



9-2011

The Faculty Notebook, September 2011

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"Faculty Notebook, September 2011," Vol XVI, No 1 (September 2011), Provost's Office, Gettysburg College.

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The Faculty Notebook, September 2011

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

Disciplines

Library and Information Science | Scholarly Publishing

The FACULTY Notebook



VOLUME XVI, NO. 1

SEPTEMBER 2011

PUBLICATIONS

Yasemin Akbaba, Assistant Professor of Political Science, and Zeynep Taydas published “Religion, Security Dilemma and Conflict: The Case of Iraq” in *Religion, Identity and Global Governance: Ideas, Evidence and Practice* edited by Patrick James (University of Toronto Press, 2011). This chapter examines the civil war in Iraq as a unique case because of the external origin of the military conflict. It examines ethnicity and sectarianism in the post-Saddam era and looks particularly closely at the role of religion in the current violence.

Abou B. Bamba, Assistant Professor of History, published “At the Edge of the Modern? Diplomacy, Public Relations, and Media Practices during Houphouët-Boigny’s 1962 Visit to the United States” in *Diplomacy and Statecraft*, Vol. 22 (2011): 219-238. The article critically engages the recent scholarly attention on modernization theory and international media scholarship as they apply to African diplomacy. Contrary to the pervasive postwar modernization paradigm, it argues that postcolonial African governments had appropriated a form of managing foreign public affairs that satisfied the logic of media performance of modern nations. It concludes that the normative comparativism that has usually sustained the historiography of international media studies is more than problematic.

Cecelia Diniz Behn, Assistant Professor of Mathematics, and Victoria Booth published “A population network model of neuronal and neurotransmitter interactions regulating mammalian sleep-wake behavior” in *Anesthesia and Sleep: recent theoretical and experimental aspects* edited by Axel Hutt (Springer, 2011). This work represents a first step in a theoretical comparative analysis of the neuronal mechanisms that generate sleep-wake behavior.

Behn also published a book chapter entitled “Mathematical models of narcolepsy” in *Narcolepsy: Pathophysiology, Diagnosis, and Treatment* edited by Christian Baumann, Thomas Scammell, and Claudio Bassetti (Springer, 2011). The chapter was the first comprehensive review of mathematical models of the sleep disorder narcolepsy.

Joel Berg, Adjunct Instructor of Interdisciplinary Studies, published “It’s his college and welcome to it” in *The Chronicle of Higher Education* on May 22, 2011. Berg researched and wrote a feature article about a former Ursinus College professor who has been operating a free college in Phoenixville, Pennsylvania geared toward adults. The article examined his reasons for starting the college and the challenges he faces in getting it up and running.

Emelio Betances, Professor of Sociology and Latin American Studies, published “Una trayectoria intelectual norte-sur” in *LASA Forum*, Vol. XLII (August 2011). In this article he describes his intellectual trajectory between the Dominican Republic, the United States, and Mexico. Of particular interest for the North-South Dialogue was a research project he conducted in the Buildner Center for Western Hemisphere Studies at the CUNY-Graduate Center, which culminated with the publication of a book titled *The Dominican Republic Today* (1996), where American and Dominican scholars discuss issues of interest for the United States and the

Dominican Republic. It is worth noting that Betances sees his past and present research as part of an effort to increase our understanding of hemispheric affairs.

Marie-Jo Binet, Associate Professor of French, published “Robert Morin: Papa à la chasse aux lagopèdes, ou filmer l’absence” (“Robert Morin’s film: Daddy Goes Ptarmigan Hunting, or How to film Absence.”) in *Revue Canadienne d’Etudes cinématographiques/ Canadian Journal of Film Studies*, 20:1 (Spring 2011): 79-99. This article includes references to the objectives, discoveries and techniques of Quebec Direct Cinema from which Morin’s works emerge. Binet’s analysis of the film’s construction provides an explanation for how and why spectators are drawn into the screen.

Michael J. Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, contributed an article to *Collections, Characters and Communities: Papers from the 9th Conference on Australian Library History* edited by Brian McMullin (Monash University Institute for the Book, 2010). His article is titled “‘Not Yet Ready’: The Carnegie Corporation and Australian University Libraries.” It examines efforts by the Carnegie Corporation of New York to support professionalization and modernization of Australian university libraries during the Depression era, and the inability of most of those libraries to meet the Corporation’s stipulations for grants. The article offers a case study of the one Australian University Library - the University of Adelaide - as exemplar of what the CCNY was trying to nurture.

Josef Brandauer, Assistant Professor of Health Sciences, along with co-authors Stephen J. Prior, Nathan T. Jenkins, Edward P. Weiss, and James M. Hagberg, published “Aerobic exercise training increases circulating IGFBP-1 concentration, but does not attenuate the reduction in circulating IGFBP-1 after a high-fat meal” in *Metabolism*, published on-line on August 17, 2011. Circulating insulin-like growth factor binding protein-1 (IGFBP-1) predicts development of cardiovascular disease, and low IGFBP-1 concentrations are associated with insulin resistance and diabetes. They studied IGFBP-1 concentrations in older men and women undergoing an endurance exercise program and found that regular exercise causes a beneficial increase of IGFBP-1. This study contributes to the body of knowledge concerning risk factors for cardiovascular and other diseases.

John Cadigan, Associate Professor of Economics, along with co-authors Pamela Schmitt, Kurtis Swope, and Rob Shupp published “The Holdout Problem and Urban Sprawl: Experimental Evidence” in *The Journal of Urban Economics*, 69:1 (2011): 72-81. The authors use experimental methods to examine transactions costs and strategic bargaining costs in a land-assembly market game with one buyer, 1–4 sellers, and complementary exchanges. The buyer’s final earnings vary inversely with the number of sellers, *ceteris paribus*, indicating an incentive to purchase consolidated land. Delay costs reduce holdout, but result in lower payoffs for both buyers and sellers. Competition between sellers reduces holdout and the buyer’s total purchase price.

Koren Holland Deckman, Professor of Chemistry, and co-authors Kristina Narfström and Marilyn Menotti-Raymond published “The Domestic Cat as a Large Animal Model for Characterization of Disease and Therapeutic Intervention in Hereditary Retinal Blindness” in *Journal of Ophthalmology* 2011(2011): 1-8. The authors focus on how the large mammal models may be used for the characterization of human disease by understanding the effects of specific genetic mutations. Two well-characterized feline models for vision disorders are highlighted in this article.

Daniel DeNicola, Professor of Philosophy, published a chapter entitled “Liberal Education and Moral Education” in *Character and Moral Education: A Reader* edited by Joseph L. DeVitis and Tianlong Yu (Peter Lang Publishing, 2011): 179-192. This philosophical article advances two claims: (1) though they are not identical, liberal education entails moral education, and (2) moral education must ultimately engage liberal learning.

Felicia Else, Associate Professor of Art History, published “Globefish, Sturgeon and Trout: Duke Cosimo I de’ Medici, Bachiacca and the Consuming Culture of Fish” in *Medicea. Rivista interdisciplinare di studi medicei*, Vol. 9 (June, 2011): 20-29. This article is a study of the portrayal and consumption of fish at the Ducal and Granducal Medici court, giving special attention to what may be the earliest Renaissance depiction of a puffer fish in a set of tapestries by the artist Bachiacca. The article draws on ducal correspondence from the State Archives of Florence as well as literature relating to banquets, natural history, villas and fountains.

Else also published “Bartolomeo Ammannati: Moving Stones, Managing Waterways and Building an Empire for Duke Cosimo I de’ Medici” in *The Sixteenth Century Journal*, 40:2 (Summer 2011): 393-425. This study chronicles the construction and transportation of materials for major art and architectural projects in sixteenth century Florence by the renowned court artist and architect Bartolomeo Ammannati. It draws on unpublished archival documents, including an interdisciplinary study of a canal embankment proposal.

Kay Etheridge, Professor of Biology, published “Maria Sibylla Merian: The First Ecologist?” in *Women and Science, 17th Century to Present: Pioneers, Activists and Protagonists* edited by Donna Andreolle and Veronique Molinari (Cambridge Scholars Publishing, 2011): 35-54. This book chapter examines Maria Merian’s major contributions to the study of natural history and her considerable influence on the naturalists and scientists who followed her. Merian’s richly illustrated books were not only the first to depict the life cycles of insects along with their plant hosts; they were also the first to emphasize interactions among the species portrayed – the very foundation of the study of ecology.

Nathalie Goubet, Associate Professor of Psychology, with co-authors Benoist Schaal and Maryse Delaunay-El Allam published “Concordances et discordances entre sensorialité et écologie néonatales : attentes sensorielles et réponses adaptatives chez l’enfant prématuré”(Concordance and discordance between sensory development and neonatal ecology : Sensory expectations and adaptation in the premature child) in *Le développement de l’enfant né prématuré* edited by D. Mellier (Solal, Marseille, France, 2011). The chapter focuses on the need for human newborns to receive appropriate sensory experiences for optimal later development.

Julia Hendon, Professor of Anthropology, published a book chapter “Household Archaeology and the Study of Gender” in *Engendering: Households in the Prehistoric Southwest* edited by Barbara J. Roth (University of Arizona Press, 2010): 260-265. Hendon was invited by the editor to write an overview of the papers in the volume and to comment on their contributions to the study of gender.

Alvaro Kaempfer, Associate Professor of Spanish and Latin American Studies, published “1910. Balances y perspectivas: Luis Emilio Recabarren y Alejandro Venegas ante el Centenario” in *REVISTA ARAUCARIA*, 13.25 (2011): 147-164. The article considers the debates surrounding the centennial celebrations of the Latin American independences by two authors, Luis Emilio Recabarren and Alejandro Venegas. In this article, Kaempfer addresses the claim made by both authors about the collapse of the historical cycle opened by the independence process in the previous century marked by the depletion of the dreams of community, happiness and sovereignty drawn by those remote stories of liberation and embodied initially by Nations. Recabarren’s emphasis on the breakdown of national emancipation and Venegas’s statement about the moral collapse of its leadership led them to explore the memories of a hundred years of national history and the impact of social events indicating its end.

Benjamin Kennedy, Assistant Professor of Mathematics, published “Multiple periodic solutions of an equation with state-dependent delay” in *Journal of Dynamics and Differential Equations*, 23 (2011): 283-313. In this article the author proves the existence or multiple periodic

solutions of a delay differential equation with state-dependent delay. The equation models control of an object's position by means of reflected signals.

Kennedy with co-author Aaron Hoffman published "Existence and uniqueness of traveling waves in a class of unidirectional lattice differential equations" in *Discrete and Continuous Dynamical Systems A*, 30 (2011): 137-167. The article proves the existence and uniqueness of monotone traveling wave solutions for a class of lattice differential equations with unidirectional coupling. The equations include certain ecological and physical models, as well as discretizations of certain partial differential equations.

Laurence Marschall, Professor of Physics, along with eighty other authors, published "The Young Exoplanet Transit Initiative" in *Astronomische Nachrichten*, 332, (2011): 547-561. A description of an international collaboration to search for planets around very young stars by looking for dips in the light of the stars caused by the passage of the planets in front of the stars. Though over 1500 planets outside our solar system have been discovered so far, none has yet been discovered around stars less than about a billion years old, so this study, concentrating on stars only a few million years old, hopes to shed light on the earliest stages of planet formation. This initial paper describes the telescopes used (including the Gettysburg College Observatory), and presents some first results of light variations detected in some of the stars (but no planets so far).

Deirdre McAnally, Adjunct Assistant Professor of French, published "Fabrication, déchiffrement, et chiasme: l'autobiographie dans *W ou le souvenir d'enfance* et 53 jours de Georges Perec" in *Romance Studies*, 29:1 (January 2011): 19-26. This article is an example of how professors can impact student research. McAnally researched Perec's novel in two different graduate courses then furthered and refined these class projects to produce a work of original scholarship.

Brian P. Meier, Associate Professor of Psychology; Julie J. Chen, Assistant Professor of Psychology; Arlen C. Moller; Miles Riemer-Peltz ('10), published "Spatial Metaphor and Real Estate: North-South Location Biases Housing Preference" in *Social Psychological and Personality Science*, Vol. 2 (2011): 547-553. This article examines the influence of north-south map directions on housing preference and stereotypes about high and low SES individuals.

Jackie Milingo, Associate Professor of Physics, and R.B.C. Henry, K.B., Kwitter, A.E Jaskot, B. Balick and M.A. Morrison published "Abundances of Galactic Anticenter Planetary Nebulae and the Oxygen Abundance Gradient in the Galactic Disk" in *ApJ*, 724, 748 (2010). In this paper she worked with collaborators to compile the chemical abundances of a total of 124 Milky Way planetary nebulae. These objects are numerous in our galaxy and can be used to map the spatial and temporal distribution of elements such as oxygen. This type of information is used as an observational constraint on the dynamic and chemical evolution of our Galaxy.

Kaoru Miyazawa, Assistant Professor of Education, published a book chapter entitled "Nostalgia" in *Keywords in youth studies: tracing affects, movements, and knowledges* edited by Nancy Lesko and Stuart Talburt (Routledge, 2011). This chapter traces back the origin and evolution of the notion of nostalgia and examines how individual and collective nostalgia manifest in lives of youths.

Salma Monani, Assistant Professor of Environmental Studies, along with Carlo Arreglo and Belinda Chiu edited "Coloring the Environmental Lens: Interdisciplinary Perspectives in Cinema, New Media, and Just Sustainability" in a special issue of *Environmental Communication: A Journal of Nature and Culture*, 5: 2 (2011). Monani wrote the introduction to the issue entitled "At the Intersections of Ecoscience and Just Sustainability: New Directions for Communication Theory and Practice." This special issue of *Environmental Communication: The Journal of Nature and Culture* captures research at the intersections of media and environmental justice theory and practice.

John Murphy, Assistant Professor of French, published “Baguettes, Berets and Burning Cars: The 2005 Riots and the Question of Race in Contemporary France” in *French Cultural Studies*, 22:1 (2011): 33-49. This article explores how the concept of race was used by a cohort of French youth living in a low-income housing project during the months leading up to and following the fall 2005 youth riots in France. It suggests that facile comparison between the American and French contexts, frequently encountered in the American media and elsewhere at the time, is apt to be more misleading than helpful.

Heather Odle-Dusseau, Assistant Professor of Management, and J.L. Thomas, T.W. Britt, and P.D. Bliese published “Dispositional optimism buffers combat veterans from the negative effects of warzone stress on mental health symptoms and work impairment” in *Journal of Clinical Psychology*, 67 (2011): 866-880. The results of this research showed that optimism can act as a buffer to stressful situations, in that combat veterans who experienced mental health problems, as well as those who experienced both traumatic and mundane stressful events and who also reported high levels of optimism, were less likely to report negative effects of these stressful experiences.

Odle-Dusseau along with co-authors C.H. Van Iddekinge, P. Roth, and P.H. Raymark published “The criterion-related validity of integrity tests: A Meta-analysis of the published literature” in *Journal of Applied Psychology* (2011). This research provides an up-to-date assessment of the research on the effective use of integrity tests for organizational selection, a tool used by many organizations when determining what applicants to hire for their organization.

Karen Pinto, Assistant Professor of History, published “Trans-medieval geographic anxieties” in *Dialogues in Human Geography*, 1:2 (2011): 183-185. This response addresses Lilley’s concern in “Geography’s medieval history: A neglected enterprise?” from the perspective of a former student of geography, now historian of medieval Islamic history and Islamic cartography. It takes into consideration the impact of spatial and visual turns and suggests that air-tight disciplinary categories no longer exist.

Pinto published “The Maps Are The Message: Mehmet II’s Patronage of an ‘Ottoman Cluster’” in *Imago Mundi*, 63:2 (2011): 155-179. In this article Pinto expands the perspective on Mehmet’s cartographical milieu by inserting into the historical picture consideration of a recension of cartographically illustrated manuscripts, those of al-Istakhri’s *Kitab al-Masalik wa-al-Mamalik* (Book of Roads and Kingdoms), dating from 1474 onwards and made in post-conquest Ottoman Constantinople. Pinto set out the circumstances under which this ‘cluster’ of manuscripts may have been copied and suggests ways in which the maps can be interpreted as cultural artifacts that provide insights into map audience, patronage and propaganda in fifteenth-century Ottoman Anatolia.

Jonelle Pool, Associate Professor of Education; Charles Dittrich ('99); Ken Pool published “Arts integration in teacher preparation: Teaching the teachers” in *Journal for Learning through the Arts: A research journal on arts integration in school*, 7:1 (2011).

Dave Powell, Assistant Professor of Education, published “Finding Hope in Atlanta” in *Education Week*, Vol. 31 No. 1 (2011): 25, 30. This was a comment on the implications of the school cheating scandal in Atlanta and how the culture of intimidation, fear, and retaliation it exposes can be traced to the “No Child Left Behind” law and the seemingly endless battery of tests it authorizes.

Carol R. Rinke, Assistant Professor of Education, published “Career trajectories of urban teachers: A continuum of perspectives, participation, and plans shaping retention in the educational system” in *Urban Education*, 46.4 (2011): 639-662. This study investigates how urban teachers think about their careers as they develop over their first few years in the classroom, a critical period for teacher retention.

Marta Robertson, Associate Professor of Music and Chair of Interdisciplinary Studies, published “Dance” in the Music Model edition of Oxford Bibliographies Online Music Module. Robertson was commissioned to write one of the fifty initial foundational articles for the launch of the Music Module. These are subject bibliographies, written specifically for online researchers, and described by their editor Bruce Gustafson as “rich with citations and annotations, expert recommendations, and narrative pathways to the most important works” in a topic on music.

Bassam Romaya, Visiting Assistant Professor of Philosophy, published “Erectus Interruptus: All Erections Are Not Equal” in *The Philosophy of Viagra* edited by Thorsten Botz-Bornstein (Rodopi, 2011): 191-204. This book chapter examines Viagra’s role in the lives of transmen and the ways in which Viagra privileges biologically male-born erections over transerections.

Timothy Shannon, Professor and Chair of the Department of History, published “Benjamin Franklin and Native Americans” in *A Companion to Benjamin Franklin* edited by David Waldstreicher (Wiley-Blackwell, 2011): 164-82. The essay examines Benjamin Franklin’s shifting relationship with, and impressions of, Native Americans over the long course of his career as a printer, colonial politician, diplomat, and writer.

Shannon also published with Victoria Bissell Brown a third edition of the two-volume textbook *Going to the Source: The Bedford Reader in American History* (Bedford/St. Martin’s Press, 2012). This U.S. History textbook is designed to introduce undergraduate students to the sources and methodologies used by historians. It includes six new chapters on source materials ranging from newspaper editorials to folk ballads.

Megan Adamson Sijapati, Assistant Professor of Religious Studies, published a book entitled *Islamic Revival in Nepal: Religion and a New Nation* (Routledge, 2011). This book draws on extensive fieldwork among Muslims in Nepal to examine the local and global factors that shape contemporary Muslim identity and the emerging Islamic revival movement based in the Kathmandu valley. Nepal’s Muslims are active participants in the larger global movement of Sunni revival as well as in Nepal’s own local politics of representation. The book traces how these two worlds are lived and brought together in the context of Nepal’s transition to secularism, and explores Muslim struggles for self-definition and belonging against a backdrop of historical marginalization and an unprecedented episode of anti-Muslim violence in 2004.

Stephen Sivi, Professor of Psychology, along with co-authors Cynthia Crawford (California State University, San Bernardino), Garnik Akopian and John Walsh (University of Southern California) published “Dysfunctional play and dopamine physiology in the Fischer 344 rat” in *Behavioural Brain Research*, f220 (2011): 294-304. This article describes the results from a series of behavioral, neurochemical, and neurophysiological experiments designed to determine whether deficits in dopamine physiology may account for dysfunctional play of the inbred Fischer 344 rats. The data reported in this article indicate that deficits in play observed in the Fischer 344 rat may be due to reduced dopamine modulation of specific neural circuits in the brain that are critical for executing play behavior in the rat.

Carolyn S. Snively, Professor of Classics, published “The New Basilica at Golemo Gradište, Konjuh: a Late Antique Church in the Province of Dardania” in *Niš and Byzantium*, IX (2011): 187-201. This article describes the episcopal basilica at Konjuh as it was known through the 2010 season of excavation, against the background of ecclesiastical architecture in the province of Dardania.

Eileen Stillwaggon, Professor of Economics and Harold G. Evans Chair in Eisenhower Leadership Studies, published a chapter entitled “Race, Sex, and the Neglected Risks for Women and Girls in Sub-Saharan Africa” in *AIDS, Gender, and Economic Development* edited by Cecilia A.

Conrad and Cheryl R. Doss (Routledge, 2012): 67-86. This work examines racial stereotypes that distort the analysis of HIV epidemics in sub-Saharan Africa and block effective prevention policies.

Michael Strickland, Assistant Professor of Physics; Matthew Margotta ('11); Kyle McCarty ('11); Christina McGahan ('11); David Yager-Elorriaga ('10) published “Quarkonium states in a complex-valued potential” in *Physical Review D*, 83: 105019 (2011). In this paper Dr. Strickland and four Gettysburg students make the first calculation ever of the impact of Landau damping on the binding energies and decays widths of heavy quark bound states in a quark gluon plasma. In addition to this, they also present an analytic solution to the n-dimensional quantum harmonic oscillator with a complex-valued spring constant and compare to numerical solutions.

Strickland with co-author M. Martinez published “Non-boost-invariant anisotropic dynamics” in *Nuclear Physics A*, 856 (2011): 68-87. In this paper Drs. Strickland and Martinez derive partial differential equations which can be used to describe the time evolution of systems which might possess a high degree of momentum-space anisotropy. This approach dramatically improves upon the usual near-isotropy, near-equilibrium approach of viscous hydrodynamics. As an application of the framework Drs. Strickland and Martinez numerically solve the resulting partial differential equations in order to describe the time evolution of a quark gluon plasma as created in an ultrarelativistic heavy ion collision.

Strickland with co-authors M. Attems and A. Rebhan published “Plasma instabilities in heavy ion collisions” in *APCPC*, 1343(2011): 614. Non-Abelian plasma instabilities play a crucial role in the non-equilibrium dynamics of a quark-gluon plasma. Such instabilities have been proposed as a possible mechanism for the fast apparent thermalization of the quark-gluon plasma and have been extensively studied in stationary anisotropic plasmas using the so-called hard-loop approximation. The generalization to the hard-expanding-loop (HEL) formalism allows the (numerical) calculation of the time evolution of gluonic fields in the more realistic dynamical case of anisotropic expansion.

Kristin Stuempfle, Professor of Health Sciences, with co-authors Ian Rogers, Ginger Hook, Martin Hoffman and Tamara Hew-Butler published “An Intervention Study of Oral versus Intravenous Hypertonic Saline Administration in Ultramarathon Runners with Exercise-Associated Hyponatremia: A Preliminary Randomised Trial” in *Clinical Journal of Sports Medicine* 21(2011): 200-203. This paper compared treating hyponatremia with either oral or intravenous hypertonic saline.

James Udden, Associate Professor of Film Studies, published “On the Shoulders of Giants: Tsai Ming-liang, Jia Zhangke, Fruit Chan and the Struggles of Second Generation Auteurism” in *The Chinese Cinema Book* edited by Song Hwee Lim and Julian Ward (British Film Institute, 2011):158-166. This article discusses a recognized director from each of the major Chinese-language cinemas: Tsai Ming-liang (Taiwan), Jia Zhangke (PRC) and Fruit Chan (Hong Kong). It explores how in each case they have to deal with the shadows of those coming before them, and yet how each has dealt with this burden in different ways.

Kerry Walters, Professor of Philosophy, edited a book entitled *Thomas Paine's The Age of Reason* (Broadview Press, 2011). The book is a critical annotated edition of Paine's *The Age of Reason* (1794), with Introduction and Appendices of selections from Paine's other religious writing, his deist influences, and his contemporary opposition.

Chuck Wessell, Assistant Professor of Mathematics, and Tim Chartier published “A Nonnegative Analysis of Politics” in *Math Horizons*, Vol. 18 (2011): 10-13. Nonnegative matrix factorization is used to place the 48 contiguous U.S. states into clusters based on their voting behavior in presidential elections from 1912 through 2008.

Kurt Andresen, Assistant Professor of Physics; Olayinka Fasawe ('14); Ben Constable ('13); John Giannini ('12); Chongli Yuan, and Xiangyun Qiu presented the poster “Electrostatic Effects of the Ion Atmosphere on Nucleosome Core Particle Attraction” at the conference Dynamic DNA Packaging Across Kingdoms: Chromatin & Beyond sponsored by the Biophysical society. The presentation focused on the positive ions that cause nucleosome-nucleosome attraction and provided new evidence about the role played by the positively-charged nucleosome tails.

Rimvydas Baltaduonis, Assistant Professor of Economics, presented “Valuation Structure in First-Price and Least-Revenue Auctions: An Experimental Investigation” in Sydney, Australia, August 9, 2011. The presentation kicked off the brand new Sydney Experimental Brownbag Seminar organized jointly by three major Sydney universities: The University of New South Wales, the University of Sydney and the University of Technology, Sydney.

Baltaduonis also presented a paper, co-authored with Tihomir Ancev, Tim Capon and **Taylor Smart ('13)**, entitled “Flicking the Switch: Retail Demand-Side Response under Alternative Electricity Pricing Contracts” during the research symposium of the Second Sydney Winter School on Experimental Economics at the University of Sydney on July 20, 2011. 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.

Clinton Baugess, Reference and Instruction Librarian, presented a poster at the Associated College Libraries of Central Pennsylvania spring conference on April 8, 2011. The poster, titled “Blogging the Library: Marketing and the Undergraduate Intern Experience,” demonstrated how to use student blogging as a reflective writing exercise for student interns and as a marketing tool to highlight libraries as centers of student experiential learning for future student interns and donors.

Baugess, along with Willie Miller of Indiana University-Purdue University, Indianapolis, presented a poster at the Association of College and Research Libraries conference on March 31, 2011. The poster, titled “Movies, Music, and Professional Development: Indiana University Bloomington’s Residence Hall Libraries,” provided a case study on possible partnerships between libraries and residence life divisions on university and college campuses to create libraries in residence halls that support undergraduate student learning and provide professional development for graduate students in library and information science.

Cecilia Diniz Behn, Assistant Professor of Mathematics, delivered two invited lectures at the Radcliffe Institute, Harvard University in Boston, Massachusetts on May 9, 2011. Diniz Behn was invited by the organizers of the Radcliffe Symposium titled “Translating sleep research to the real world: Developing a regulatory framework for drowsy driving, and exploring the challenges of physiologically based modeling.” The lectures, titled “Developing multi-scale models of sleep/wake regulation” and “Modeling the ultradian rhythm” described key issues in sleep modeling and implications for basic science. This Radcliffe Symposium focused on the links between mathematical modeling of sleep and public policy related to drowsy driving. It brought together mathematicians, scientists, clinicians, and policymakers.

Behn also delivered a lecture at the Society for Industrial and Applied Mathematics conference on Applications of Dynamical Systems in Snowbird, Utah on May 24, 2011. The lecture entitled “Modeling circadian modulation of sleep-wake regulatory dynamics” was part of the mini-symposium “Modeling Dynamics of Sleep-Wake Regulation” co-organized by Diniz Behn. This lecture discussed the role of bi-directional neuronally-mediated interactions between sleep and circadian systems.

Michael J. Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, delivered a paper entitled “The Warrior as Priest: General Edmund Herring and Moral Rearmament in Post World War II Australia” at the annual conference of the Australian and New Zealand American Studies Association, Fort Worth, Texas, February 18, 2011. This paper explored the efforts of a prominent military commander, in his role as Chief Justice of the Supreme Court of the state of Victoria, to combat what he considered to be increasing Godlessness and decadence in post-World War II Australia.

Josef Brandauer, Assistant Professor of Health Sciences; Kelly Eurich (‘10); Jeffrey Sapolsky (‘10) gave an invited talk entitled “Effects of high-fat diet consumption and acute exercise on nicotinamide phosphoribosyl transferase concentrations in liver and skeletal muscle” at the Mid-Atlantic Regional Conference of the American College of Sports Medicine in Harrisburg, Pennsylvania in October 2010. This invited talk provided an update of Brandauer’s research on the importance of a protein called Nampt on the aging process in mammals.

Gerardo Carfagno, Visiting Assistant Professor of Biology, presented the paper “Snakes in the fast lane: thermal strategies of racers (*Coluber constrictor*),” coauthored by Patrick Weatherhead, at the Joint Meeting of Ichthyologists and Herpetologists in Minneapolis, Minnesota on July 10, 2011. The authors demonstrate that species may adopt flexible strategies that differ based on ecological needs: providing the benefits of accurate temperature regulation when required, but becoming metabolically conservative when inactive.

Peter Carmichael, Robert C. Fluhrer Professor of Civil War Studies and Director of the Civil War Institute, was invited to deliver the John Barlow lecture at Indiana University-Purdue University, Indianapolis on October 22, 2010. The lecture entitled “Imagining Slaves as Loyal Confederates: A Dangerous and Enduring Fantasy” explores the current cultural wars over “Southern heritage,” and in particular those who want to disassociate the Confederacy from the evils of slavery and racism.

Paul Carrick, Adjunct Professor of Philosophy, presented a paper entitled “Leopold’s Concept of Land Health: Implications for Sound Public Health Policy” at Charles National University in Prague, Czech Republic on July 12, 2011. The six-day international Conference centered on the topics of human rights and public health. Carrick argued that the American environmentalist and educator Aldo Leopold (1887-1948) was ahead of his time by linking environmental health to human health. Leopold anticipated and affirmed core philosophical principles now widely accepted as essential for the integrity of both national and international public health care programs worldwide.

Ronalee Ciocco, Director of User Services and Jessica Howard, Reference and Web Services Librarian, presented a session entitled “Going Mobile: Putting Your Library in the Hands of Your Patrons” at the Associated College Libraries of Central Pennsylvania spring conference on April 8, 2011 in Grantville, Pennsylvania. The presentation described the creation of the Musselman Library new mobile site from finding what the users wanted, to putting the site together, marketing it and assessing the results.

Ciocco and Howard were part of a panel discussion titled “Mobile Hot Topics” at the Computers in Libraries Conference in Washington, D.C. on March 23, 2011. The session covered major topics of applying mobile technology to library settings, providing the what/why/how for beginners and experts to get to the next level, from the basics of mobile technology to the creation of mobile catalogs and websites.

David Crombecque, Visiting Assistant Professor of Mathematics, delivered a talk at the Joint Meetings of American Mathematical Society and the Mathematical American Association in New Orleans on January 10, 2011. The talk was titled “Teaching College Calculus through

Inquiry-Based Learning” and was meant to showcase the implementation and outcomes of a calculus class taught uniquely through inquiry based learning by the author at Gettysburg College in the Fall 2010. The main feature of the class was the absence of lecturing as the content is presented only by students on the board. The instructor then facilitates discussions among students about the material they presented.

Crombecque also presented a paper entitled “Nonorientable Contact Structures on 3-Manifolds” at the Hawaii University International Conference in Mathematics and Engineering on June 15, 2011. In this talk, the author introduced the first examples of a TIGHT Nonorientable Contact Structure for which the oriented double cover is overtwisted.

Koren Holland Deckman, Professor of Chemistry, with student co-authors Brian Lauderback ('12), Shelby Lutz ('12), Amrit Khalsa ('11) and Katrina Dempster ('11) presented a poster entitled “Mutation to Molecular Mechanism of Pathology: A Biochemistry Laboratory Centered Around CRX, A Vision Transcription Factor” in Richmond, Virginia at the American Society of Biochemistry and Molecular Biology Conference for Student-Centered Education in the Molecular Life Sciences in July, 2011. This work demonstrates how a research project can be integrated into the upper level Biochemistry laboratory to show how a genetic mutation translates to the mechanism of pathology.

Daniel R. DeNicola, Professor of Philosophy, was awarded a general session for presentation of his paper, “Friends, Foes, and Nel Noddings on Liberal Education” at the international meeting of the Philosophy of Education Society in St. Louis, MO, March 24-28, 2011. Prof. Nel Noddings of Stanford University was the respondent to his critique of her views on liberal education.

Veronica Antocheviz Dexheimer, Visiting Assistant Professor of Physics, delivered a seminar at the Frankfurt Institute for Advanced Studies (FIAS) in Germany on July 22, 2011. The lecture entitled “Deconfinement to Quark Matter in Magnetars” described the influence of very strong magnetic fields in the liberation of quarks in the interior of compact stars.

Dexheimer also delivered a talk at COMPSTAR 2011, the annual workshop in the physics of neutron stars, in Catania, Italy in May 2011. Dexheimer presented her recently developed model that describes magnetars, compact stars with extremely high magnetic fields, and discussed possible observables that can be used to test how high those magnetic fields can be.

Shelli Frey, Assistant Professor of Chemistry; Nicole Meredyth ('11); Luke Cuculis ('12) presented a paper entitled “Quantifying the effect of detergent on interactions between nanoparticles and a model cell membrane” at the American Chemistry Society Colloid and Surface Science Symposium in Montreal, Quebec in June 2011. Due to their small size, nanoparticles (NPs) have the ability to penetrate cell membranes, and are therefore classified as potential human carcinogens. This behavior could also prove useful for drug delivery and gene therapy applications prompting a need to more thoroughly characterize these NP/membrane interactions. Here, they explore the role of detergents in controlling interactions between nanoparticles and cell membranes.

Michael Gibbons, Visiting Assistant Professor of Sociology, and Abbey Waltmire ('12), Allan Kawala ('13), Kathleen Ragon ('13) authored and delivered a presentation entitled “Transition out of the family home for adults with down syndrome” at the annual convention for the National Down Syndrome Congress in San Antonio, August 2011. The paper was on a community based research project executed in conjunction with the NDSC. The project researched family members’ information gathering and decision making regarding residential options after the family home.

Nathalie Goubet and Dan McCall, Associate Professors of Psychology, Jamie Engelman ('11) and Danielle Willis ('11) presented a poster on May 28 at the 23rd Annual Convention of the American Psychological Society in Washington, DC. The poster described research exploring connections between visual and olfactory perception, and was titled ““Round” Vanilla and “Pointed” Grapefruit: Cross-Modal Associations between Odors/Flavors and Abstract Shapes.”

Ian Andrew Isherwood, Adjunct Instructor and Associate Fellow of History, presented a paper entitled “Subalterns as Survivors: Endurance, Modern War and the Middlebrow Memoir” at The Battle of the Brows: Cultural Distinctions in the Space Between, 1914-1945 conference at McGill University, Montreal, Canada on June 16, 2011. Isherwood’s paper concerned the British officer memoirs of Charles Carrington, Guy Chapman, and Charles Douie and their expressions of martial masculinity through non-fiction war writing.

Thomas Journey, Lecturer in Interdisciplinary Studies and Prelaw Advisor, gave a presentation entitled “Professing Prelaw” at the Northeast Association of Prelaw Advisors conference in Boston in June, 2011. Journey was invited by the conference to present on this topic, and he used the book *Academically Adrift* to discuss some of the current weaknesses in academia and how it affects the work of prelaw advisors and law school admissions professionals, especially those who are also faculty.

Jackie Milingo, Associate Professor of Physics, contributed a poster titled “Further Exploration of Galactic Disk Abundance Gradients” at the International Astronomical Union Symposium #283 - Planetary Nebulae: An Eye to the Future. The conference took place in Puerto De La Cruz, Tenerife, Spain. This is continued work on chemical abundance analysis of our Milky Way Galaxy via the composition of a class of objects known as planetary nebulae.

Milingo and co-author Laurence Marshall, Professor of Physics, published “Rotational Modulation, Shear, and Cyclic Activity in HII 1883” in the International Astronomical Union conference proceedings of Symposium #273 - The Physics of Sun and Star Spots. This is a written overview of a talk that she gave at IAUS 273. The work pulls together nearly 30 years of observations of the magnetically active spotted star HII 1883 and is based on observations made at the National Undergraduate Research Observatory in collaboration with Dr. Laurence Marschall (Gettysburg College), Dr. Steven Saar (Harvard-Smithsonian Center for Astrophysics), and numerous students.

Todd Neller, Associate Professor of Computer Science, presented “Clue Deduction: an introduction to satisfiability reasoning” selected as one of three Model Artificial Intelligence (AI) Assignments through blind peer review in the Model AI Assignments session, at the 2nd Symposium on Educational Advanced in Artificial Intelligence (EAAI-2011). The project presented uses the popular classic board game Clue to teach basic concepts of propositional reasoning as students create an expert Clue reasoning system.

Neller also presented the paper “Rook Jumping Maze Generation for AI Education” which was published in Proceedings of the 24th International FLAIRS Conference (FLAIRS-2011), Palm Beach, Florida, May 18-20, 2011. This paper outlines a suite of introductory Artificial Intelligence programming projects concerning the generation of Rook Jumping Mazes.

Eric E. Noreen, Assistant Professor of Health Sciences; Josef Brandauer, Assistant Professor of Health Sciences; Megan MacNabb ('11) presented a paper entitled “Supplemental fish oil decreases urinary excretion of a marker of bone resorption in healthy adults” at the 8th Annual Conference of the International Society of Sports Nutrition, Las Vegas, Nevada, June 23-25, 2011. Supplementing the diet of healthy adults for 6 weeks with 4g/d of a concentrated fish oil reduced urinary excretion of N-Terminal Telo peptides of Collagen Type I, which is a marker of bone breakdown.

Noreen also presented a paper “Replacing the saturated fat in a western diet with fish oil affects body composition positively” at the 58th Annual Meeting of the American College of Sports Medicine and 3rd World Congress on Exercise in Medicine in Denver Colorado, May 31-June 4, 2011. Growing rats were fed either a typical western diet that was high in saturated fat and sugar, or the same diet with fish oil as the fat source. The rats that were fed the fish oil diet had significantly more muscle mass as well as a significantly greater bone mineral density.

Voon Chin Phua, Associate Professor of Sociology, presented a paper entitled “Gendering Brazilian Graffiti” at the Eastern Sociological Society’s Annual Conference, Philadelphia, Pennsylvania in March 2011. Examining graffiti in Brazil, Phua posited that graffiti artists based their drawing of images in part on socially readable and acceptable representation of gender.

Phua also presented a paper with Joseph Miller entitled “Island Tourism Changing with the Times: Examining Cultural Tourism in Singapore” at The 2nd Island Dynamics Conference, Taking Malta out of the Box, Valletta, Malta in May 2011. This paper discussed the failure and potential rebirth of Singapore’s Haw Par Villa theme park in the context of cultural tourism, placing a special emphasis on Urry’s concept of the ‘tourist gaze.’

Karen Pinto, Assistant Professor of History, delivered a paper entitled “Searchin’ their eyes, lookin’ for traces: The Piri Reis World Map of 1513 & Its Islamic Cartographic Connections (A Reading Through Bağdat 334 and Proust)” at The 24th International Conference on the History of Cartography, Moscow, July 10-15, 2011. The paper details hitherto unnoticed iconographical connections between the classical Islamic mapping tradition and the Piri Reis map in/famous for its portrayal of the New World.

Jennifer Powell, Assistant Professor of Biology, and Hannah L. Anthony (‘12), presented a poster entitled “Role of FSHR-1 targets in regulating the *Caenorhabditis elegans* innate immune response” at the 18th International C. elegans Conference in Los Angeles, California on June 25, 2011. Powell was also the managing judge for the student physiology poster competition. They presented research on the quantitative transcriptional induction of six infection-response genes in C. elegans that have been infected by the bacterial pathogen *Pseudomonas aeruginosa*.

Powell also presented a poster with **Jordann A. Smak (‘11)**, entitled “Expression patterns of an FSHR-1 transcriptional target gene upon infection of C. elegans by P. aeruginosa” at the 18th International C. elegans Conference. The poster was on the temporal and spatial expression patterns of an infection-response gene that is produced by C. elegans infected with the bacterial pathogen P. aeruginosa.

Marta Robertson, Associate Professor of Music and Chair of Interdisciplinary Studies, delivered a workshop entitled “Embodied Transmission of Cultural Values in Two Historic Courts,” at the International Conference of the College Music Society, in Seoul and Gyeongju, South Korea (July 9, 2011). In the 55-minute workshop participants learned sample movements from the minuet and *Udui Kuwadesa*, two iconic dances that exhibit through sound and movement the differing cultural and socio-economic values of two eighteenth-century courts - that of Louis XIV and the former Ryukyuan (now Okinawa) court respectively.

Alicia Rolón, Associate Professor of Spanish, presented a paper at the 6th International Conference on the Arts in Society, Berlin, Germany from May 9-11, 2011. The paper, entitled “The Quest for Truth and Justice in Contemporary Argentinean Fictions,” discussed recently published novels by Paula Pérez Alonso, Patricia Sagastizábal, Cristina Feijóo and M. Teresa Andruetto as current ethical/aesthetical responses to Argentina’s political violence of the 1970s. Rolón considers the novels analyzed here as representative texts of a historical discourse that still permeates Argentina’s literary scene. The Arts, in general, have been playing an important role in Argentina’s long quest for Truth and Justice and these texts are an example of that endeavor.

Carolyn S. Snively, Professor of Classics, presented a lecture entitled “The Episcopal Basilica and the Via Sacra at Stobi, R. Macedonia: Anomalies in the Urban Plan” at the Tenth Niš and Byzantium Symposium, June 3-5, 2011 in Niš, Serbia. Excavations by the Yugoslav-American project during the 1970s solved the question whether the Episcopal Basilica or the street known as the Via Sacra came first by showing that the street had existed for centuries before the construction of the church. But questions remain concerning the entrance to the church from the street; possible arrangements are considered.

Snively also presented a poster entitled “Golemo Gradište at Konjuh, R. Macedonia: The Sixth Century City and its Churches” at the 22nd International Congress of Byzantine Studies, Sofia, Bulgaria, August 22-27, 2011. The poster provided a look at the urban settlement and the three churches excavated there, with a focus on the discoveries in the episcopal basilica on the terrace in 2011.

Deborah Sommer, Associate Professor of Religious Studies, served as co-organizer of the international conference “Body and Person in China,” which was convened at Vilnius University in Vilnius, Lithuania on June 7-8, 2011. Eighteen scholars from ten countries participated in the conference, which was sponsored by the Centre of Oriental Studies and the Confucius Institute of Vilnius University. At the conference she presented the paper “The Body of Confucius in Han Apocrypha.” She will serve as guest editor of the conference proceedings, which will be published in 2012 in a special issue of *Acta Orientalia Vilnensia*, a journal published by the Centre.

Eileen Stillwaggon, Professor of Economics and Harold G. Evans Chair in Eisenhower Leadership Studies, presented “Combating Global Diseases through Global Knowledge Exchange” at the Fourth International Conference on Global Studies, Rio de Janeiro, July 18-20, 2011.

Stillwaggon presented three virtual posters entitled “Modeling Gender Asymmetry in Concurrent Sexual Partnerships: Implications for Prevention Strategy,” “Rush to Judgment: A Systematic Review of STI-HIV Trials,” and “Modeling Coital Dilution in Concurrent Sexual Partnerships” at the 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention, Rome, July 18- 23, 2011.

Stillwaggon also delivered two invited papers: “Environment, Poverty, Neglected Diseases, and HIV” at Universidade Estadual do Norte Fluminense, Campos dos Goytacazes, RJ, Brazil on July 26, 2011, and “NTD-HIV Coinfections” at the International Society for Infectious Disease -Neglected Tropical Diseases Conference in Boston, July 8-10, 2011.

Michael Strickland, Assistant Professor of Physics, presented new work on the suppression of Upsilon states during ultrarelativistic heavy ion collisions at RHIC and LHC, RBRC Quarkonium Workshop, Brookhaven National Laboratory on June 6, 2011. These states are suppressed in the quark gluon plasma due to charge screening and enhanced decay widths. Dr. Strickland showed that a first principles calculation of the effect is possible and presented the excellent agreement between his theoretical model and experimental results from both the Relativistic Heavy Ion Collider (BNL) and the Large Hadron Collider (CERN).

Strickland presented an invited talk at the 2011 American Physical Society’s Topic Group on Hadronic Physics. The talk presented an overview of the current state of the theoretical effort to describe the thermodynamics and dynamical evolution of the quark gluon plasma. Theory of the Quark Gluon Plasma, Spring American Physical Society Meeting, APS Topical Group on Hadronic Physics, Anaheim, California, April 2011.

Strickland delivered an invited seminar to the Nuclear Theory Group at Texas A&M University on his recent work on a new framework for ultrarelativistic fluid dynamics in rapidly expanding systems. Dynamics of an Anisotropic Plasma, Texas A&M University, Nuclear Theory Group Seminar, April 15, 2011

Strickland also delivered invited seminars on his recent work on thermal Upsilon(1s) and χ_{b1} suppression in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the following institutions: Energy and Nuclear Theory Institute, Krakow, Poland on July 14, 2011; The Institute for Theoretical Physics, Johann Wolfgang Goethe University on July 28, 2011; The Institute for Theoretical Physics, Warsaw University, Poland on August 2, 2011; The Institute for Theoretical Physics, Vienna University of Technology, Vienna, Austria on August 10, 2011.

Kristin Stuempfle, Professor of Health Sciences, presented a paper entitled “Race diet in finishers and non-finishers of a 161 km trail run” at the American College of Sports Medicine Annual Meeting in Denver, CO in June 2011. This paper examined the significance of race diet during a 100 mile run in the Arizona desert.

Pauline de Tholozany, Visiting Assistant Professor of French, presented a paper at the annual Nineteenth-Century French Studies conference in Philadelphia, Pennsylvania in October 2011. The lecture, titled “Defying the Laws of Savoir-vivre: a Maladroit’s Guide to Civility,” deals with social inadequacy in nineteenth century France. More specifically, the paper looks at the challenges that clumsiness, involuntary yet transgressive, posed to the general ideal of civility and politeness of the period.

James Udden, Associate Professor of Film Studies, was invited to give a talk at a special bilingual symposium (Japanese and Chinese) at the University of Nagoya in Japan on the Taiwanese director, Hou Hsiao-hsien. The title of the talk was 侯孝賢的[悲情城市]: 國內外之文化大使 (“Hou Hsiao-hsien’s CITY OF SADNESS: A Cultural Ambassador both Home & Abroad”). The paper concerns how Hou’s monumental film from 1989 served as an unofficial ambassador for an island that has few official ties with most nations on earth. The talk was delivered in Chinese with the director present. It has also been published in a Japanese translation of the symposium

Udden also presented a paper entitled “The Other Film International: Iran’s Journalistic Window in World Film Culture” at the Society for Cinema and Media Studies 2011 Conference from March 10-13, 2011, New Orleans, Louisiana. This talk was based on his findings after reading over 60 volumes of Iran’s English language film journal, *Film International*. He explores the various themes that vary from one period to the next, including some surprisingly frank discussions of the rifts both within Iran and Iran’s film world.

Kerry Wallach, Assistant Professor of German, presented a paper at a conference on Jews in Popular Culture at the Jewish Museum in Berlin, May 29-30, 2011. The conference was organized by the Leo Baeck Institute Berlin, Centrum für Jüdische Studien Graz, and Institut für die Geschichte der deutschen Juden Hamburg. The paper, which was delivered in German, focused on the phenomenon of prize contests in the Jewish press of Weimar Germany.

REVIEWS

Marie-Jo Binet, Associate Professor of French, reviewed two films by Robert Morin: *Papa à la chasse aux lagopèdes* (Daddy Goes Ptarmigan Hunting, 2008) and *Le Journal d’un coopérant* (Diary of an Aid Worker, 2010) in *The French Review*, 84.6 (May 2011):1305-1306. The two most recent films by Robert Morin present similar concerns though one is set in North Canada and the other in an unnamed African country. With different, intricate and artistic techniques, they have common themes related to betrayal, social issues and our very strange financial system.

Peter Carmichael, Robert C. Fluhrer Professor of Civil War Studies and Director of the Civil War Institute, reviewed Joseph T. Glatthaar’s *General Lee’s Army: From Victory to Collapse* (Free Press, 2008); Barton Myers, *Executing Daniel Bright: Race, Loyalty, and Guerrilla Violence*

in a Coastal Carolina Community, 1861-1865 (Louisiana State University Press, 2009); Daniel E. Sutherland, *A Savage Conflict: The Decisive Role of Guerrillas in the American Civil War* (The University of North Carolina Press, 2009) in *Reviews in American History*, Vol. 39 (June, 2011): 299-306. This piece was an extended review essay published under the title “The High Water Mark of Social History in Civil War Studies.”

Paul Carrick, Adjunct Professor of Philosophy, reviewed the textbook *Contemporary Bioethics: A Reader with Cases* edited by Jessica Pierce and George Randels (Oxford University Press, 2010) in the journal *Teaching Philosophy*, Vol. 34: 175-179.

Laurel Cohen-Pfister, Associate Professor of German, reviewed *Luftkrieg: Erinnerungen in Deutschland und Europa*, edited by Jörg Arbnold, Dietmar Süß, and Malte Thießen (Wallstein Verlag, 2009) in *German Quarterly*, Vol. 84.1 (2011): 126-127. This volume of essays questions to what extent the air war in WWII is a European site of memory and whether a European memory of the air war even exists. It examines memory processes themselves, meaning the who, the why, and the how of remembering and is of interest for scholars interested in how memory cultures evolve.

Felicia Else, Associate Professor of Art History, reviewed *Art of Renaissance Florence, 1400-1600* by Loren Partridge (University of California Press, 2009) in *Sixteenth Century Journal*, Vol. 42/1 (Spring 2011): 313-314. This review assesses the contributions offered in a new survey of art produced in Renaissance Florence.

Fritz Gaenslen, Associate Professor of Political Science, reviewed *China's Capital Markets: Challenges from WTO Membership* edited by Kam C. Chan, H.G. Fung, and Qingfeng Liu, in *Journal of Asian Business*, Vol. 24 (2010):117-119. The journal is published by the Ross School of Business and the Center for Chinese Studies at the University of Michigan.

James Udden, Associate Professor of Film Studies, reviewed the 29th Vancouver International Film Festival in *Film International* (October 30, 2010, online edition). This is a film festival report written after James Udden attended the Vancouver International Film Festival in October 2010. However, given that he saw roughly three dozen films in a little over a week, this only reported on a small portion of the films he saw there.

PROFESSIONAL ACTIVITY

Rimvydas Baltaduonis, Assistant Professor of Economics, taught at the annual seminar for the state public utility commissioners and their staff. The seminar was organized by the Institute for Regulatory Law and Economics (IRLE), in Aspen, Colorado, May 21-25, 2011. 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. Dr. Baltaduonis was responsible for the experimental economics part of the curriculum.

Anver Dorman, Assistant Professor of Theory and Composition at the Sunderman Conservatory of Music, was interviewed and profiled by the *New York Times* on April 10, 2011 in its Sunday Arts and Leisure Section. The article was written by Allan Kozinn.

Dorman's Niggunim, which premiered on April 16, 2011, was reviewed by Vivien Schweitzer of the *New York Times*. The reviewer wrote: “When asked by the violinist Gil Shaham and his sister, the pianist Orli Shaham, to write a work for their concert of Jewish music at the 92nd Street Y, the composer Avner Dorman decided not to create a piece with traditional Jewish melodies.

Instead, Mr. Dorman — an Israeli composer whose influences run the gamut from Bach and Bartok to the jazz guitarist John McLaughlin — explored Jewish traditions from around the world, including Central Asian wedding songs and North African cantillations. He meshed those idioms with other traditions like Macedonian dances and Georgian folk rhythms to create the electric *Niggunim* for piano and violin. The work had its premiere on Saturday night at the 92nd Street Y, given a dynamic performance by the Shaham siblings. *Niggun* is a Hebrew word meaning soulful melody; the music often has repetitive and improvisatory elements. Mr. Dorman's piece opened with a haunting, slightly dissonant *Adagio*, whose eerie melody was etched out by Mr. Shaham in a high register. In the third-movement *Adagio* the piano took over, slowly teasing out a similarly haunting tune in the upper register. Mr. Shaham plunged into the virtuosic thickets of the *Scherzo* with aplomb, revealing its improvisatory melodies with flair. The concluding *Presto* unfolded in a kaleidoscopic blaze, a frenzy of jazzy rhythms and explosive energy."

Shannon Egan, Director of Schmucker Art Gallery, was invited to co-curate an exhibition entitled "Medium of Exchange" at Towson University's Center for the Arts Art Gallery as part of Artscape in Baltimore, America's largest free arts festival. This exhibition featured the work of fourteen artists from the Baltimore/Washington, DC area and asked the artists to justify, explain, or itemize the financial and/or conceptual cost of the work, given the seemingly subjective notion of value in today's volatile economy. Egan also wrote a curatorial essay that contextualizes each artist's work within the larger theme.

Daniel R. Gilbert, Jr., David M. LeVan Professor of Ethics and Management, has accepted appointments to the Board of Directors, Mediation Services of Adams County and to the Advisory Board of the Adams County Literacy Council.

Thomas Journey, Lecturer in Interdisciplinary Studies and Prelaw Advisor, was elected as Member-at-Large for the Northeast Association of Pre-Law Advisors (NAPLA). NAPLA meets quarterly and organizes an annual conference for prelaw advisors, law school admissions officers, and others in the prelaw professions.

Jackie Milingo, Associate Professor of Physics, presented a colloquium at the Rochester Institute of Technology titled "Rotational Modulation and Cyclic Activity in Spotted Stars" on May 9, 2011. During this colloquium she discussed Gettysburg's involvement in the National Undergraduate Research Observatory and how student and faculty efforts have generated a very valuable collection of data that can be used to understand magnetic activity in stars like our sun. Milingo presented the most recent compilation of data and analysis for one of the stars in this study.

Todd Neller, Associate Professor of Computer Science and Chair of the Department of Computer Science, chaired both the FLAIRS-2011 special paper track on Artificial Intelligence (AI) Education on May 18-20, 2011, in Palm Beach, Florida, and the EAAI-2011 session on Model AI Assignments on August 9-10, 2011 in San Francisco, California. Neller has been chairing the FLAIRS track since 2004 and the EAAI session since 2010 as a founding organizer.

Michael Ritterson, Professor Emeritus of German, representing the jury for the sixteenth annual Helen and Kurt Wolff Translator's Prize, delivered the laudatory address honoring Jean M. Snook's translation of *Der ferne Klang / The Distant Sound*, by Austrian novelist Gert Jonke (Dalkey Archive Press, 2010). The award ceremony, hosted by the German Consul General and the Goethe-Institut Chicago, took place June 13, 2011 at the Chicago Cultural Center. Ritterson is one of five literary translators and editors, Americans and Germans, currently serving as jurors for the Wolff Prize, which is given for an outstanding translation of a significant work from German into English published the previous year in the United States.

Bassam Romaya, Visiting Assistant Professor of Philosophy, has been elected to serve as Co-Chair of the Society for Lesbian and Gay Philosophy. His term begins in the fall of 2011.

Jack Ryan, Vice Provost, served as a panelist for a session entitled “Creating Institutional Change” at AAC&U’s Bringing Theory to Practice Retrieval Conference, held June 13-14, 2011, in Washington, DC. The panel also included representatives from the University of Nebraska and Evergreen College. Ryan discussed the connection between College Life and our academic program. Specifically, he focused on outcomes gleaned from the First Year Seminar and First Year Experience pilot, which was conducted during the fall 2010 semester.

Deborah Sommer, Associate Professor of Religious Studies, presented lectures and seminars on Confucianism at the Tallinn University Summer School course “World Philosophy: East Asian Thought Systems.” The course was convened at Tallinn University in Tallinn, Estonia from July 25-29, 2011.

Sommer presented the invited lecture “Depictions of Confucius in the West” at the University of Iceland on April 6, 2011. The lecture was sponsored by the School of Humanities and the Northern Lights Confucius Institute of the University of Iceland in Reykjavik.

Sommer also presented a series of lectures on Confucian iconography at the invitation of the Chiang Ching-kuo International Sinological Centre at Charles University in Prague from May 4-6, 2011. Her public lectures were entitled “Beyond the Analects: Unusual Depictions of Confucius,” “Images for Iconoclasts: Depicting Confucius in the Cultural Revolution,” and “Depictions of Confucius in the West.”

PROFESSIONAL DISTINCTION OR AWARD

Peter S. Carmichael, Robert C. Fluhrer Professor of Civil War Studies and Director of the Civil War Institute, was selected to serve on the Editorial Board of *The Journal of the Civil War Era* (Published by the University of North Carolina Press). *The Journal of the Civil War Era* is the leading scholarly publication in the field of Civil War Era Studies.

Veronica Antocheviz Dexheimer, Visiting Assistant Professor of Physics, was awarded a grant to spend one month in the summer of 2011 at the Frankfurt Institute for Advanced Studies (FIAS) in Germany for research. Together with the astrophysics group, she developed a mathematical model to describe magnetars, which are compact stars that have an incredibly high magnetic field.

Brian Meier, Associate Professor of Psychology, with Ben Wilkowski of the University of Wyoming, received a grant of \$182,024 from the John Templeton Foundation for a project titled “From Virtuous Thoughts to Virtuous Behaviors: Using a Cognitive Training Paradigm to Reduce Aggression and Enhance Pro-Social Behavior.” This project will use a cognitive training paradigm to reduce aggression and increase pro-social behavior.

Kaoru Miyazawa, Assistant Professor of Education, was nominated as one of the finalists for the American Educational Research Association Division B (Curriculum Studies) Dissertation Award in April 2011.

Janet M. Powers, Professor Emerita of Interdisciplinary Studies and Women, Gender, and Sexuality Studies, was awarded two grants to conduct research in Bosnia during summer 2011. A short-term travel grant from IREX funded research for a new book on grass-roots peace building, “Rebuilding Social Capital: Bosnian Women Recovering from War,” to be written in

conjunction with co-researcher, Marica Prozo. A grant from the Sisters of Loretto funded “Cultural Bridging with Folkloric Dance Groups in Bosnia.” Both projects were carried on simultaneously during six weeks of research.

Michael Strickland, Assistant Professor of Physics, has been awarded a three-year \$141,000 grant from the National Science Foundation for a proposal titled “Dissipative Dynamics of the Quark Gluon Plasma.” The funding will support his effort to implement a new dynamical framework for quark gluon plasma evolution which is based upon preliminary work he published in the fall of 2010.

Chuck Wessell, Assistant Professor of Mathematics, was named a Project NExT Fellow for 2011-12. Project NExT (New Experiences in Teaching) is a Mathematics Association of America professional development program for a new or recent Ph.D. in the mathematical sciences.

CREATIVE ACTIVITY

Jim Agard, Associate Professor of Art, exhibited two sculptures titled “Ribbed Series # 2” and “Ribbed Series #3” at the Adams County Arts Council’s 8th Annual Juried Exhibition. The exhibition was on view from June 10 - 19 in the Schmucker Hall Gallery.

Agard also exhibited ten drawings at the Brink Gallery in Missoula, Montana from June 3-25, 2011. The group exhibition was titled “Soundings” and was curated by **Kerri Rosenstein ('98)**. These ten drawings were preliminary drawing for a series of wall structures titled “Inverted Illusions.” There were two drawings in each set. One drawing was a front view and the other was viewed from a 45 degree angle.

Avner Dorman, Assistant Professor of Theory and Composition at the Sunderman Conservatory of Music, had his *Spices, Perfumes, Toxins!* performed by the Valencia City Orchestra conducted by Omer Wellber with percussion duo PercaDu. Additionally, *Spices, Perfumes, Toxins!* was performed by Galen Lemmon and Steve Hearn with the Symphony Silicon Valley conducted by Carolyn Kuan on June 4 and June 5, 2011 in San Jose, CA. Excerpts from Dorman’s *Spices, Perfumes, Toxins!* were performed by Eric Goldberg and Shuya Gong and the Chicago Symphony Orchestra on June 7, 2011 in Chicago, IL. *Spices, Perfumes, Toxins!* is a concerto for percussion duo and large symphonic orchestra. Each movement refers to a substance, which is both appealing and dangerous.

Dorman premiered his 3rd Violin Sonata, *Niggunim*, with Gil Shaham on the violin and Orli Shaham at the piano on April 16, 2011, at the 92 Street Y in New York City, NY. The Niggun is a fundamental musical concept of traditional Jewish music. According to Habbad literature, the Niggun serves as a universal language; it ascends beyond words and conveys a deeper spiritual message than words can; a Niggun sung in Yiddish will reach and affect someone who only speaks Arabic and vice versa. The Niggun may be short but since it begins and ends on the same pitch it may be repeated over and over. In this sense, the Niggun has no beginning and no end and is eternal. Niggunim (the plural of Niggun) may be secular or religious, fast or slow, and may be sung and played in a variety of social events and circumstances.

Dorman’s Jerusalem Mix received its German premiere at the Großer Saal of the Hochschule für Musik und Theater “Felix Mendelssohn Bartholdy” in Leipzig on April 20, 2011. The piece takes its title from a popular Israeli dish made of an eclectic assortment of fried meats. The dish, much like the city of its origin, is a melting pot of flavors and characters - each preserving some of its unique characteristics while contributing to the whole. The piece is a collage of short scenes, each portraying one or more aspects of the city of Jerusalem.

Dorman's *Mandolin Concerto* received its Swiss Premiere, performed by Avi Avital and the Israel Camerata conducted by Avner Biron, on April 28, 2011.

Dorman's *Frozen in Time* received its US premiere, performed by Martin Grubinger and conductor Michael Stern with the Kansas City Symphony on April 30 and May 1, 2011 in Kansas City, MO. Additionally, *Martin Grubinger performed Frozen in Time* with the Schleswig Holstein Festival Orchestra conducted John Axelrod on August 21, 2011 at the Schleswig Holstein Festival, in Lubeck, Germany and on August 23, 2011 at the Salzburg Festival, one of the world's premiere music festivals, in Salzburg, Austria. *Frozen in Time* is a multi-percussion concerto originally written for Martin Grubinger.

Dorman premiered his fourth piano sonata *Libi Bamizrach* performed by pianist Xiayin Wang at Alice Tully Hall in Lincoln Center, New York, NY on May 10, 2011. *Libi Bamizrach* (My Heart is in the East) takes its title from a poem by Yehuda Halevi written circa 1141. The poem expresses the author's longings for the east (for Zion). While the sonata does not follow the poem directly in any way, it is an expression of similar memories, longings, and spirituality.

Dorman's (not) *The Shadow* was performed by the Nashville Symphony conducted by Giancarlo Guerrero on May 12-14, 2011, in Nashville, TN. "(not) The Shadow" (not after Hans Christian Andersen) is a symphonic poem which was commissioned by the Magnum Opus project.

Dorman's *Lost Souls* received its West Coast Premiere by Alon Goldstein and the Santa Barbara Symphony conducted by Nir Kabaretti on May 14 and 15, 2011 in Santa Barbara, CA. *Lost Souls* is a piano concerto originally written for Alon Goldstein.

Dorman's *Concerto Grosso* was performed by iPalpiti Soloists conducted by Eduard Schmieder at Temple Arts Center in Philadelphia, PA on May 21, 2011. Additionally, iPalpiti performed *Concerto Grosso* on August 15, 2011 at the Saban Center in Beverly Hills, CA and on August 23, 2011, at Disney Hall in Los Angeles, CA. Inspired by Handel and Vivaldi, *Concerto Grosso* reimagines the genre in a modern setting.

Dorman's *Psalm 67* was performed by the Elora Festival Singers conducted by Noel Edison on July 24, 2011 in Elora, Ontario, Canada.

Dorman premiered his new piece *Reflections* with the Cabrillo Festival Orchestra conducted by Marin Alsop on August 14, 2011 at Mission San Juan Bautista, in San Juan Bautista, California.

Marta Robertson, Associate Professor of Music and Chair of Interdisciplinary Studies, participated in a recital honoring the promotion of her sensei, Kazuko Chibana Volkmar, to the status of Kaishu (Grand Master) on June 4, 2011 in Columbus, Ohio. In total, three Grand Masters from Okinawa, with four of their most advanced students were joined by Chibana sensei and thirteen of her students representing her Okinawan dance school (Aharen Honryu Keisen Wa no Kai), all of whom presented Okinawan classical dances to celebrate the joyous occasion.

Timothy J. Sestrick, Instructor of Music in the Sunderman Conservatory of Music, appeared as percussion soloist with the Sunderman Woodwind Quintet in performances of *Sopravento*, by Karen Thomas. The work features more than ten different percussion instruments and was performed in October at Susquehanna University, and in February at the Gettysburg Lutheran Seminary as part of the *Music, Gettysburg!* series. *Sopravento*, which means "against the wind," is a three movement work for woodwind quintet and percussion. Percussion in the first movement is mainly wood, including marimba, xylophone, woodblocks and temple blocks; the second movement is for metal, including vibraphone, crotales, and cymbals; and the third movement is for drums, including timpani and tom-toms.



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