



10-2010

The Faculty Notebook, October 2010

Provost's Office
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"Faculty Notebook, October 2010," Vol XV, No 1 (October 2010), Provost's Office, Gettysburg College.

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The Faculty Notebook, October 2010

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 XV, NO. 1 OCTOBER 2010



PUBLICATIONS

Abou Bamba, Assistant Professor of History and Africana Studies, published “Mémoires épistémiques et pouvoir d’experts dans une postcolonie africaine: Le cas de l’usage des savoirs africanistes par l’ORSTOM en Cote d’Ivoire” in the *Canadian Journal of African Studies*, Vol. 44 (Summer 2010): 1-34. Based on the observation that the Office de la Recherche Scientifique et Technique d’Outre-Mer (ORSTOM) established itself for its work in applied research as the main designer of development planning in the Ivory Coast at the end of the 1960s, this article shows that mobilization of the memories of (social) science discourse (or epistemic memories) by ORSTOM researchers played a key role.

Bamba also published “Rebirth of a Strategic Continent? Problematizing Africa as a Geostrategic Zone” in *African Geographical Review*, Vol. 29 (Summer 2010): 91-100. During World War II, Africa publicly ceased to be the place of safari and became a continent endowed with strategic significance. In this piece, Bamba argues that American geographer-diplomats and politically-minded cartographers played a key role in this shift.

Bamba published “Triangulating a Modernization Experiment: The United States, France, and the Making of the Kossou Project in Central Ivory Coast” in the *Journal of Modern European History*, Vol. 8 (2010): 66-84. Here Bamba analyzes the complex history of the post-war modernization drives in Francophone Africa. Focusing on the damming of the Bandama River in central Ivory Coast, the author argues that the making of Kossou necessitated the importation of regional planning à la Tennessee Valley Authority. Although American know-how and money informed the Bandama project, it was mediated through the expertise of the French development workers and social scientists, a process Bamba calls triangulation.

Emelio Betances, Professor of Sociology and Latin American Studies, published “Movimientos urbanos dominicanos y sus oportunidades políticas en la transición democrática reciente (1978-1991)” in *Temas y procesos de la historia reciente de América Latina* edited by Margarita Lopez Maya, Carlos Figueroa and Beatriz Rajland (Editorial Arcis/CLACSO, 2010). This chapter (pages 171-193) studies recent urban popular movements in the Dominican Republic and suggests that most of them were not successful because of the lack of structured political opportunities.

Michael Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, published essays on Thaddeus Stevens, James Buchanan, and the Presidential Election of 1856, respectively, in *Encyclopedia of U.S. Political History, Volume 3, 1841-1877*, edited by William G. Shade (Congressional Quarterly Press, 2010). These essays provide up-to-date syntheses on their respective subjects, designed for ready reference by students and scholars.

Ronald Burgess, Professor of Spanish, published “Three’s Company in Oscar Liera’s ‘Las Ubarry’” in *Latin American Theatre Review*, Vol. 43 (Spring 2010): 69-77. The article looks at how Liera plays with numbers to pull the reader into the experience of the play.

Gerardo Carfagno, Visiting Assistant Professor of Biology, and co-authors Jinelle Sperry, Gabriel Blouin-Demers, and Patrick Weatherhead, published “Latitudinal Variation in Seasonal Activity and Mortality in Ratsnakes (*Elaphe obsoleta*)” in *Ecology*, Vol. 91 (2010): 1860-1866. The authors show that seasonal activity is similar among populations of ratsnakes across greater than 1500km, and that these patterns may be driven by the timing of reproduction, but that winter mortality increases with latitude. These results suggest that, at least in the northern part of their range, ratsnakes may be able to adjust easily to future climate change.

Paul Carrick, Adjunct Professor of Philosophy, published the chapter “Deep Ecology and End-of-Life Care “ in *Contemporary Bioethics: A Reader with Cases* edited by Jessica Pierce and George Randels (Oxford University Press, 2010). Carrick explores what would likely happen if the Deep Ecology program, associated with the late Norwegian philosopher Arne Naess, were actually adopted by medical centers in the United States and elsewhere (pages 704-713). He shows that this eco-centric philosophy of nature would tend to encourage, but technically not impose, active euthanasia on the chronically or terminally ill. Using hypothetical case studies, Carrick casts doubt on the willingness of the deep ecologists to honor patient autonomy or the related respect for human life ethic.

Amy Dailey, Assistant Professor of Health Sciences, and co-authors Babette Brumback, Zhulin He, Lyndia Brumback, and Melvin Livingston, published “Efforts to adjust for confounding by neighborhood using complex survey data” in *Statistics in Medicine* 2010, Vol. 29 (Aug 15, 2010): 1890-9. This paper is concerned with estimation of individual exposure effects on health outcomes in the presence of confounding by neighborhood effects, motivated by an analysis of National Health Interview Survey (NHIS) data.

Koren Holland Deckman, Associate Professor of Chemistry, and **Jaimie Myrkalo ('09)**, with co-authors Marilyn Menotti-Raymond, Victor David, Stephen O'Brien, and Kristina Narfstrom, published “Mutation discovered in a feline model of human congenital retinal blinding disease” in *Investigative Ophthalmology and Visual Science*, Vol. 51 (2010): 2852-2859. The authors identified a mutation in the gene of a transcription factor that is essential in activating genes involved in the vision cascade. This is the first large animal model for CRX-linked (blinding) disease and closely resembles human cases.

Veronica Dexheimer, Visiting Assistant Professor of Physics, with co-authors A. Mishra, A. Kumar, S. Sanyal, and S. Schramm published “Kaon properties in (proto)neutron stars” in *Eur. Phys. J. A*, Vol. 45 (2010): 169-177. The authors investigate the appearance of kaon and anti-kaon condensation in the interior of (proto-) neutron stars and how this affects the evolution of the star.

Dexheimer, J. Steinheimer, H. Petersen, M. Bleicher, S. Schramm and H. Stoecker published “Hydrodynamics with a chiral hadronic equation of state including quark degrees of freedom” in *Physical Review C*, Vol. 81 (2010): 044913. This article examines the influence of a phase transition to quark matter on the dynamics of hot and dense nuclear matter created in ultrarelativistic heavy ion collisions.

Dexheimer and Schramm published “Novel Approach to Modeling Hybrid Stars” in *Physical Review C*, Vol. 81 (2010): 045201. The authors present a model that is the first to include different degrees of freedom, hadrons and quarks, in the same description of matter at extreme densities. Such a model allows detailed study of the process of deconfinement to quark matter in compact stars.

Joseph Donnella, Chaplain of the College and Adjunct Instructor in Religious Studies, published *Like Other People's Children: The Danish West Indies Lutheran Mission, a Caribbean Prototype of Liturgical Inculturation* (LAP Lambert Academic Publishing, 2010, available in English and German). Donnella provides an academic dissertation on the history, the process of inculturation and the development of missions in the Danish West Indies (modern day U.S. Virgin Islands), including appendices containing translations of a Danish Creole hymnal used in the inculturation process.

Daniel Drury, Associate Professor and Co-Chair of Health Sciences, and co-authors A. Bonetti, J. Danoff, and T. Miller, published "Comparison of acute exercise responses between conventional video gaming and isometric resistance exergaming" in the *Journal of Strength and Conditioning Research*, Vol. 24 (2010): 1799-1803. The investigation was conducted in conjunction with faculty at the George Washington University and explored the physiological differences between passive (traditional) and isometric resistance exergaming.

Drury, K. Wonders, and B. Reigle published "Treatment strategies for chemotherapy-induced peripheral neuropathy: potential role of exercise" in *Oncology Reviews*, Vol 4 (2010): 117-125. This comprehensive review article describes some of the neurological difficulties health professionals must consider when treating patients undergoing chemotherapy. Special consideration is given to the role of exercise as a possible mode of treatment.

Elizabeth Duquette, Associate Professor of English, published *Loyal Subjects: Bonds of Nation, Race, and Allegiance in Nineteenth-Century America* (Rutgers University Press, 2010). Duquette asks, "When one nation becomes two, or when two nations become one, what does national affiliation mean or require?" The book answers this question by looking at how loyalty was used by Northerners during the war, and individuals in both sections after Appomattox, to construct national identity, reestablish moral authority, and define racial characteristics.

Kay Etheridge, Associate Professor of Biology, published "Maria Sibylla Merian's Frogs" in *Bibliotheca Herpetologia*, Vol. 8 (2010): 20-27. The article explores the frogs portrayed in Merian's 1705 work *Metamorphosis Insectorum Surinamensium*. Merian's text and descriptions contain some of the earliest accurate portrayals of amphibian metamorphosis, including the first description of the Surinam toad and its unusual mode of reproduction.

Suzanne Flynn, Associate Professor and Chair of English, published the chapter "Hardy in (a Time of) Transition" in *The Ashgate Research Companion to Thomas Hardy* edited by Rosemarie Morgan (Ashgate, 2010). Flynn explores (in pages 87-100) a transitional period of Hardy's literary career and links his works with the dominant literary and cultural movements of the 1890s.

Shelli Frey, Assistant Professor of Chemistry, and co-authors Eva Chi, Amy Winans, Kin Lok Lam, Kristian Kjaer, Jarek Majewski, and Ka Yee Lee, published "Amyloid- β fibrillogenesis seeded by interface-induced peptide misfolding and self-assembly" in *Biophysical Journal*, Vol. 98 (2010): 2290-2298. The work explores the role of interfaces in the aggregation of amyloid beta (Ab), a protein commonly associated with Alzheimer's disease. The interface induced misfolding identified may serve as an aggregation mechanism for Ab fibril formation similar to that found in affected brains.

Timothy Funk, Assistant Professor of Chemistry, and **Sara A. Moyer ('10)**, published "Air-stable iron catalyst for the Oppenauer-type oxidation of alcohols" in *Tetrahedron Letters* (forthcoming). The article describes Funk and Moyer's efforts to develop an environmentally benign, user-friendly, iron catalyst for alcohol oxidations. We discovered that an air-stable iron compound could be activated as a catalyst for alcohol oxidations by treating it with an amine N-oxide.

Steve Gimbel, Associate Professor and Chair of Philosophy, and **Stephen Stern, Assistant Professor of Religious Studies**, published “Einstein’s Jewish Science” in the *Journal for Cultural and Religious Theory*, Vol. 10 (2010): 25-53. The Nazis tried to denigrate Einstein’s theory of relativity as “Jewish science.” But is it? Depends upon what you mean by “Jewish science.” Gimbel and Stern examine five different interpretations of the phrase to see whether, and in what senses, relativity might actually be “Jewish science.”

Gimbel also published “The Other One and the Other: Moral Lessons From a Reluctant Teacher” in *The Grateful Dead in Concert: Essays on Live Improvisation*, edited by Jim Tuedio and Stan Spector (MacFarland & Co., 2010). In his essay (pages 191-199), Gimbel says the ethos of the Grateful Dead, coming out of the libertarian Haight and Acid Tests, held that life is a phenomenological experiment, which would be undermined by telling someone else how to behave. Yet, the band was a moral teacher in that the lyrics of Hunter and Barlow and the songs the Grateful Dead chose to cover frequently portray those we try not to see the murderers, gamblers, the prostitutes, the poor and blind beggars and humanize them, forcing us to restore their place as real human beings deserving of moral consideration and empathy.

Gimbel and co-author Charles Ward published “Retroaductive Analogy: How to and How Not to Make Claims of Good Reason to Believe in Evolutionary and Anti-Evolutionary Arguments” in *Argumentation*, Vol. 24 (2010): 71-84. Many anti-evolutionary and some evolutionary arguments consist of “just so” stories. Using case studies in the history of biology, we provide formal conditions for what should count as supporting evidence that must be given in support of such explanations in order to have good reason to believe them.

Gimbel and co-author Alexander Schreiber published “Evolution and the Second Law of Thermodynamics: Effectively Communicating to Non-Technicians” in *Evolution: Education and Outreach*, Vol. 3 (2010): 99-106. Creationists argue that the second law of thermodynamics makes evolution impossible. In this article, we create ready-to-hand examples and non-technical explanations that can be used to effectively show why this is not the case.

Darren Glass, Associate Professor and Chair of Mathematics, with co-authors David Joyner and Amy Ksir, published “Codes from Riemann-Roch spaces for $y^2 = x^p - x$ over $\text{GF}(p)$ ” in the *International Journal of Information and Coding Theory*, Vol. 1 (2010): 298-312. The authors let X denote the hyperelliptic curve $y^2 = x^p - x$ over a field F of characteristic p and let D be a G -invariant divisor on $X(F)$. They compute explicit F -bases for the Riemann-Roch space of D in many cases as well as G -module decompositions. AG codes with good parameters and large automorphism group are constructed as a result.

Caroline Hartzell, Professor of Political Science, and Matthew Hoddie edited *Strengthening Peace In Post-Civil War States: Transforming Spoilers Into Stakeholders* (The University of Chicago Press, 2010). This edited volume provides both analytical frameworks and a series of critical case studies demonstrating the effectiveness of a range of strategies for keeping the peace in the wake of civil wars.

Zhining Hu, Assistant Professor of Economics, published *Introduction to Modern Econometrics: Using Stata/ EViews* (China Renmin University Press, 2010). This book strives to bridge a gap between the study of quantitative analysis and econometric/statistical software. More specifically, it provides a comprehensive description of the basic econometric theory and shows how to use Stata/ EViews to perform a variety of econometric analyses.

Hu, with co-authors J. Zheng and J. Wang, published “Human Capital, Education, and Entrepreneurs: Evidence from Yangtze River Delta” in *Scientific Inquiry*, Vol. 11 (2010): 35-48. Their paper reveals a significant positive relationship between entrepreneurs and education demand in the Yangtze River Delta, suggesting that if we are able to promote the growth of entrepreneurial endeavors, we could spur the growth of education demand and further drive human capital accumulation in China.

Kathleen Iannello, Associate Professor of Political Science, published “Women’s Leadership and Third Wave Feminism” in *Gender and Women’s Leadership* edited by Karen P. O’Connor (Sage Publications, forthcoming). The work compares differences in concepts of leadership as they emerged from second and third wave feminist movements.

Alvaro Kaempfer, Assistant Professor of Spanish, published “Por la soberanía nacional y popular: el siglo XIX en las visiones del MIR y los Montoneros” a chapter in *De independencias y revoluciones: Avatares de la modernidad en América Latina* edited by Gastón Lilo and José Leandro Urbina (LOM Ediciones/Université d’Ottawa, 2010). Kaempfer explores (in pages 53-77) the reading of XIX century Latin American independences throughout the foundational documents of two left-wing radical movements of the 1960s and 1970s: MIR in Chile and Montoneros in Argentina.

Brooks Kaiser, Associate Professor of Economics, with co-authors Kimberly Burnett, Sean D’Evelyn, Porntawee Nantamanasikam, and James Roumasset, published “Beyond the Lamppost: Optimal Prevention and Control of the Brown Tree Snake in Hawaii” in *Ecological Economics*, Vol. 67 (2008): 66-74.

Kaiser and Burnett also published “Spatial Economic Analysis of Early Detection and Rapid Response Strategies for an Invasive Species” in *Resource Energy Economics* 67(2010): DOI:10.1016/j.reseneeco.2010.04.007. The authors examine optimal policy for searching for difficult-to-detect invasive species across a bio-economically differentiated landscape once the bottleneck point-of-entry may or may not have been passed by some specimens.

Nick Lantz, Emerging Writer Lecturer in the Department of English, published *The Lightning That Strikes the Neighbors’ House* (University of Wisconsin Press, 2010). *The Lightning That Strikes the Neighbors’ House* is a poetry collection that was selected by former U.S. Poet Laureate Robert Pinsky for the Felix Pollak Prize.

Lantz also published *We Don’t Know We Don’t Know* (Graywolf Press, 2010), a poetry collection that won the Bread Loaf Writers’ Conference Bakeless Prize.

Nathalie Lebon, Associate Professor of Women, Gender, and Sexuality Studies, and co-author Elizabeth Maier, published *Women’s Activism in Latin America and the Caribbean: Engendering Social Justice, Democratizing Citizenship* (Rutgers University Press, 2010). The book’s 22 chapters analyze and document Latin American and Caribbean women’s experiences and the diversity, vibrancy, and effectiveness of their organizing over the course of the last four decades.

Fred Leebron, Professor of English, published “Out Cold,” a 7,000-word short story about a character prone to concussions, in *Tin House* 44, Volume 11 (2010): 162-180.

Carl Leinbach, Professor Emeritus of Computer Science, and Patricia Leinbach published “Using Forensic Investigations and CAS to Motivate Student Interest in Mathematics” in the *International Journal for Technology in Mathematics Education*, Vol. 17. In this paper, the authors propose the use of forensic case studies as a means to provide

students with interesting problem-solving opportunities that capitalize on their natural curiosity about how answers are found to seemingly complex real life problems. We include descriptions of some of the activities we have in our collection of case studies.

Yahya Madra, Assistant Professor of Economics, published the chapter “Political Economy of Oil” in *21st Century Economics: A Reference Handbook*, edited by Rhona Free (Sage Publications, 2010). The chapter is an outgrowth of a Gettysburg College course Madra introduced three years ago. The 8000-word encyclopedic entry (pages 645-653) examines the various aspects of the political economy of oil. It is written for advanced undergraduates, the general learned public, and economists interested in political economy literature on oil.

Madra and co-author Ceren Özselçuk, published “Enjoyment as an economic factor: Reading Marx with Lacan” in *Subjectivity*, Vol. 3 (2010): 323-347. The paper appears in a special issue of the new journal *Subjectivity* focused on “Politics and the Unconscious.” The first part of the paper offers a genealogy of “greed” within the history of economic thought, while the second part offers an alternative analysis of the recent crisis of capitalism, taking the question of enjoyment into account and steering away from the essentialist notions of greed.

Madra and Özselçuk also published a related paper, “Jouissance and Antagonism in the Forms of the Commune: A Critique of Biopolitical Subjectivity” in *Rethinking Marxism*, Vol. 22 (2010): 481-497. In this essay, the authors critically engage with a growing literature on biopolitical governmentality, prompted by the work of Michel Foucault, which presents subjectivity as the decisive locus of both the rule of neoliberal capitalism and the production of the common. Madra’s research agenda with Özselçuk explores the intersection between fields of Marxian political economics and Lacanian psychoanalysis to extend insights on other critical approaches to political economy.

Kaoru Miyazawa, Visiting Assistant Professor of Education, published “Amerika no shokumichi kyōiku 1800 nendai kara konnichi made.” [“Colonial Education in the U.S. From the 1800s to Today.”] in *Association of American Education Studies in Japan: A Handbook of American Curriculum* (Tokyo: Japan, Toshindo, 2010): 185-187. The chapter presents the critical examination of curriculum in the U.S. schools from the 1800s to today, focusing on race, ethnicity, and class.

James Myers, Jr., Graeff Professor of English, published *The Ordeal of Thomas Barton: Anglican Missionary in the Pennsylvania Backcountry, 1755-1780* (Lehigh University Press, 2010). The author’s work draws upon Thomas Barton’s Forbes expedition journal, and a vast collection of manuscript letters, sermons, and other contemporary documents to illuminate the career of the Rev. Thomas Barton (c.1728-80) and thereby appreciate the complex world of the pre-Revolutionary Pennsylvania frontier and more generally of the colonial American backcountry, a turbulent borderland beset by both threats from the French and their Native American allies and challenges to English authority from a largely Scots-Irish Presbyterian population.

Todd Neller, Associate Professor and Chair of Computer Science, and **Clifton Presser, Associate Professor of Computer Science**, published “Practical Play of the Dice Game Pig” in *The UMAP Journal*, Vol. 31 (2010): 5-19. In a previous article, “Optimal Play of the Dice Game Pig,” we computed and described perfect play of the jeopardy dice game Pig, yet this did nothing to significantly improve human play of the game. In this article, we present a technique for strategy comparison, compare the performance of a number of human-playable strategies against optimal strategy, and arrive at a relatively simple strategy that enables one to closely approximate optimal play, yielding insights for strong play of jeopardy games in general.

Neller and co-authors Ingrid Russell, Zdravko Markov, and Susan Coleman published “ML-ExAI: A Project-Based Application-Oriented Model” in *ACM Transactions on Computing Education*, Vol. 10 (2010): Article 11. Machine Learning Experiences in Artificial Intelligence, funded by an NSF CCLI grant, is a suite of introductory Artificial Intelligence projects suitable for presenting diverse AI techniques with a common machine learning theme. This article summarizes the curricular goals, describes the projects in detail, and presents multi-institution assessment of the work.

Eric Noreen, Assistant Professor of Health Sciences, with **Kathryn Yamamoto (07)**, and **Kelli Clair (07)**, published “The reliability of a simulated uphill time trial using the Velotron electronic bicycle ergometer” in *European Journal of Applied Physiology* (June 5 2010): DOI: 10.1007/s00421-010-1501-z. The paper examines the reliability of measuring exercise performance with the Velotron electronic bicycle ergometer.

Robin O’Bryan, Adjunct Assistant Professor of Visual Arts, published “Virtue, Vice and Princely Pleasure: Dwarfs in a Sforza Grammatica” in *Libri & Documenti*, XXXIV-XXXV (2008-2009): 7-23. The essay examines two images of dwarfs in a princely grammatical treatise, showing how the artist used the dwarf figure to not only delight the viewer, but also to convey positive and negative symbolism upholding the moralistic underpinnings of the text.

VoonChin Phua, Associate Professor of Sociology, published “Negotiating Sex and Sexualities: The Use of Sexual Tags in the Brazilian Sex Trade Workplace” in *Archives of Sexual Behavior*, Vol. 39 (2010): 831-841. Based on data from participant observation and interviews with Brazilian sex workers and their clients, Phua examines the intersections of sexual and gender identities with sexual behaviors. The article develops a theoretical construct and sexual tags, which contribute to the literature by suggesting that sexual identity is situational and, more importantly, that the terms may not mean as much to the individuals or to be consistent with our understanding of what they ought to imply, especially when individuals are importing western terms to relate to their foreign clients.

Rutherford Platt, Associate Professor of Environmental Studies, published “The Wildland-Urban Interface: Evaluating the Definition Effect” in the *Journal of Forestry*, Vol. 108 (2010): 9-15. The wildland–urban interface (WUI) is the area where human-built structures and infrastructure abut or mix with naturally occurring vegetation types. In this paper, Platt evaluates the underlying assumptions behind models of the WUI and how these affect the estimated spatial extent of the WUI.

Jonelle Pool, Associate Professor and Chair of Education, and co-authors **Marta Robertson, Associate Professor of Music in the Sunderman Conservatory and Coordinator of Interdisciplinary Studies**, **Kenneth Pool**, and **GailAnn Rickert, Dean of Academic Advising and Chair of Classics**, published “Encouraging Thinking through the Arts” in *The International Journal of the Arts in Society*, Vol. 5 (2010): 207-217. The publication is linked to a workshop presented to the 5th International Conference of the Arts in Society in Sydney, Australia, July 2010.

Michael Ritterson, Professor Emeritus of German, published “Coming of Age in the Camps,” a translated excerpt from *Meine weißen Nächte (My White Nights)*, by Lena Gorelik, in *Foreign Policy Magazine’s* online supplement, “Overcoming the Language Barrier,” May 7, 2010. Lena Gorelik is a journalist living and working in Munich. Her semi-autobiographical novel recounts the sometimes-frustrating experiences of an 11-year-old Russian Jewish girl arriving in Germany with her family as “quota refugees” in the early 1990s. *Meine weißen Nächte* appeared in German in 2004.

Bassam Romaya, Visiting Assistant Professor of Philosophy, published the chapter “The Straight Sex Experiment” in *College Sex and Philosophy* edited by Michael Bruce and Robert Stewart (Wiley-Blackwell, 2010). The essay (pages 28-39) provides a philosophical analysis of sexual experimentation involving heterosexuality, undertaken by self-identified GLBT/Queer college students.

Romaya also published “Queering the Just War Tradition?” in *The American Philosophical Association Newsletters: Philosophy and Lesbian, Gay, Bisexual, and Transgender Issues*, Vol. 10 (2010): 1-6. Romaya analyzes the relationship between the just war tradition and queer theory, eschewing the possibility for unification in a “queer war theory” derivable from either tradition.

Jack Ryan, Vice Provost and Associate Professor of English, published *John Sayles, Filmmaker: A Critical Study, 2nd Edition* (McFarland & Company, 2010), a fully updated revision of the first edition, published in 1988. Ryan includes the story of Sayles’s inauspicious beginning as a second-string actor and his work in fiction, theater, music videos, and television. The text covers Sayles’s films from *Return of the Secaucus Seven* to *Honeydripper*.

Abigail Scholer, Assistant Professor of Psychology, and E. Tory Higgins authored the chapter “Targeting control at different levels of self-regulation” in *Self-Control in Society, Mind, and Brain* edited by Ran Hassin, Kevin Ochsner, and Yaacov Trope (Oxford University Press, 2010). The chapter (pages 312-334) examines how self-control involves managing conflicts within various levels of a self-regulatory hierarchy. Additionally, the authors explore how different mental representations of the same objective self-control conflict may influence behavior and emotion.

Scholer, with co-authors Xi Zou, Kentaro Fujita, Steven Stroessner, and E. Tory Higgins, published “When risk seeking becomes a motivational necessity” in the *Journal of Personality and Social Psychology*, Vol. 99 (2010): 215-231. The article examines motivational factors that influence the likelihood that individuals will be risk-seeking under loss. Four studies provide evidence that prevention motivation (concern with safety and security) is associated with risk-seeking when the risky option is the only way to get back to the status quo ante.

Timothy Shannon, Professor and Chair of History, published “Footnotes and Bloodsport: Francis Jennings on the Early American Frontier” in *Reviews in American History I*, Vol. 38 (June 2010): 199-208. The essay provides a critical retrospective on the work of historian Francis Jennings, a leading figure in early American and Native American history who died in 2000.

Megan Adamson Sijapati, Assistant Professor of Religious Studies, authored “Shaikh Ahmad Sirhindi,” “Nizam ad-din Awliya,” “Ibrahim ibn Adham,” “Pakistan,” “Naqshbandiyya Sufis,” “Jama`at-i Islami,” “Buddhism and Islam,” “Tibet,” “Nepal,” and “Mohandas Karamchand Gandhi” in *Encyclopedia of Islam*, edited by Juan E. Campo (Facts on File, forthcoming). These short essay entries profile places, people, and organizations of significance in Islamic tradition.

Sijapati also published “Festivals and Holidays in Nepali America,” in *Encyclopedia of Asian American Folklore*, edited by Jonathon X. Lee (Greenwood Press, forthcoming). This chapter provides an overview of Holidays and Festivals celebrated among Nepali Americans.

Sijapati published “The National Muslim Forum Nepal and a Nepali Muslim ‘Nation,’” in *Nationalism and Ethnic Conflict*, edited by Susan Hangen and Mahendra Lawoti (Routledge,

forthcoming). This chapter analyzes a contemporary Muslim organization's conception of community and its relationship with the nation and draws upon original field research in Nepal.

Stephen Sivi, Professor and Chair of Psychology, published "Play and Adversity: How the Playful Mammalian Brain Withstands Threats and Anxieties" in the *American Journal of Play*, Vol. 2 (2010): 297-314, in a special issue on the neuroscience of play behavior. Sivi reviews his lab's recent work in the characterization and modulation of how fear and anxiety can affect play in juvenile rats. The article also discusses how this research helps shed light on the neurobiology underlying anxiety disorders in humans, especially among children.

Carolyn Snively, Professor of Classics, published "Thessalonica" in *The Oxford Encyclopedia of Ancient Greece and Rome*, available online only at <<http://www.oxfordreference.com/views/ENTRY.html?subview=Main&entry=t294.e1247>>. This entry provides a brief outline of the history of the city of Thessaloniki as a background for the description of its surviving Hellenistic, Roman, and Late Antique buildings and monuments.

Eileen Stillwaggon, Professor of Economics and Harold G. Evans Chair in Eisenhower Leadership Studies, and Larry Sawers, published "Understanding the Southern Africa 'Anomaly': Poverty, Endemic Disease and HIV" in *Development and Change*, Vol. 41 (April 13, 2010): 195-224. Prevalence of HIV is much higher in the nine countries of southern Africa than anywhere else in the world, including the rest of Africa. Using multiple regression analysis on country-level data, the authors find that endemic infectious and parasitic diseases are highly correlated with HIV and statistically explain the southern Africa anomaly, along with labor migration and high-income inequality.

Stillwaggon and Lawers also published "Concurrent sexual partnerships do not explain the HIV epidemics in Africa: a systematic review of the evidence" in the *Journal of the International AIDS Society*, Vol. 13 (2010): 34. The article challenges the current conventional wisdom that multiple concurrent partnerships are driving HIV epidemics in Africa. It demonstrates that mathematical modeling as well as quantitative and qualitative evidence offered in support of the hypothesis are deeply flawed.

Michael Strickland, Assistant Professor of Physics, with co-authors N. Su, and J.O. Andersen, published "QED Thermodynamics at Intermediate Coupling" in *Acta Physica Polonica B, Proceedings Supplement*, Vol. 3 (2010): 727. The authors discuss reorganizing finite temperature perturbation theory using hard-thermal-loop (HTL) perturbation theory in order to improve the convergence of successive perturbative approximations to the free energy of Quantum Electrodynamics (QED). They show that the hard-thermal-loop perturbation reorganization improves the convergence of the successive approximations to the QED free energy at intermediate coupling.

Strickland, M. Mannarelli, C. Manuel, and S. Gonzalez-Solis, published "Jet energy loss in the quark-gluon plasma by stream instabilities" in *Physical Review D*, Vol. 81 (2010): 074036. The authors study the evolution of the plasma instabilities induced by two jets of particles propagating in opposite directions and crossing a thermally equilibrated non-Abelian plasma. They show that while crossing the quark-gluon plasma, the jets of particles excite unstable chromomagnetic and chromoelectric modes. The fields interact with the particles (or hard modes) of the plasma inducing the production of currents, and as a result, the energy lost by the jets is absorbed by both the gauge fields and the hard modes of the plasma.

Strickland and **D. Yager-Elorriaga ('10)** published "A Parallel Algorithm for Solving the 3d Schrödinger Equation" in the *Journal of Computational Physics*, Vol. 229 (2010): 6015, where

the authors describe a parallel algorithm for solving the 3d Schrödinger equation. The method is optimized to reduce communication overhead between computational nodes making it possible to solve the 3d Schrödinger equation on extremely large spatial lattices using a small computing cluster.

Strickland, N. Su, and J.O. Andersen published “Hard-thermal-loop QED thermodynamics” in *Chinese Physics C*, Vol. 34 (2010): 1527. The article discusses the thermodynamics of quantum electrodynamics for strongly coupled systems. They derive expressions for the pressure, energy density, and entropy density, which are accurate to second order in quantum corrections to ideal gas behavior.

Strickland, J.O. Andersen, and N. Su also published “Three-loop HTL gluon thermodynamics at intermediate coupling” in the *Journal of High Energy Physics*, Vol. 1008, (2010): 113. The authors calculate the thermodynamic functions of pure-gluon QCD to three-loop order using the hard-thermal-loop perturbation theory (HTLpt) reorganization of finite temperature quantum field theory. They show that at three-loop order, hard-thermal-loop perturbation theory is compatible with lattice results for the pressure, energy density, and entropy down to temperatures $T \approx 3 T_c$. Results suggest that HTLpt provides a systematic framework that can be used to calculate static and dynamic quantities for temperatures relevant at LHC.

Kristin Stuempfle, Associate Professor and Co-Chair of Health Sciences, and co-authors Bradley Nindl and Gary Kamimori published “Stress Hormone Responses to an Ultradistance Race in the Cold” in *Wilderness and Environmental Medicine*, Vol. 21 (2010): 22-27. The paper examines the response of stress hormones (ACTH, cortisol, epinephrine, and norepinephrine) during a 100-mile ultra-endurance race in the cold.

Stuempfle also published “Exercise-Associated Hyponatremia during Winter Sports” in *The Physician and Sportsmedicine*, Vol. 38 (2010): 101-106. This invited article addressed the incidence, etiology, pathophysiology, risk factors, clinical manifestations, diagnosis, treatment, and prevention of hyponatremia, a potentially serious electrolyte imbalance.

Anne Xu-Cobb, Assistant Professor of Chinese Language and Literature in the Department of Asian Studies, published “The Conundrum of Either/Or: Brecht’s ‘Chinese’ Commitment. Part I” in *Minima Sinica* (Spring, 2010): 79-101. The author examines Bertolt Brecht’s China-related works and explores his identity as a revolutionary writer.

Leo Shingchi Yip, Assistant Professor of Japanese Studies in the Department of Asian Studies, published “Portrait of a Chinese Lady: Recasting Wang Zhaojun in Nō” in *Japan Forum* Vol. 22 (2010): 1-22. The article analyzes cross-cultural adaptation in Nō theatre by examining the reinvention of the story of legendary Chinese beauty Wang Zhaojun in the Nō play Shōkun.

Amy Elizabeth Young, Assistant Professor of Anthropology authored the chapter “Gender” in *Interpreting the Middle East: Essential Themes*, edited by David S. Sorenson (Westview Press, 2010). This book is intended for use as an undergraduate textbook on the Middle East. Young’s chapter (pages 219-48) discusses how gender has been constructed in various modernization discourses carried out since the colonial period.

REVIEWS

Marta Robertson, Associate Professor of Music in the Sunderman Conservatory and Coordinator of Interdisciplinary Studies, reviewed “Sensational Knowledge: Embodying Culture through Japanese Dance by Tomie Hahn” in *Dance Chronicle*, Vol. 33 (2010): 331-337. Robertson reviews Tomie Hahn’s “Sensational Knowledge,” which won the 2008 Alan Merriam Prize as the most distinguished English-language monograph in the field of ethnomusicology. In “Sensational Knowledge,” Hahn analyzes how senses communicate cultural knowledge, arguing, “Culture is not enacted on the body but through the senses of the body.”

Jack Ryan, Vice Provost and Associate Professor of English, published four reviews in *Aethlon: The Journal of Sports Literature*, XXVI (Fall 2008/ Winter 2009): 259-267, including one book review, Robert C. Trumbour’s *The New Cathedrals and Media in the History of Stadium Construction*, and three film reviews, *Into the Wild*, directed by Sean Penn; *Balls of Fury*, directed by Robert Ben Garant; and Darren Aronofsky’s *The Wrestler*. *Aethlon* is a biannual journal dedicated to the understanding of sport in a larger cultural context and Ryan is a regular contributor to its Forum section containing reviews.

PROFESSIONAL PAPERS AND PRESENTATIONS

Yasemin Akbaba, Assistant Professor of Political Science, presented “The Rise of Radicalism: A Case Study of Milli Görüş in Germany” with Gönül Tol, at the American Political Science Association annual meeting in Washington, D.C., September 2-5, 2010. The paper examined the relationship between marginalization and radicalization of Milli Görüş members in Germany.

Rimvydas Baltaduonis, Assistant Professor of Economics, delivered the invited seminar “Strategic Behavior in Smart Markets with Avoidable Fixed Costs: an Experimental Study” at the University of New South Wales (UNSW) and Monash University in Australia, November 5 and 6, 2010 respectively. Baltaduonis was invited by the Center for Energy and Environmental Markets at UNSW and Monash Laboratory for Experimental Economics (MonLEE) research group at Monash University. The seminar presented experimental evidence on performance of three auction mechanisms relevant to wholesale electric power markets when avoidable fixed costs exist.

John Marcus Beard, Visiting Assistant Professor of Religious Studies, presented “On the Road to Santiago: Imagining the Sacred Geography of Europe” to the International Medieval Congress in Leeds, United Kingdom during the meeting July 12-15, 2010. In this paper Beard considers the ways that the pilgrimage Santiago de Compostela helped establish Europe as a place where sacred history had occurred and making it central to Christian history by connecting places in Europe to figures and events from the Bible.

Beard also delivered “Public Displays of Asceticism: Holy Bishops and the Conversion of Gaul in the *Vita Sancti Martini*” to Hagiotheca Conference: Sainly Bishops and Bishop Saints, Poreč, Croatia, May 27-30, 2010. Beard’s paper addresses the ways that Sulpicius Severus’s portrayal of Martin of Tours combined the roles of ascetic and bishop and the significance of this for the conversion of Gaul in the fourth century.

Michael Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, spoke on “A Historian’s Perspective” at “Eisenhower and Congress: Lessons for the 21st

Century” at the 2nd Annual Eisenhower Symposium at American University in Washington, D.C., February 19, 2010. Birkner’s comments focused on issues often overlooked by social scientists in assessing Eisenhower’s management of the White House and outreach in advancing his legislative agenda.

Birkner also delivered a paper titled “The Battle FDR Lost: The Failed Nomination of Edward J. Flynn as Minister Plenipotentiary to Australia,” at the annual meeting of the Australian and New Zealand Studies Association in Washington, D.C., February 27, 2010. The paper focused on the controversy surrounding the nomination of a close political associate of President Roosevelt to a significant wartime diplomatic position. Flynn’s nomination was the first failed nomination in 57 years. It examined the basis for the controversy and the political embarrassment it caused the Roosevelt Administration.

Kathleen Cain, Associate Professor of Psychology, gave several invited talks and workshops during her year as Fulbright Scholar in Egypt. These included a four-day workshop entitled “Autism and Social Development,” given jointly with Manal Omar in November 2009 and repeated in February 2010, and a presentation entitled “Pilot Study of Self-Esteem and Behavioral Disturbance in a Sample of Type I Diabetic Children,” with co-authors Manal Omar and Mona El Samahy, at the Consultation-Liaison Scientific Congress on Psychiatry and Pediatrics on April 27, 2010. Both events were held at the Institute for Postgraduate Childhood Studies at Ain Shams University in Cairo. In addition, she gave an invited presentation titled “Self-Esteem and Self-Understanding in Kindergarteners” at the Kindergarten Education Congress at Cairo University on May 4, 2010. She also organized a panel presentation with co-presenters Manal Omar and Anne Justus, titled “Perspectives on Mental Health: United States and Egypt,” at the American University in Cairo on May 5, 2010.

Gerardo Carfagno, Visiting Assistant Professor of Biology, presented the paper “Predators, plasticity and costs of inducible defenses: how the cricket frog (*Acris blanchardi*) lost its spot,” coauthored by Max Carithers, Leah Mycoff, and Rick Lehtinen at the Joint Meeting of Ichthyologists and Herpetologists in Providence, Rhode Island, on July 11, 2010. The authors demonstrate that tail coloration in cricket frog tadpoles is an inducible defense, and that a combination of plastic morphology and behavior likely allows these frogs to successfully breed in a broad range of habitats with different predator assemblages.

Paul Carrick, Adjunct Professor of Philosophy, delivered the Kienle Lecture in the History of Medicine at Penn State University’s College of Medicine, Hershey, Pennsylvania, on March 24, 2010. In his talk, “The Public Funding of Health Care: Philosophical Reflections on a Fractured History,” Carrick argued that from antiquity to the twentieth century, not one, but several recurring motives have impelled individuals, groups, and occasionally governments to provide medical aid to the sick and suffering. Western medical practice does not reveal, however, a single monolithic philosophy of “free” public or private funding to those in need. In fact, sustained public funding to the sick and poor is largely a late modern development encouraged, in part, by churches and the early feminist movement in the 1850’s in Britain and finally in the United States.

Laurel Cohen-Pfister, Associate Professor of German, presented a paper at Poetry and Voice, a conference held at the University of Chichester, United Kingdom, June 26, 2010. Cohen-Pfister’s paper, “Dragica Rajčić: Writing Women and War in the Margins,” discusses Rajčić’s voice as a poet, woman, feminist, and opponent to violence.

Cohen-Pfister also presented a paper at the 14th Annual Conference on New Europe at the Crossroads in Vienna, Austria, July 16, 2010. Cohen-Pfister’s paper, titled “Dragica Rajčić

and the Oppositional Aesthetics of Feminist Migrant Writing,” examines Rajcic’s poetic deconstruction of German, her second language, to critique hegemonic structures of power in both her native country of Croatia and her adopted country of Switzerland.

Koren Holland Deckman, Associate Professor of Chemistry, and **Evan Zhao (‘10)** were co-authors on a poster presented at the Association for Research in Vision and Ophthalmology (ARVO) on May 1, 2010 in Fort Lauderdale, FL. The work “Candidate Gene Analysis of a Feline Model of Primary Congenital Glaucoma Implicates LTBP2 as the Causative Locus” focuses on identifying the gene responsible for primary congenital glaucoma in a pedigree of cats. Zhao and Deckman completed this work with colleagues from NCI, Iowa State University, the University of Iowa, and the University of Wisconsin-Madison. This is the only large mammal model for the human genetic-linked early-onset glaucoma cases. Future work includes identifying the mutation responsible for this recessive disorder.

Veronica Dexheimer, Visiting Assistant Professor of Physics, presented “Modeling Hybrid Stars” at the EMMI workshop “Neutron Matter in Astrophysics: From Neutron Stars to the r-Process,” at GSI, Darmstadt, Germany, July 2010. The talk consisted of analyzing the effect of very strong magnetic fields on the deconfinement to quark matter in neutron stars.

Felicia Else, Associate Professor of Art History, presented “Water Control, Maritime Power and Seafood in Ducal Florence” in Venice, Italy at the April 2010 annual meeting of the Renaissance Society of America. In the paper, Else analyzes the scientific study, artistic representation and consumption of marine animals during the Medici Granducal period of the sixteenth century.

Kay Etheridge, Associate Professor of Biology, presented “Defining the Dolphin” in Venice, Italy at the April 2010 meeting of the Renaissance Society of America. The paper addressed French naturalist Pierre Belon’s 1551 treatise on dolphins in the context of Renaissance perceptions of these animals.

Timothy Funk, Assistant Professor of Chemistry, **Andrew Steffens (‘10)**, and **Daniel Ziegler (‘09)** presented the poster “Synthesis of α -Methyl Ketones by an Iridium-Catalyzed Cyclopropanol Ring-Opening Reaction” at the 239th American Chemical Society National Meeting in San Francisco, California on March 22, 2010. This poster presented progress towards developing a mild, selective, iridium-catalyzed cyclopropanol ring-opening reaction. The scope and limitations of method were also discussed.

Funk and **Sara Moyer (‘10)** presented the poster “Application of Iron-Based Shvo-Type Compounds to Alcohol Transfer Dehydrogenation” at the 239th American Chemical Society National Meeting in San Francisco, California on March 22, 2010. This poster presented our efforts to develop an environmentally benign, user-friendly, iron catalyst for alcohol oxidations.

Florence Ramond Journey, Associate Professor of French and Francophone Studies and Co-Chair of French and Italian, delivered a paper at the Congrès International d’Etudes Francophones in Montreal, Canada on July 1, 2010. The paper titled “Les Belles Ténébreuses de Maryse Condé ou la maturation d’une oeuvre littéraire” looks at Condé’s last novel in the context of her career and analyzes the echoes to previous works as well as the subversion techniques used to transform established genres. The paper was presented in a session titled “Origines plurielles et identités antillaises au féminin,” organized and chaired by Journey.

Alvaro Kaempfer, Assistant Professor of Spanish, delivered “Exploring 19th Century Chilean literature and culture through Centennial and Bicentennial celebrations of national

independence” by invitation at the Department of Languages and Literatures of University of Santiago, Chile. Kaempfer’s presentation contrasted the interpretations of the Centennial and Bicentennial celebrations of the Chilean national independence (1810-1910-2010).

Kaempfer was also invited to present “Lenguajes de ruptura y retóricas de emancipación en las independencias de Chile y Argentina” at the Institute of Humanistic Studies of Universidad de Talca, Chile, May 28-29, 2010. This paper traced the continuities between the narratives of the old Hispanic colonial project, its programs, and the documents consecrating the declarations of independence in Chile and Argentina.

Brooks Kaiser, Associate Professor of Economics, delivered “Long Run Outcomes of Conservation Expenditures: Watershed Destruction, Rehabilitation and Protection in Hawaii” at the European Social Science History Conference, Ghent, Belgium, April 14, 2010. This paper considers the economic history of the forested watersheds of Hawaii and long run effects of natural resource conservation.

Kaiser co-authored a paper delivered at the 4th World Congress of Environmental and Resource Economists in Montreal, Canada, July 1, 2010. The paper, “Using economics to predict species movements since 1850,” with co-authors Fred Kraus of Bishop Museum, Honolulu, Hawaii, and Kimberly Burnett and Sean D’Evelyn of the University of Hawaii, Manoa, showcases new data on the introduction of herpetological species globally over the past century and a half that will help understand patterns of purposeful and accidental introductions of exotic species.

Yahya Madra, Assistant Professor of Economics, delivered an invited lecture at the University of Athens, Greece on June 2, 2010. Madra was invited by the Faculty of the Doctoral Program in Economics (UADPhilEcon) and delivered “Neoliberal Reason and the Discipline of Economics,” based on a working paper on the genealogy of neoliberalism within the discipline of economics Madra is co-authoring with Dr. Fikret Adaman of Bogazici University, Istanbul.

Jacquelynne Milingo, Assistant Professor of Physics, presented a paper co-authored with **Laurence Marschall, W. K. T. Sahm Professor of Physics**, entitled “Rotational Modulation, Shear, and Cyclic Activity in HII 1883” at the International Astronomical Union (IAU) Symposium 273 - The Physics of Sun and Star Spots in Ventura, California, August 22-26, 2010. During this symposium Milingo presented a 30-year compilation of data on the star HII 1883 and the results from analysis of this time series. This star is one of three in a long-term study joined by Gettysburg College in 1992.

Kaoru Miyazawa, Visiting Assistant Professor of Education, presented two papers at the annual meeting of American Educational Research Association (AERA) in Denver, Colorado on April 30th, 2010: “Paradoxes of pursuing American dream: Synchronized desires of immigrant girls, parents, and teachers,” and “Gendered Formation of Future Aspirations: A Case Study of Three First Generation Immigrant Girls in New York City.” The presentations highlighted two aspects of the three-year longitudinal case study on first-generation immigrant girls’ future aspirations conducted between 2005- 2008 in New York City.

Todd Neller, Associate Professor and Chair of Computer Science, with co-authors Nick Parlante, et. al., presented a set of introductory Computer Science assignments based on the dice game Pig. This was one of six assignments chosen in 2010 for presentation at the popular “Nifty Assignments” session of SIGCSE 2010, the premier Computer Science education conference. For more information see, proceedings of the 41st Technical Symposium on Computer Science Education, March 10-13, 2010, in Milwaukee, Wisconsin, (ACM: 478-479).

Neller and Christopher La Pilla ('04) presented "Decision-Theoretic Simulated Annealing" in Proceedings of the 23rd International FLAIRS Conference (FLAIRS-2010) at Daytona Beach, Florida, May 19-21, 2010 (pp. 50-55). Simulated Annealing (SA) is an important combinatorial optimization algorithm that draws its inspiration from Statistical Physics models that describe the formation of crystals, annealing of metals, etc., yet it can be difficult to apply because of the need for complex, dynamic parameter tuning. Neller and La Pilla developed multiple successful techniques for automated machine learning of parameter tuning that is approximately optimal, trading off computational time costs against solution quality and terminating optimization at the point of expected diminishing returns.

Neller and co-authors presented "Model AI Assignments" in Proceedings of EAAI-10: The 1st Symposium on Educational Advances in Artificial Intelligence in Atlanta, Georgia, July 13-14, 2010. Neller's "Rook Jumping Maze Generation" online project resources for teaching introductory Artificial Intelligence was accepted through double-blind review for conference presentation and archiving. Using the computer generation of "Rook Jumping Maze" puzzles as a central theme, these assignments exercise uninformed search techniques, stochastic local search, and machine learning.

Eric Noreen, Assistant Professor of Health Sciences, and co-authors **Michael Sass ('10)** and **Lindsay Avervill ('11)** presented data from "Effects of supplemental fish oil on resting metabolic rate and body composition in middle-aged adults," published in *Medicine and Science in Sports Exercise*, Vol. 42(2010). Data was presented at the national meeting of the American College of Sports Medicine, in Baltimore, Maryland on June 3, 2010 showing six weeks of supplementation with fish oil in middle-aged adults significantly increases muscle mass and reduces fat mass and percentage of body fat.

Robin O'Bryan, Adjunct Assistant Professor of Visual Arts, presented the paper "Mad Hatters and Punning Dwarfs: Power and Parody in the Renaissance Courts" at the Renaissance Society of America Conference held in Venice, Italy from April 8-10, 2010. The paper argued that a scantily-clad dwarf appearing in a fresco commissioned by the Medici Pope, Leo X, for the Vatican apartments was used to make a sophisticated spoof on the imagery and pretensions of the princely courts who disparaged Leo's bourgeois origins.

Kerri Odess-Harnish, Reference & Instruction Librarian, presented "Pecha Kucha Presentations of Marketing Ideas that Worked in Academic Libraries" as part of a panel at the American Library Association Annual Conference, Washington D.C. on June 26, 2010. Panelists presented on successful library marketing initiatives and provided audience members with hands-on marketing strategies. Odess-Harnish presented on the outreach and marketing strategies used during the planning phase of the spring 2009 reading and discussion program *Read Green: A Gettysburg Environmental Series*.

VoonChin Phua, Associate Professor of Sociology, and co-author Desiree Ciambrone, presented "Mate-to-Order: Synthetic Love" at the Eastern Sociological Society's Annual Conference in Boston, Massachusetts, March 18-21, 2010. The paper examines how Real Dolls, life-size dolls that are anatomically correct, are being offered and accepted as alternative partners. Specifically, the authors study the conflicts between the commodification of the body and the agency individuals have to create their love interest.

Jennifer Powell, Assistant Professor of Biology, **Jonathan Hibshman ('12)**, and **Hannah Anthony ('12)** presented "Transcriptional targets of the G-protein coupled receptor FSHR-1" at the International C. elegans Aging and Pathogenesis Meeting on August 2, 2010, in Madison, Wisconsin. This poster described the initial characterization of genes discovered through global transcriptional profiling on immunocompromised C. elegans.

Janet Powers, Professor Emerita and Adjunct Professor of Women, Gender, and Sexuality Studies, delivered a paper at the biennial International Peace Research Association meeting, held at the University of Sydney, Australia 6-10 July, 2010. The paper “When Women Peacebuilders Are No Longer Marginalized: the Case of New Profile in Israel,” examined a state criminal investigation of a feminist group supporting conscientious objectors and was part of a panel on Peace-Building and Capacity Development. Powers’ paper, stimulated by Israel’s recent crackdown on citizen human rights activists, is an outgrowth of earlier work which culminated in her book, *Blossoms on the Olive Tree: Israeli and Palestinian Women Working for Peace* (2006).

Sarah Principato, Associate Professor and Coordinator of Environmental Studies, and first author **Andrew Reed (*10)**, presented a poster titled “Loss-On-Ignition And Humification Of A Peat Core From Quoddy Head State Park, Maine” at the Northeast-Southeast Geological Society of America meeting in Baltimore, Maryland, March 21-23, 2009. Their results show climatic instability in the Holocene, with fluctuations in precipitation and temperature interpreted from ~10,000 years ago through the present. Their results agree with climate studies in Ireland, Scotland, and Sweden.

At the same conference, **Principato, Gregory Baron (*10)**, and **Brittany Jones (*12)**, presented a poster titled “Loss-On-Ignition And Humification Index Of Peat Deposits Near Penobscot, Maine: Implications For Holocene Climate.” They presented a ~6,000 year record of climate change interpreted from peat in Maine, which correlates with the record from Quoddy Head State Park. The correlation suggests that external climate forcings, such as changes in solar insolation, are reflected in the peat bogs of Maine.

Radost Rangelova, Assistant Professor of Spanish, presented the paper “Videospaces: Gender, Sexuality and Nationhood in Ligia Elena” at the Literature and Film Association Conference held at Dickinson College, Carlisle, Pennsylvania, October 15-18, 2009. Rangelova explores the relationship between gender, sexuality, race and nationhood in a video in which Puerto Rican and Panamanian artists collaborate to construct a creative critique of gender and racial marginalization.

Rangelova also presented the paper “Manos (femeninas) a la obra: Workspace and Community in the Beauty Salon” at the Modern Languages Association Congress held in Philadelphia, Pennsylvania, December 27-30, 2009. Her paper analyzes the relationship between female solidarity, the construction of community models, and women’s work in the beauty salon in short stories by Puerto Rican author Magali García Ramis.

Jacqueline Robinson, Assistant Professor of Religious Studies, presented “A Halfway Covenant for Harlem: The Public Theology of William Lloyd Imes” at The Historical Society’s 2010 Conference on June 3-5, 2010, at George Washington University in Washington, D.C. The paper examined the ways Imes, an African American minister in the Protestant covenantal tradition, broadened modern black church membership to include participation in cultural activities associated with the Harlem Renaissance.

Timothy Shannon, Professor and Chair of History, presented a paper titled “Genre-Hopping with Indian Peter: Depictions of North America in the Writings of Peter Williamson,” at the conference on Travel, Writing, and Literatures of Exploration, c. 1750-c. 1850, sponsored by the Department of Geography, University of Edinburgh and the National Library of Scotland, in April 2010. The paper featured Shannon’s continuing work on Scottish Indian impersonator and coffeehouse entrepreneur Peter Williamson, focusing on his 1768 book *The Travels of Peter Williamson* and its connection to similar eighteenth-century British travelogues on North America.

Megan Adamson Sijapati, Assistant Professor of Religious Studies, delivered an invited lecture at the Social Science Baha in Kathmandu, Nepal on January 4, 2010. Sijapati's lecture was Lecture XXXIV in the Social Science Baha's lecture series. The lecture, "Nepali Muslims, Islamic Revival, and the 'New Nepal': A Look at Secularism, Religion, and the Politicization of Identities," considered contemporary Nepali Muslim discourses on issues surrounding the relationship between the secular state and its Muslim minority.

Sijapati also presented the paper "Religious Visions of Amity in a Secular State: The Case of Nepal" by invitation on June 24, 2010, at the conference "Enmity and Amity in South Asian Relational Life" at the Centre of South Asian Studies, University of Cambridge, Cambridge, United Kingdom. The paper draws upon original fieldwork in the Kathmandu valley to present Muslim accounts of Hindu violence against Muslims transpiring in Nepal in 2004. The paper argues the experience of violence was transformative and contributed to shaping Muslim views of their role in the newly secular Nepal.

Meggan Smith, Reference and Instruction Librarian, presented at the American Library Association Annual Conference, Washington D.C. on June 26, 2010. Smith, recognized as an ALA Emerging Leader, worked with three other Emerging Leaders to create a marketing plan for ALA's Map and Geography Round Table (MAGERT). The resulting poster presentation, "Emerging Leader Poster Presentation," highlighted the process of creating the marketing plan, as well as survey data that was used in the development of the plan.

Carolyn S. Snively, Professor of Classics, presented "The New Basilica at Golemo Gradište, Konjuh, and Late Antique Church Architecture in the Province of Dardania," at the Ninth Niš and Byzantium Symposium, June 3-5, 2010 in Niš, Serbia. The investigations of the 2008 and 2009 seasons in the basilica were presented. The relationship of this basilica to other churches in Dardania was considered.

Deborah Sommer, Associate Professor of Religious Studies, gave the invited paper presentation "Self and Embodiment in Early Chinese Texts: The Concept of Ji 己 as Self" at the 18th symposium of the Académie du Midi in southwest France. The academy is organized by faculty from the Department of Philosophy at the University of Trier, Germany and convenes biannual conferences on themes in comparative philosophy. This year's symposium, held from May 23-28, 2010 in the medieval village of Alet-les-Bains, focused on the theme "Self and Identity, East and West."

Sommer also gave the invited presentation "Where is the 'evil/devil' in Chinese Thought?" at the world religions conference convened on August 28, 2010 at Menuo Juodaragis, or the Black-horned Moon Festival, at Trakai, Lithuania. This annual culture and music festival was convened this year at Devil's Pit, a geologic formation that is a sacred site in Baltic mythology.

Eileen Stillwaggon, Professor of Economics and Harold G. Evans Chair in Eisenhower Leadership Studies, was invited to speak at the George Washington University School of Public Health on the subject of "Environmental and Occupational Risks and HIV Infection," for the Department of Environmental and Occupational Health and Department of Epidemiology, on January 27, 2010 in Washington, D.C. Stillwaggon also was invited to address the International Conference on Women's Health Issues, hosted by the University of Pennsylvania, on the "Methodological Obstacles to Addressing Diseases of Poverty," on April 9, 2010 in Philadelphia, Pennsylvania.

Stillwaggon and co-author Larry Sawers, presented "Concurrent Sexual Partnerships Do Not Explain HIV Epidemics in Sub-Saharan Africa: A Systematic Review of the Evidence," at the XVIII International AIDS Conference in Vienna, Austria on July 22, 2010. The conventional

wisdom in AIDS discourse is that multiple concurrent sexual partnerships are driving HIV spread in southern and eastern Africa. Stillwaggon and Sawers demonstrate that mathematical modeling and empirical evidence do not support a behavioral explanation for the high prevalence of HIV in the region.

Michael Strickland, Assistant Professor of Physics, delivered a seminar “A new class of boost invariant solutions” at the Institute for Theoretical Physics, Johann Wolfgang Goethe Universitat, Frankfurt am Main, Germany in June 2010. The seminar focused on the derivation of dynamical evolution equations for plasmas with large momentum-space anisotropies.

Strickland also presented an invited talk at the Extreme QCD 2010 in Bad Honnef Germany on June 23, 2010, entitled “Three loop hard thermal loop perturbation theory.” The talk discussed his recent work on a high order calculation of the thermodynamics of quantum chromodynamics.

In August, 2010, **Strickland** gave an invited talk as part of the High Energy Strong Interactions workshop symposium held at the Yukawa Institute for Theoretical Physics, Kyoto University in Kyoto, Japan on his recent calculations of the thermodynamic functions in quantum chromodynamics entitled, “NNLO hard thermal loop thermodynamics, High Energy Strong Interactions.”

Strickland presented “A three-loop HTLpt-improved calculation of QCD thermodynamics” at The First Heavy Ion Collisions at the LHC - HIC10, European Organization for Nuclear Research (CERN), Genève, Switzerland, August 20, 2010. Dr. Strickland presented a seminar on his recent quantum chromodynamics calculation of the thermodynamical functions for a quark gluon plasma. The seminar was part of a month long theory symposium in preparation for the first heavy ion collisions at LHC which will start in November 2010.

Strickland also presented “The chromo-Weibel Instability, Hot Matter: Quasiparticles or Quasinormal Modes” at the International Erwin Schrödinger Institute for Mathematical Physics, Vienna, Austria, August 2010. Strickland presented a review of the physics of non-abelian plasma instabilities which play an important role in the thermalization and isotropization of a weakly-coupled quark gluon plasma. He then presented new results for 6 dimensional lattice studies which can describe the late-time nonlinear unstable dynamics.

Kristin Stuenkel, Associate Professor and Co-Chair of Health Sciences, presented the paper “Food and fluid intake in finishers and non-finishers in a 160 km mountain footrace” at the American College of Sports Medicine Annual Meeting in Baltimore, Maryland in June 2010. This presentation examined the significance of race diet during the Western States Endurance Run, the oldest and most challenging 100-mile race in the US.

Brent Talbot, Instructor of Music Education in the Sunderman Conservatory, and co-author Margaux Millman, presented their paper “Discourses Surrounding Marginalized Groups, LGBT Issues, and Music Learning and Teaching Practices in Glee” at the *Establishing Identity: LGBT Studies and Music Education* conference held May 23-26, 2010 at the University of Illinois at Urbana-Champaign. Their paper was subjected to masked review by members of the Editorial Advisory Committee of the Bulletin of the Council for Research in Music Education. The paper explored the following ways in which representations in “Glee” impact the field of music education: 1) the music classroom as social sanctuary for students who are marginalized in other settings within the school; 2) the dominance of a talent model within the school music program; and 3) the demonstration of music education as a product valuing enterprise, rather than a process valuing enterprise.

Robin Wagner, Director of Musselman Library, was invited to lecture at the University of Queensland on August 2, 2010. Robin's lecture "A Little Love for Me and a Murder for My Old Man" dealt with books and reading in the Australian Outback in the early twentieth century. Robin delivered the same lecture at the State Library of Queensland in Brisbane, Australia on August 4, 2010. Wagner's paper draws on a collection of papers of the Queensland Bush Book Club and addresses rural book distribution in an era before free public libraries came to Australia. Well-to-do, city women established clubs soliciting donations of "proper reading matter" and raised funds for the purchase of books for their disadvantaged "sisters" in the Outback. They took advantage of a well-developed rail system to deliver book parcels to rural families. Testimonials found in the Clubs' annual reports provide a snapshot of the hardscrabble frontier life and the gratitude with which these parcels of books were received.

Janelle Wertzberger, Director of Reference & Instruction, and **Kathleen D'Angelo, Director of Technical Services & Collection Development**, presented the poster "How to Cut a Third of Your Journal Subscriptions (and Keep Faculty Happy)" at the American Library Association Annual Conference, Washington D.C. on June 26, 2010. This poster described the process by which faculty and librarians assessed journal titles, reported outcomes of the assessment, and reflected on resulting successful strategies.

Randall Wilson, Associate Professor of Environmental Studies, **Michael Catalano ('10)**, and Thomas Crawford (East Carolina University) presented a research paper entitled, "Collaborative Conservation and Rural Change in the Intermountain West" at the Annual Meeting of the Association of American Geographers in Washington D.C., April 14-18, 2010. The paper derives in part from research Catalano conducted for his ES 460 Senior Research Project examining community-based collaborative management efforts on public lands taking place throughout the Rocky Mountain region.

Amy Elizabeth Young, Assistant Professor of Anthropology, gave an invited lecture entitled "Competing Notions of Justice: Shari'ah, Human Rights, and Family Code Reform in Contemporary Morocco" in the Middle East and Islamic Studies Speaker Series at San Francisco State University, California, on April 26, 2010.

PROFESSIONAL ACTIVITY

Yasemin Akbaba, Assistant Professor of Political Science, served as chair and discussant of a panel on empirical studies of Islam and democracy at the American Political Science Association annual meeting in Washington, D.C., September 2-5, 2010.

Rimvydas Baltaduonis, Assistant Professor of Economics, taught at the annual seminar for state public utility commissioners and staff organized by the Institute for Regulatory Law and Economics (IRLE) in Aspen, Colorado, May 15-19, 2010. 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 was responsible for the experimental economics part of curriculum and demonstrations.

Baltaduonis also conducted the workshop "Electricity Demand Response Management or How Do We Make a Smart Grid Smarter?" at the Department of Primary Industries, State Government of Victoria in Melbourne, Australia, on July 26, 2010. The workshop showcased

a potential of how laboratory and field economics experiments could help in formulating policies for smart grid development. As a result of the workshop, Baltaduonis was invited to give the presentation “The Impact of Active Demand-side Participation in the National Electricity Market” at the Department of Treasury and Finance, State Government of Victoria, Melbourne, Australia, on August 9, 2010.

Abou Bamba, Assistant Professor of History and Africana Studies, was one of fifteen participants in a month-long international seminar on decolonization held July 11-August 6, 2010. Organized by the National History Center and led by Prof. Wm. Roger Louis, the seminar is an opportunity for emerging historians to “engage in the common pursuit of knowledge about various dimensions of 20th-century decolonization in Asia, Africa, and the Caribbean” through regular discussions and research at the Library of Congress, the National Archives, and other repositories of historical research materials in Washington, D.C. During the seminar, Bamba produced “Beyond National(ist) Histories: Transnational Public Opinion and the End of Empire in French West Africa” arguing that comparative news reports and critical journalistic coverage of French (mis)rule tarnished the mystique of the civilizing mission that had previously legitimized French colonialism, thereby putting the partisans of the colonial empire on the defensive.

Paul Carrick, Adjunct Professor of Philosophy, chaired the session “Distributive Justice and Human Rights” at an international conference convened by Pennsylvania State University and the Rock Ethics Institute, “Integrating Development Ethics and Climate Change Ethics,” on April 16, 2010, in State College, Pennsylvania. Among the topics explored were: (1) future security obligations to refugees displaced by rising sea levels in low lying countries such as Bangladesh, and (2) the possible limitations of nation-states to reverse the effects of global warming.

Daniel Drury, Associate Professor and Co-Chair of Health Sciences, was appointed as the Executive Director of the Mid-Atlantic Chapter of the American College of Sports Medicine (ACSM) on January 1, 2010. ACSM is the largest sports medicine organization in the world and the Mid-Atlantic Chapter serves members from Pennsylvania, Maryland, Delaware, West Virginia, and New York.

Shannon Egan, Director of the Schmucker Art Gallery, was invited to participate in the A.W. Mellon Curatorial/Conservation Colloquy in Modern and Contemporary Art, entitled “Three Perspectives: The Commissions of Roger Fenton, Linnaeus Tripe and Timothy O’Sullivan,” at the Center for Advanced Study in the Visual Arts, National Gallery of Art, Washington, D.C., May 17-19, 2010. The colloquy, organized by the Center for Advanced Study in the Visual Arts, brought together a limited number of invited participants (curators, scholars and conservators) to share their knowledge and experience in the care, collection, interpretation, and exhibition of early photography at the National Gallery of Art in Washington, D.C.

Felicia Else, Associate Professor of Art History, and **Kay Etheridge, Associate Professor of Biology**, co-organized the interdisciplinary session “Frutti di Mare: Renaissance Approaches to Marine Life, Maritime Power and the Bounties of the Sea” at the April 2010 annual meeting of the Renaissance Society of America in Venice, Italy.

Peter Fong, Professor of Biology, was an external evaluator of a Ph.D. dissertation and oral examination at the University of Hull, England, in January 2010. The topic of the dissertation was chemical communication and behavior in marine worms.

Sherman Hendrix, Professor Emeritus of Biology, received a grant from the foundation Discover Life in America to study animal parasites of fishes at the Great Smoky Mountain National Park. This is a contribution to the “All Taxa Biotic Inventory” that has been taking place at the GSMNP and other selected national parks over the past ten years.

Brooks Kaiser, Associate Professor of Economics, served as chair and discussant of a session titled “Ancient Globalisation and Productivity” at the European Social Science History Conference, Ghent, Belgium, April 14, 2010. She served as the only economist discussing the work of Ancient Historians on the economics of trade and empire in the ancient world.

Yahya Madra, Assistant Professor of Economics, has been named to a three-year term as Associate Editor of the journal *Rethinking Marxism*. In Madra’s capacity as associate editor, he also co-authored, with the journal’s editors, “Rethinking Marxism: Legacies, Crossroads, New Directions” *Rethinking Marxism* Vol. 22.1 (2010): 5-17.

Peter Morgan, Visiting Assistant Professor of Visual Arts, curated an exhibition titled “The Travel Show” at the Dalet Gallery in Philadelphia, Pennsylvania in April 2010. It included 11 artists who created a work about “place” that was designed to pack and ship efficiently. This was a concurrent exhibition with the annual Nation Council on Education in the Ceramic Arts (NCECA) conference.

Morgan also participated in a residency at the Belden Brick factory in Sugar Creek, Ohio in June 2010 where he began work on his ongoing project “Barbecue Express.” The residency was coordinated through the Ceramics Department at the Ohio State University, in Columbus, Ohio.

Todd Neller, Associate Professor and Chair of Computer Science, helped create a new scholarly venue for Artificial Intelligence Education collocated with and sponsored by AAAI-10, the premier Artificial Intelligence Research venue. This marks a significant inclusion of educational work alongside research work in the prime conference proceedings of the field, in which Neller organized the “Model AI Assignments” sessions.

Neller also chaired the “Artificial Intelligence Education” special paper track in the Proceedings of the 23rd International FLAIRS Conference (FLAIRS-2010) in Daytona Beach, Florida, May 19-21, 2010. This annual track brings together AI teachers and researchers to present published articles on curricular innovations, new teaching resources, and pedagogical experiences.

Janet Powers, Professor Emerita and Adjunct Professor of Women, Gender, and Sexuality Studies, chaired a panel under the auspices of the Gender and Peace Commission, dealing with Post Modern Studies at the biennial International Peace Research Association meeting, held at the University of Sydney, Australia 6-10 July, 2010.

Marta Robertson, Associate Professor of Music in the Sunderman Conservatory and Coordinator of Interdisciplinary Studies, with **Jonelle Pool, Associate Professor and Chair of Education**, **GailAnn Rickert, Dean of Academic Advising and Chair of Classics**, and **Ken Pool**, presented a workshop, “Encouraging Thinking through the Arts” at the 5th International Conference on the Arts in Society in Sydney Australia, July 2010. Using the minuet as sample arts-based unit, presenters and participants experientially explored the pedagogical process of creating a recursive loop to analyze the arts in disciplines outside the arts and conversely, using outside disciplines to analyze the arts and enhance artful thinking.

Jacqueline Robinson, Assistant Professor of Religious Studies, delivered “The Civil War, Civil Rights, and Women’s Rights: Contemporary Scholarly Approaches” at the Study of the U.S. Institute for Student Leaders on Religious Pluralism in America. The institute was held July 3–August 7, 2010 and was sponsored by the Dialogue Institute at Temple University and the International Center for Contemporary Education of Lower Merion, Pennsylvania. Robinson’s presentation compared the means by which contemporary scholars of history and religious studies have approached the most important eras of social change in American history, concluding that each era requires additional scholarly elaboration so as to clarify the way religious pluralism has developed uniquely in the U.S.

Kathleen Sasnett, Assistant Professor of Voice and Opera in the Sunderman Conservatory, organized the National Association of Teachers of Singing (NATS) yearly vocal competition at Sunderman Conservatory of Music held at Gettysburg College on November 14, 2009. The competitions were followed by a public concert given by the category winners in the Paul Recital Hall. **Adjunct Assistant Professor, Jeff Fahnstock, Adjunct Assistant Professor, Susan Hochmiller**, and **Adjunct Instructor, Leah Crowne** worked alongside Sasnett to coordinate all events. Over 125 vocalists participated with over thirty voice faculty and professional educators. Seven voice students from Sunderman Conservatory placed as winners and semi-finalists. The NATS student auditions are held each year at various academic institutions in the surrounding region.

Virginia Schein, Professor Emerita of Management and Psychology, gave the invited keynote address at the Women in Management Symposium hosted by the Istanbul Kultur University in Istanbul, Turkey in May 2010. She presented her international research on gender stereotyping and requisite management characteristics. This widely cited research spans three decades and five continents.

Timothy Shannon, Professor and Chair of History, served as chair and commentator for a session titled “Native American Consumption of Textiles in Early America” at the Omohundro Institute of Early American History and Culture Annual Conference, in Oxford, Mississippi in June 2010. Papers in this session addressed the production, distribution, and consumption of trade cloth in the North American fur trade, focusing in particular on Native American tastes and preferences for European woollens.

Eileen Stillwaggon, Professor of Economics and and Harold G. Evans Chair in Eisenhower Leadership Studies, has been named again to the Scientific Committee for the AIDS Impact Conference. Economics AIDS Impact is the biennial international conference for research in the social sciences on HIV and AIDS.

Stillwaggon was named to the International Editorial Board of the journal *AIDS Care*. The journal covers scholarly works in the field of Psychological and Socio-Medical Aspects of HIV and AIDS.

Donald Tannenbaum, Associate Professor of Political Science, served as chair and discussant on the panel “Evolution and Politics” at the Annual Meeting of the American Political Science Association in Washington D.C. in September 2009. Panel paper titles included “The Biology of Fairness and the Social Contract: Beyond Capitalism and Socialism,” “Evolution and Constitutional Democracy,” “From Polymorphism to Political Behavior,” and “Public Opinion about Evolution in Texas.”

Amy Ward, Cataloguing Librarian, co-presented a workshop at the American Library Association (ALA) annual conference in Washington, D.C., June 28, 2010. The workshop “Become Market Ready!” highlights best practices and engages other library staff in exercises proven true at Musselman Library.

PROFESSIONAL DISTINCTIONS AND AWARDS

Rimvydas Baltaduonis, Assistant Professor of Economics, was awarded \$80,007 in June 2010 for an Australian Research Council Linkage Grant, “Emissions Trading and the Design and Operation of Australia’s Energy Markets,” in collaboration with co-principal investigator Tihomir Ancev, Senior Lecturer in Resource and Environmental Economics at the University of Sydney. Baltaduonis will work with the Australian Financial Markets Association and will facilitate a project examining the impact of new environmental markets for emissions trading and renewable energy using the methodology of experimental economics.

Joel Berg, Adjunct Professor of Interdisciplinary Studies, earned first place in the Feature Series/Northeast Region category from the American Society of Business Publication Editors for his three-part series on health care reform. The series, published in spring/summer 2009 in *Risk & Insurance* magazine, examined the case for and against U.S. health-care reform, the proposals then being considered, and the experience of Massachusetts, whose reform served as a springboard for federal legislation.

Emelio Betances, Professor of Sociology and Latin American Studies, received the National Book Award (Premio Nacional) from the Ministry of Culture in the Dominican Republic on July 12, 2010 for his essay *La Iglesia catolica y la politica del poder en America Latina: el caso dominicano en perspectiva comparada* (Funglode, Santo Domingo, 2009). The National Book Award (Premio Nacional) is part of a series of prizes granted by the Ministry of Culture in the Dominican Republic. Betances received his prize in the category of “Scientific Essay.”

Timothy Funk, Assistant Professor of Chemistry, received a Single Investigator Cottrell College Science Award for \$35,000 from Research Corporation for Science Advancement for his proposal titled “Transition Metal-Catalyzed Oxidations of Organic Molecules without Traditional Oxidants.” This proposal will help to fund our efforts to develop safe, environmentally benign oxidation methods based on transition metal catalysts.

Nick Lantz, Emerging Writer Lecturer in the Department of English, was selected by former U.S. Poet Laureate Robert Pinsky for the Felix Pollak Prize for *The Lightning That Strikes the Neighbors’ House* (University of Wisconsin Press, 2010).

Lantz also won the Bread Loaf Writers’ Conference Bakeless Prize for *We Don’t Know We Don’t Know* (Graywolf Press, 2010).

Larry Marschall, W. K. T. Sahm Professor of Physics, Glenn Snyder, Retired Physics Research Associate, and Dick Cooper, Senior Laboratory Instructor and Office Administrator-CLEA Grant, received a grant of \$99,958 from the National Science Foundation for the development of web-based laboratory materials for the teaching of astronomy. This is a continuation of Project CLEA (Contemporary Laboratory Experiences in Astronomy), which has been supported by the NSF since 1992. CLEA materials are used throughout the US and in more than 60 countries around the world.

Virginia Schein, Professor Emerita of Management and Psychology, has been elected a Fellow of the International Association of Applied Psychology. The IAAP is the oldest international association for psychologists. Elections are held every four years and the honor was announced at the International Congress of Applied Psychology in Melbourne, Australia in July 2010.

Helen Winkelmann, Senior Biology Laboratory Instructor, inspired the endowment of the Helen J. Winkelmann Scholarship, established by Attorney **Jean Daimler Seibert ('69) P'06, Trustee** and Dr. K. Wade Seibert. In establishing this award, Attorney Seibert wrote: "A scholarship in honor of a beloved faculty member offers a unique opportunity to benefit a worthy student, while at the same time honoring a revered and inspiring mentor. Our scholarship, named to honor Helen J. Winkelmann, meets both of these goals for our daughter, **Sara Marion Seibert ('06)**, currently a student at Pennsylvania State University Medical School. We hope that this scholarship will provide such a legacy for other students at Gettysburg." The first recipient was **Melissa Weisbach ('09)**, Biology major, followed by **Caitlin Hoy ('11)**, an environmental studies student.

CREATIVE ACTIVITY

Avner Dorman, Visiting Assistant Professor of Theory and Composition at the Sunderman Conservatory, premiered "Frozen in Time" on April 17, 2010, in Porto, Portugal with Martin Grubinger and the Orquestra Nacional do Porto, Christoph König conducting.

Dorman's *Piccolo Concerto* premiered in South America with Juan Pablo Aguayo and the Orquesta Sinfónica De Chile conducted by Stephen Gunzenhauser on April 30, 2010 in Santiago, Chile.

Dorman's *Avner Dorman: Concertos for Mandolin, Piccolo, Piano and Concerto Grosso* (Naxos) was reviewed in May 2010 by Allan Kozinn of the *New York Times*. <<http://www.nytimes.com/2010/05/16/arts/music/16kozinncd.html>>

Dorman's *Piano Sonata No.2*, second movement, was featured in The New York International Piano Competition in June 2010 as its compulsory contemporary piano piece. Each of its 22 contestants performed the piece at Manhattan School of Music, New York, New York.

Dorman's "Spices, Perfumes, Toxins!" was performed by soloists Martin Grubinger and Manuel Hofstätter with the Hamburg Philharmoniker, led by Pietari Inkinen on June 20 and 21, 2010 in Hamburg, Germany.

Dorman was interviewed by BBC radio prior to the United Kingdom premiere of Dorman's "Spices, Perfumes, Toxins!" performed by the Royal Northern College of Music Symphony Orchestra on July 1, 2010 in Manchester, England.

Dorman's "Frozen in Time" was performed on August 15, 2010 in Kiel, Germany by soloist Martin Grubinger and the Schleswig Holstein Festival Orchestra led by Christoph Eschenbach, the music director of the National Symphony Orchestra. The City of Birmingham Symphony Orchestra, led by conductor Andris Nelsons, with solo percussionist Martin Grubinger, also performed "Frozen in Time" in August 2010. Additionally, five major European music festivals performed "Frozen in Time" including the Swiss premiere performance at the Lucerne Festival, performances at Berlin's Waldbühne, the Grafenegg Festival in Austria, the Weimar Arts Festival in Germany and the Rheingau festival in Wiesbaden, Germany.

Dorman's *Piccolo Concerto* was presented by Mindy Kaufman, the principal piccolo player for the New York Philharmonic, as part of the National Flute Association Convention in Anaheim, California on August 15, 2010.

Christopher Kauffman, Assistant Professor of Theatre Arts, presented the curriculum of the Greylock Theatre Project to artists and teachers at an art school in Leon, Nicaragua (Taller Xuchialt) while leading a delegation of Gettysburg College students on a service learning trip in January 2010.

Kauffman also continued his co-directorship of the Greylock Theatre Project at the Williamstown Theatre Festival from June 15-August 5, 2010. A replication of the 52nd Street Project in Manhattan, The Greylock Theatre Project is an outreach program that works with at-risk youth, in combination with professional actors and directors, in the process of writing and performing their own plays. Kaufmann employed three Gettysburg College students as staff and interns: **Phil Ballantine ('11)**, **Hayley Piekut ('12)** and **Khristian Walker ('12)**.

Kauffman performed a new play that he co-wrote, *Cabaret Terrarium*, at Triskelion Arts in Brooklyn (Feb. 5-15, 2010), The Box Performance Space in Albuquerque, New Mexico (Apr. 6-8, 2010), Buntport Theater in Denver, Colorado (April 15-18, 2010) and the Winnipeg International Fringe Theatre Festival, Canada (July 12-26, 2010), where it garnered a Best of Fest award.

Russell McCutcheon, Assistant Professor of Music and Director of Bands in the Sunderman Conservatory, served as the Invited Program Director of the McNeese State University Summer Music Camp - Leadership Track from June 20-24, 2010, in Lake Charles, Louisiana. This five-day immersive musical experience was attended by high school wind and percussion students from Louisiana, Texas and Oklahoma.

McCutcheon also served as the Conductor of the Blue Honor Band at the University of Florida Summer Band Camp in Gainesville, Florida from July 11-17, 2010. The week of rehearsal and music education ended with a final performance of new works for wind band along with standards of the wind repertoire.

Peter Morgan, Visiting Assistant Professor of Visual Arts, exhibited his piece "The Walrus Astoria" in "The Travel Show" at the Dalet Gallery in Philadelphia in April 2010. This was a concurrent exhibition with the annual Nation Council on Education in the Ceramic Arts (NCECA) conference.

Morgan was included in the exhibition "Artist/Educator" at Rowan University, in Glassboro New Jersey in April 2010. The show was curated by Heather Mae Erikson, and was comprised of younger ceramic artists who are also college educators in the Mid-Atlantic region. The exhibition featured a catalog of the included artists and their works.

Morgan presented a new installation entitled the Dinorific Eggstravaganza in the exhibition "Mish Mash Strikes Back" at the Noyes Museum in Oceanville, New Jersey in the spring of 2010. The show was curated by Matt Burton and featured a wide array of American ceramists.

Morgan presented his anthropomorphized otter sculpture in the exhibition "Wings and Teeth: the Art of Doomtree" at CO Exhibitions in Minneapolis, Minnesota in July 2010. This was the inaugural show in a new exhibition space that has garnered national attention featuring works about, or related to the Minneapolis based hip-hop crew "Doomtree."

Morgan exhibited three pieces in the show "Pretty Young Things" at the Lacoste Gallery in Concord, Massachusetts in August 2010. The exhibition was curated by Nathan Prouty of the Clay Studio in Philadelphia and included "rising ceramic stars" from the United States and abroad.

Morgan was included in the group exhibition “Now for Something Completely Different” at the Red Lodge Clay Center in Red Lodge, Montana in August 2010. The show was curated by current resident artists, and featured a new work by Morgan, “Puffin’ Puffin.”

Morgan exhibited several pieces in the show “Killer Pots” at Turman Larison Contemporary Gallery in Helena, Montana in August 2010. The show was curated by artists Ayumi Horie and Jess Parker and included “functional” ceramics based around the theme of killer animals. Morgan’s more notable works included the “Sperm Whale Calamari Platters,” “The Shrike and Cacti Tidbit Tantalizer,” and the “Osprey Cool-Bottle-otta Dinner Table Ensemble.”

Todd Neller, Associate Professor and Chair of Computer Science, Ben Winston (‘11), Alexander Posmontier (‘11), Steven Hnath (‘12), Amanda Gower (‘10), Stefanie Roberts (‘10), Forrest Jacobs (‘12), and Steven Moxley (‘10) collaborated to develop an Apple iStore launch of the free iPhone puzzle app “Jump Maze.” Examples and descriptions of Rook Jumping Mazes and related student work are available at <<http://tinyurl.com/rjmaze>>.

Kathleen Sasnett, Assistant Professor of Voice and Opera at the Sunderman Conservatory, gave a faculty lecture recital on October 4, 2009 in the Paul Recital Hall entitled “The Verdi, Puccini, and Wagnerian Soprano” which gave information on the current German Fach system and the reasons for its inception. Kathleen sang arias from *La Traviata*, *Tosca*, and *Die Walkure* with **Scott Crowne, Adjunct Instructor of Music in the Sunderman Conservatory**, on the piano. This lecture recital included an audience survey of opinion.

Sasnett was the Soprano Soloist for the world premiere of John William Jones’ oratorio *For The People*, composed for the Lincoln Centennial presented at the 48th Annual Robert Fortenbaugh Memorial Lecture on November 19, 2009 in the Majestic Theatre. Conducted by the composer, the oratorio also featured Roosevelt Credit, bass; **Jeffrey Fahnestock**, tenor; Stephen Lang as Narrator; The Spires Brass Band; The Sunderman Woodwind Octet; and The Victorian Dance Ensemble. Sasnett and Roosevelt Credit also sang two concerts together for the community with **Scott Crowne, Adjunct Instructor of Music in the Sunderman Conservatory**, on the piano.

Sasnett performed as the Soprano Soloist in the role of Gabriel for the Varna, Bulgarian premiere of Haydn’s oratorio *Die Schöpfung* (The Creation) for the Varna Music Festival on Haydn’s 200th anniversary on May 31, 2009. Six voice students from the Conservatory were invited to sing in the chorus with full orchestral accompaniment: **Sara Smigen (‘12), Laura Bembridge (‘12), Katherine Marie Stickney (‘09), Sharon Denney (‘09), Camila Henderson (‘11), and Sarah Harmonay (‘11).**

Sasnett performed on a month-long European tour as the Soprano Soloist for the *Mozart Requiem* from May 29-June 30, 2010 in the following cities: Varna, Bulgaria; Prague, Czech Republic; Vienna, Austria; Bratislava, Slovakia; Budapest, Hungary; Jerusalem, Tel Aviv, and Haifa, Israel. Eleven voice students from Gettysburg participated in the chorus for the *Mozart Requiem* and as soloists for the *Broadway Concerts* directed by Kathleen Sasnett in Varna, Budapest and Bratislava. Kathleen also served on the faculty as an educator for Master Classes given in voice in Varna, Bulgaria, for the Varna International Music Festival. She has been invited back to perform Pamina in Mozart’s *Magic Flute*, and as the Soprano Soloist in Verdi’s *Requiem* in Verona, Milan, Padua, and Venice, Italy in June and July 2011.

Sasnett also directed Menotti’s opera *Amahl and the Night Visitors* produced by *Music, Gettysburg!*. Additionally, Sasnett performed the role of the Mother in this community production. Combining students from Gettysburg College, community members, and

professional singers, the production was presented at the Majestic Theatre in two performances on January 24, 2010. Chad-Alan Carr, Wayne Hill, and **J. Edward Riggs ('77)** performed the Three Kings in this production, with a double cast of boys to play Amahl: Owen Yingling, and Josh Larkin, of the Gettysburg Children's Chorus.

Donald Tannenbaum, Associate Professor of Political Science, played the leading role as Raphael Lemkin in the new play "If the Whole Body Dies: Raphael Lemkin and the Treaty Against Genocide" by Robert Skloot, Professor Emeritus, University of Wisconsin-Madison. The play, a staged reading, had a cast of seven, and was directed by **George Muschamp, Department of Theatre Arts**. It was sponsored by the Johnson Lecture Series in Judaic Studies, and was presented twice: on April 23, 2010 in Stevens Theatre and on April 25, 2010 to a sold-out audience at the library of Theatre J at the Jewish Center in Washington D.C. Raphael Lemkin (1900-1959) was the inventor of the word "genocide" and the author of the United Nations Convention on the Prevention and Punishment of the Crime of Genocide.

John Winship, Adjunct Instructor of Visual Arts, had a solo exhibit of his paintings, entitled "Deconstructing Nostalgia; Paintings 2000-2009" at the Center for the Arts, Endicott College, in Beverly, Massachusetts from April 6 to May 28, 2010. The paintings used old black-and-white casual snapshots as a take-off point in the process of creation.



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