintegration” as part of a symposium on “The Effects of Deployment and Reintegration on Military Families” at the Inaugural Conference for the Work-Family Researchers Network in New York, NY, June 14-16, 2012. This paper showed the importance of applying a systems-based approach to understanding the influence of organizational work-family resources on well-being of individuals in the military.

Odle-Dusseau presented a paper, co-authored with **Philip Bobko, Professor of Management**, titled “Health-Care Employees: Job Level Moderates Effects of Organizational Family Resources” as part of a symposium co-chaired by Odle-Dusseau on “The Real Work-Family Interface: Advancing Theory Via Contextualization” at the 27th Annual Conference of the Society for Industrial and Organizational Psychology in San Diego, CA, April 26-28, 2012. This paper demonstrated that low-level employees in organizations stand to benefit more from work-family organizational resources compared to higher level employees.

Odle-Dusseau presented a paper co-authored with **Bobko** titled “How Does Family-Specific Supervisor Support Increase Work and Family Performance?” as part of a symposium on “Leaders and the Work-Family Interface: They Provide More than Support” at the 27th Annual Conference of the Society for Industrial and Organizational Psychology in San Diego, CA, April 26-28, 2012. This paper presents a test of a model examining how family-supportive supervisor behaviors predict job performance via increases in job satisfaction and decreases in job stress, as well as a test of how family-supportive supervisors influence family performance through increases in family satisfaction and quality of life.

Odle-Dusseau co-authored a paper presented by Tiffany M. Greene-Shortridge titled “Work-Family Resources and Positive Psychological Outcomes: Mediating Effects of Fit” as part of a symposium co-chaired by Odle-Dusseau and Greene-Shortridge on “Positive Psychology in the Work-Family Interface: Bridging the Gap” at the 27th Annual Conference of the Society for Industrial and Organizational Psychology in San Diego, CA, April 26-28, 2012. This paper showed how work-family support influences positive psychological outcomes such as optimism and engagement, because of the effects of work-family support on one’s perceived fit with the values of an organization.

Kathryn Rhett, Associate Professor of English, with co-presenter Jessica Handler, gave a talk titled “The Tough Stuff: Write Well, Feel Better” as part of the Iowa Summer Writing Festival’s Eleventh Hour Lecture Series, University of Iowa, Ames, IA, July 25, 2012. We talked about how writing the tough stuff well can be good for you, and for a community of like-minded readers. Everyone will experience difficulty at some point in their lives, and, being writers, we may want to write about the tough stuff, either because we need to, or with the notion that getting it down on paper will be cathartic. The strategies we use for strong literary writing dovetail neatly with the strategies for writing therapeutically. This talk will introduced cross-disciplinary research and suggested a variety of writing exercises. The idea for this talk originated with my work as co-mentor for Mellon Summer Scholar **Eric Kozlik** (‘11), in the summer of 2010. Eric’s work

in writing therapy brought together psychology and creative writing, and as we examined the current research and developed writing exercises for his project, I found parallels between what I did to elicit good literary writing from students and what Eric was doing to elicit writing with a therapeutic benefit. Jessica Handler, author of the forthcoming book *Writing Through Grief*, has been working in a similar vein.

Carolyn S. Snively, Professor of Classics, presented a paper titled “Late Antique Residential Complexes at Golemo Gradište, Konjuh” at the 11th Niš and Byzantium Symposium, Niš, Serbia, June 3-5, 2012. Three large residential complexes of different types have been partly investigated at Golemo Gradište, Konjuh.

Deborah A. Sommer, Associate Professor of Religious Studies, presented an invited paper titled “Ritualized Landscapes? Conceptualizations of the Earth and the Ritual Management of Natural Resources in Classical Chinese Texts” at the international conference and book workshop *Religious Diversity and Ecological Sustainability* at Minzu University (Minorities University), Beijing, China, March 6-9, 2012. The conference was co-sponsored by Minzu University, the Max Planck Institute for the Study of Religious and Ethnic Diversity (Göttingen), and the Yale Forum on Religion and Ecology.

Eileen Stillwaggon, Professor of Economics, gave an invited presentation titled “Structural Dimensions of Prevention in Generalized Epidemics” at the International AIDS Society Symposium of the 19th International AIDS Conference, Washington, D.C., July 19-20, 2012. Stillwaggon was invited to outline the social and political framework necessary for addressing generalized HIV epidemics over the long term.

Stillwaggon completed the European Educational Programme in Epidemiology in June-July 2012.

Stillwaggon, with co-author Larry Sawers, published a peer-reviewed poster titled “Methodological Flaws of STI-HIV Prevention Trials” in the conference publication of the 19th International AIDS Conference, Washington, D.C., July 22-27, 2012.

Stillwaggon, with co-author Larry Sawers, published a peer-reviewed poster titled “Rush to Judgment: Confounding in the STI-HIV Trials” in the conference publication of the 19th International AIDS Conference, Washington, D.C., July 22-27, 2012.

Michael Strickland, Assistant Professor of Physics, gave an invited seminar titled “Anisotropic Hydrodynamics” at the Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil, April 20, 2012. Dr. Strickland presented his framework for deriving and applying anisotropic relativistic hydrodynamics. This newly developed framework allows hydrodynamic-like dynamical models to be applied to systems which are far from equilibrium.

Strickland presented a talk titled “Thermal Bottomonium Suppression” at the XII Hadron Physics conference, Bento Gonçalves, RS, Brazil, April 23, 2012. Dr. Strickland presented his latest work on the suppression of bound states of of bottom and anti-bottom quarks in a quark-gluon plasma. He demonstrated good agreement between his theoretical model and experimental data available for Brookhaven National Labs (RHIC) and CERN (LHC).

Strickland delivered “Anisotropic Hydrodynamics” as an invited seminar at Instituto de Física da Universidade de São Paulo, São Paulo, Brazil, May 2, 2012. Dr. Strickland presented his framework for deriving and applying anisotropic relativistic hydrodynamics. This newly developed framework allows hydrodynamic-like dynamical models to be applied to systems which are far from equilibrium.

Strickland presented an invited seminar titled “NNLO Hard-thermal-loop thermodynamics for QCD” at the Instituto Tecnológico de Aeronáutica, Sao Jose dos Campos, Sao Paulo, Brazil, May 9, 2012. Dr. Strickland presented his work on improving the convergence of finite temperature perturbation theory applied to quantum chromodynamics. He showed results from a recently completed calculation which takes into account corrections to the ideal gas limit up to third order in quantum corrections.

Strickland delivered “Anisotropic Hydrodynamics” as an invited seminar at Duke University, Durham, NC, May 22, 2012. Dr. Strickland presented his framework for deriving and applying anisotropic relativistic hydrodynamics. This newly-developed framework allows hydrodynamic-like dynamical models to be applied to systems which are far from equilibrium.

Strickland gave an invited talk titled “Highly Anisotropic Dissipative Hydrodynamics,” at the 11th Conference on the Intersections of Particle and Nuclear Physics (CIPANP XII), St. Petersburg, FL, June 2012. Dr. Strickland presented his framework for deriving and applying anisotropic relativistic hydrodynamics. This newly-developed framework allows hydrodynamic-like dynamical models to be applied to systems which are far from equilibrium.

Strickland delivered “Anisotropic Hydrodynamics” as an invited seminar at the Institute of Theoretical Physics, CEA-Saclay, Gif-sur-Yvette Cedex, France, July 2012. Dr. Strickland presented his framework for deriving and applying anisotropic relativistic hydrodynamics. This newly-developed framework allows hydrodynamic-like dynamical models to be applied to systems which are far from equilibrium.

Strickland delivered “Anisotropic Hydrodynamics” as an invited seminar at a conference on “Strong and Electroweak Matter 2012” in Swansea, Wales, July 10, 2012. Dr. Strickland presented his framework for deriving and applying anisotropic relativistic hydrodynamics. This newly-developed framework allows hydrodynamic-like dynamical models to be applied to systems which are far from equilibrium.

Strickland delivered a presentation titled “NNLO hard-thermal-loop thermodynamics for QCD” at the Department of Theoretical Physics, University of Montpellier II, Montpellier, France, July 2012. Dr. Strickland presented his recent work on improving the convergence of finite temperature quantum chromodynamics.

Strickland delivered a presentation titled “Upsilon Suppression at RHIC and LHC” at the Institute for Theoretical Physics, Heidelberg University, Heidelberg, Germany, July 2012. Dr. Strickland presented his recent work on Upsilon suppression in ultrarelativistic heavy ion collisions.

Strickland delivered a seminar titled “The Chromo-Weibel Instability in an Expanding Background” at the Universidade de Santiago de Compostela, Santiago de Compostela, Galicia, Spain, July 2012. Dr. Strickland presented his recent work on thermalization and isotropization of the quark gluon plasma via collective instabilities of the chromoelectric and chromomagnetic fields.

Kristin J. Stuempfle, Professor and Co-Chair of Health Sciences, gave an invited talk titled “Fluid and Energy Balance” at a symposium on ultra-endurance exercise at the American College of Sports Medicine Annual Meeting, San Francisco, CA, May 29-June 2, 2012. This talk detailed the nutritional needs of runners competing in 100-mile races.

Yan Sun, Associate Professor of Art History, presented a paper titled “Material Culture, Personal Identity and Power: A Case Study of Early Spring Autumn Tomb M26 at Liangdaicun” (个人身份和权利的考古学考察:以春秋早期韩城梁带村26号仲姜墓为例) as part of an international

conference held in conjunction with an exhibition on newly excavated materials from the Rui lineage cemetery, at the Shanghai Museum, Shanghai, China, August 13-15, 2012. The paper investigated how a noblewoman Zhongjiang strategically used material culture to display her status and political power after the death of her husband, the head of the Rui state.

Sun delivered a paper titled “Cultural Diversity and Complexity at the Northwestern Frontier of the Western Zhou: Case Studies of Lingtai and Baoji” (西周早中期西北边疆族群和文化的多元性和复杂性：以灵台和宝鸡为例) at an international conference on “Bronzes of the Qin and the Northern Region,” Emperor Qinshihuang’s Mausoleum Site museum, Lintong, Shaanxi, China, August 7-10, 2012. The paper investigated the complexity of the identity building of the non-Ji Zhou lineages at the northwestern frontier of the Zhou state through the study of artifacts, mortuary practice and bronze inscriptions.

Donald G. Tannenbaum, Associate Professor of Political Science, with the aid of research assistant **Andrew Bellis ‘14**, presented a paper titled “Exploring Biopolitics: Two Perspectives” at the biennial meeting of the International Political Science Association, Madrid, Spain, July 9, 2012. The paper explores the criticism of the approach to biopolitics by researchers who are members of the Association of Politics and Life Sciences by the post-modern philosopher Michel Foucault and his supporters.

Kerry Wallach, Assistant Professor of German Studies, presented a paper titled “Brandeis’s Bazaar to Central Stores: Consumerism in the Popular Works of Jewish Women Writers Edna Ferber, Fannie Hurst, and Vicki Baum” at the conference *Tales of Commerce and Imagination: Literary and Cinematic Contributions to the Department Store Debate in the Early 20th Century*, the Literaturhaus, Berlin, July 5-6, 2012. This paper argues that the relationships of these American and German popular writers to processes of consumption were complicated increasingly by the constrictions of anti-Semitic stereotypes about Jewish wealth and commercial success, particularly after 1933.

Janelle Wertzberger, Director of Reference and Instruction at Musselman Library, presented “Information Literacy and EDUC 340 at Gettysburg College” at Franklin & Marshall College, Lancaster, PA, August 9, 2012. Instruction librarians from the Central Pennsylvania Consortium participated in a learning community during the 2011-2012 year. Wertzberger shared details about the embedded information literacy goals and activities in Professor Divonna Stebick’s Teaching Students with Diverse Needs class.

PROFESSIONAL DISTINCTIONS AND AWARDS

Jonathan D. Amith, Research Associate in Anthropology, was awarded a nine-month Fulbright scholarship for Mexico (2012). Amith will work on the comparative ethnobiology of three indigenous languages that he has been researching: Nahuatl from central Guerrero; Nahuatl from the Sierra Norte de Puebla; and Mixtec from Yoloxochitl, Guerrero, on the Costa Chica of that state.

Amith produced and co-directed, with director Roberto Olivares Ruiz, *Silvestre Pantaleon*, a 65-minute Nahuatl-language documentary. The film received the following awards in 2011-2012: Best Feature-Length Documentary at the Ninth Festival Internacional de Cine de Morelia; Gran Prix Tehuikan as Best Film (All Categories) at the Twenty-First Montreal First Peoples’ Festival; the Premio 360 degrees, the principal prize at DocsDF, VI Festival Internacional de Cine Documental de la Ciudad de Mexico; Jury Prize at the Festival de Cine y Video Kayche’: Tejidos

Visuales in Merida, Yucatan, Mexico; and Winner in Category “Infancy, Youth and Elders,” VII Encuentro Hispanoamericano de Cine y Video Documental Independiente Contra el Silencio, Todas las Voces, in Mexico City. Mexico’s Instituto Nacional de Lenguas Indigenas also acquired 3,000 copies of *Silvestre Pantaleon* to distribute free to Nahuatl bilingual schools and communities in Mexico. *Silvestre Pantaleón* presents the last man of his Nahuatl-speaking village still versed in traditional rope making and other disappearing crafts. Looking for relief from pain and numbness, he visits a card reader and is told that to be cured offerings must be made to the dead, the hearth, the ants, and the river. The film follows Silvestre as he makes rope to raise the money necessary for the ceremony “*Levantamiento de sombra*” (“lifting of the shadow”).

Amith received a \$24,800 supplement for his NSF grant “Nahuatl Language Documentation Project: Sierra Norte de Puebla,” originally granted in 2008 with \$291,798. The supplementary award is to enable two native speakers who have been working on the grant to continue to document their language (creating digital recordings and time-coded transcriptions) over the next two years.

Matthew Orange, Visiting Assistant Professor of Health Sciences, successfully defended his dissertation thesis, “Deficiency Delays Wound Healing,” on July 31, 2012. This fulfilled requirements for the degree of Ph.D. in Physiology and Integrative Biology from the Graduate School of Biomedical Sciences, University of Medicine and Dentistry of New Jersey, and the Graduate School-New Brunswick, Rutgers University. Matthew’s graduate research, in the laboratory of Dr. Jianjie Ma, focused on the participation of plasma membrane repair proteins in the healing processes of various tissues.

Timothy J. Shannon, Professor and Chair of History, was awarded a National Endowment for the Humanities Summer Stipend for his project “Indian Captive, Indian King: Peter Williamson in America and Britain.” The award will help fund two months of archival research in the United Kingdom.

Kerry S. Walters, William Bittinger Professor of Philosophy, saw his book *The Art of Living and Dying* (2011) translated into Korean, and receive a 2012 gold Nautilus Award. The book is an exploration of the relation between virtuous living and a “good death.”

Walters’s book *Revolutionary Deists: Early America’s Rational Infidels* (2011) was named a *Choice* Outstanding Book of the Year, one of 600 from 7,200 reviewed titles. The book is an intellectual history of deism in early America.

CREATIVE ACTIVITY

Jonathan D. Amith, Research Associate in Anthropology, produced and co-directed, with director Roberto Olivares Ruiz, *Silvestre Pantaleon*, a 65-minute Nahuatl-language documentary (English, Spanish, French, and Nahuatl subtitles). It is distributed in the US and Canada by Icarus Films. *Silvestre Pantaleón* presents the last man of his Nahuatl-speaking village still versed in traditional rope making and other disappearing crafts. Looking for relief from pain and numbness, he visits a card reader and is told that to be cured offerings must be made to the dead, the hearth, the ants, and the river. The film follows Silvestre as he makes rope to raise the money necessary for the ceremony “*Levantamiento de sombra*” (“lifting of the shadow”).

Rimvydas Baltaduonis, Assistant Professor of Economics, with research assistant **Taylor Smart** (‘13), taught at the annual seminar for the state public utility commissioners and their

staff, organized by the Institute for Regulatory Law and Economics (IRLE), Aspen, Colorado, May 19-23, 2012. IRLE is sponsored by the University of Colorado Silicon Flatirons Center as a means of supporting thoughtful regulatory decision-making. The participants get exposed to new developments in economics and law sciences. Baltaduonis and Smart were responsible for the experimental economics part of the curriculum.

Baltaduonis led the Workshop in Applied Experimental Economics at the University of Sydney, Australia, June 12-14, 2012. The primary purpose of the workshop was to provide an introduction to laboratory economics methods for students interested in applied energy and environmental policy questions. The workshop presented laboratory experimental techniques as an alternative approach to economics research.

Baltaduonis conducted the Workshop on Retail Electricity Pricing Contracts at Vienna University of Economics and Business, Vienna, Austria, July 10, 2012. The workshop was designed for the junior research faculty at the Department of Finance, Accounting and Statistics, who focus on finance and regulatory economics questions related to energy markets.

Kay Etheridge, Professor of Biology, participated in a three-week NEH summer institute titled “Leonardo da Vinci: Between Art and Science,” held in Florence, Italy, June 25-July 13, 2012. Lectures, field trips and discussion were designed for the study of the relations between art and science in the early modern period, focusing on the works of Leonardo.

Cassie M. Hays, Assistant Professor of Sociology, acted as an invited academic consultant in the fall of 2011 for the Global Nomads Group, whose cross-cultural educational program, “Students Rebuild: Responding to Humanitarian Crises,” connects students in the U.S. and the Democratic Republic of the Congo (DRC) through lessons on social entrepreneurship. This educational project seeks to inform U.S. middle school students about the history of and current events in the DRC and hopes to assist Congolese students in business planning as a positive (and possibly lucrative) response to the gender-based and youth violence that has been alarmingly common in the DRC recently.

Stacey Mastrian, Visiting Assistant Professor of Voice in the Sunderman Conservatory of Music, performed two programs for *The Ten Thousand Things: A John Cage 100th Birthday Celebration*, held in Atlanta, GA, September 6-9, 2012. The multi-day event, held on the occasion of the 100th anniversary of the birth of John Cage (1912-1992)—a luminary in 20th century avant-garde music, poetry, and visual art—was hosted by eyedrum, presented by the Goat Farm Arts Center, and curated by The Atlanta Poets Group, Bent Frequency, and Chamber Cartel, with additional participation from Core Performance Company.

Mastrian has been invited to perform her program *Voicing Cage* this fall at the Weatherspoon Art Museum in Greensboro, NC, and at the Henry Art Gallery in Seattle, WA. The program features selections from Cage’s vast and tremendously diverse output that employ the voice in its many facets.

Kathryn Rhett, Associate Professor of English, taught a one-week workshop, “After Great Pain, a Formal Feeling Comes: Nonfiction on Difficulty,” at the University of Iowa’s Iowa Summer Writing Festival, Ames, IA, July 22-27, 2012. This workshop was for people writing about crucial difficult experiences, and about the moments when one way of thinking about one’s life stops, and another begins. Difficulty, or crisis, disrupts the “continuously rewritten autobiography we all carry with us in our minds,” as Charles L. Mee writes. The workshop title, from Emily Dickinson, addresses the impulse to give form to chaos, and, in our case, to articulate suffering through writing. How can we make our writing about difficulty as urgent and compelling on the page as the experience feels in our lives? The workshop focused on form as well as content, on sharing

the technical elements of artful nonfiction, on creating original, distinctive work, and on exploring elements of essay, memoir, and prose poem. I was thrilled to return to this writing festival after a ten-year hiatus, to bring new research and creative work in the field of trauma writing into the classroom, and to work with accomplished writers who are developing book manuscripts devoted to crucial life experiences.

Michael L. Ritterson, Emeritus Professor of German, with Utz Rachowski, German Writer-in-Residence, gave an invited presentation at Fairleigh-Dickinson University, Madison, NJ, April 25, 2012. Titled *Reading and the Creative Art of Translation*, the event was sponsored by *The Literary Review* and the Creative Writing Program at Fairleigh-Dickinson. Bilingual readings were given from Rachowski's fiction and poetry, translated by Ritterson; the story "The Wild Huntsman" was previewed prior to its publication in *TLR*. The reading allowed the audience to hear Rachowski's work in the original German, while discussion focused on literary translation as creative writing and on the interactive work of author and translator.

Abdulkareem Said Ramadan, Assistant Professor of Arabic Studies, participated in the National Arabic Consensus Meeting's Reading Guidelines Committee to revise the ACTFL (American Council on the Teaching of Foreign Languages) guidelines for teaching Arabic, April 9, 2012. This project contains Arabic annotations and samples to accompany the generic ACTFL Proficiency Guidelines 2012.

Deborah A. Sommer, Associate Professor of Religious Studies, presented the invited lecture "《論語》之外的孔子" ("Confucius Beyond the Analects"), Guangzhou City Polytechnic, Guangzhou, China, March 15, 2012. The presentation was part of the Classical Chinese Studies Lecture Series sponsored by the Chinese Studies Institute of Guangzhou. Additional links are available on my public html website, which may be accessed by Googling my name.

Donald G. Tannenbaum, Associate Professor of Political Science, chaired a panel titled "Biology and Politics: New Directions" at the biennial meeting of the International Political Science Association, Madrid, Spain, July 8-12, 2012. The panel had four scheduled papers. These included, in addition to a paper by Tannenbaum [q.v.], studies of "Liberal Democracy and Biopolitics," "Natural Reality and Human Progress," and "Between Animal Identity and Political Ecology."



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