The Faculty Notebook, October 2009

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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.

This newsletter is available at The Cupola: Scholarship at Gettysburg College: http://cupola.gettysburg.edu/facnotebook/41
Emelio Betances, Professor of Sociology and Latin American Studies, published a Spanish-language edition of *The Catholic Church and Power Politics in Latin America: The Dominican Case in Comparative Perspective* (Rowman and Littlefield, 2007). Translated by the Argentine poet Esteban Moore, the Spanish edition is titled *La Iglesia Católica y la política del poder en América Latina: el caso dominicano en perspectiva comparada* and was published by Funglede, 2009. Betances’s book examines the mediator role played by the Catholic Church in Latin American political conflict since the 1960s, finding the Dominican case notable in the extent to which the Church’s role became institutionalized.

Philip Bobko, Professor of Management and Psychology, and second author P. Roth contributed a chapter titled “An analysis of two methods for assessing and indexing adverse impact: A disconnect between the academic literature and some practice” to *Adverse Impact: Implications for Organizational Staffing and High Stakes Selection*, edited by J. Outtz (Routledge, 2009). The chapter (pages 29-49) investigates the reliance of the applied psychology literature on the four-fifths rule for determining adverse impact of selection tests, highlighting the important uses and limitations of this approach.

William Bowman, Professor of History, published “Suicide and Steinhof (Vienna)” in Eberhard Gabriel and Martina Gamper, eds., *Psychiatrische Institutionen in Oesterreich um 1900* (Verlagshaus der Aerzte, 2009): 73-79. The essay, which was based on a paper Bowman gave at an international conference in Vienna to mark the 100-year anniversary of Steinhof, a famous psychiatric institution, investigates medical, sociological, and psychological perspectives on the phenomenon of suicide and suicide prevention in Vienna from the late eighteenth to the early twentieth century. It examines the ideas, among others, of figures such as Tomas Masaryk and Sigmund Freud.


Beth M. Campbell Hetrick, Assistant Professor of Mathematics, and Rhonda J. Hughes published “Continuous dependence on modeling for nonlinear ill-posed problems” in *Journal of Mathematical Analysis and Applications*, Vol. 349 (2009): 420-435. In this paper, the authors prove that the solution to a nonlinear ill-posed problem, if it exists, depends continuously on the solution to a corresponding approximate problem.


Véronique Delesalle, Professor of Biology, with co-authors Susan J. Mazer (first author), Leah S. Dudley, Horacio Paz, and Preston Galusky, published “Stability of pollen-ovule ratios in pollinator-dependent versus autogamous Clarkia sister taxa: testing evolutionary predictions” in *New Phytologist*, Vol. 183 (2009): 630-648. It has been proposed that natural selection should favor distinct temporal patterns of sex allocation in selfing vs pollinator-dependent taxa. The authors’ study provides partial support for the hypothesis that the pollen-ovule ratio is more stable in selfing than in outcrossing taxa and rejects the hypothesis that selfers are less stable.


Charles F. Emmons, Professor of Sociology, contributed an essay to the *Encyclopedia of Death and the Human Experience*, edited by Clifton D. Bryant and Dennis L. Peck (Sage, 2009). The essay, titled “The Spiritualist Movement,” examines the history of the Spiritualist movement in regard to its approach to the meaning of death and compares the work of spirit mediums in the U.S. and England to that of mediums in other cultures.

Mary Evangeliste, Director of User Services and Outreach, Musselman Library, and first author Leslie Sult published “We Are All Librarians: Training in the Ever Evolving Information Commons,” in *Reference Librarian*, Vol. 50 (2009): 248-258. The authors describe the development and evolution of the training program that was created at the University of Arizona and share examples of training documents from that program.

Shelli Frey, Assistant Professor of Chemistry, with co-authors Patrick C. Stenger, Guohui Wu, Chad E. Miller, Eva Y. Chi, Ka Yee C. Lee, Jarek Majewski, Kristian Kjaer, and Joseph A. Zasadzinski, published “X-ray diffraction and reflectivity study of the competitive adsorption of lung surfactant and albumin” in *Biophysical Journal*, Vol. 97 (2009): 777-786. The article summarizes a series of x-ray scattering and Langmuir monolayer experiments to provide molecular-resolution information on the location and configuration of components of lung surfactant, the layer of lipids and proteins lining the lung, when small protein or polymer impurities are added.

Frey also published “Ordered nanoclusters in lipid:cholesterol membranes” in *Physical Review Letters*, Vol. 103 (2009): 028103. This article details x-ray scattering work performed on cell membrane model systems composed of binary systems of lipid and cholesterol to understand their molecular organization. The findings further illustrate the importance of lipid-lipid interactions to define regions of closely packed material termed lipid “rafts” implicated in numerous biological processes. The article was co-authored with Maria K. Ratajczak, Eva Y. Chi, Kathleen D. Cao, Laura Hawk, Jarek Majewski, Kristen Kjaer, and Ka Yee C. Lee.

Steve Gimbel, Professor of Psychology, and Anne Emerson ’08 published “Montessori and the Uncited Influence of Hegel” in *Communications*, (2009): 39-53. The article shows that Maria Montessori’s pedagogy is based upon her picture of human development, a picture shaped by the Hegelianism of her university professor Antonio Labriola. *Communications* is the journal of the Association Montessori Internationale.
Gimbel contributed “Formidable Opponent and the Necessity of Moral Doubt” (pages 19-28) to Stephen Colbert and Philosophy: I Am Philosophy (And So Can You), edited by Aaron Allen Schiller (Open Court, 2009). Gimbel observes how contemporary public ethical and political discourse follows the “Crossfire” model, in which commentators with entrenched views talk over each other, changing one’s view is seen as flip-flopping, and moral doubt a sign of moral weakness. According to Gimbel, it is only in the comic sketch “Formidable Opponent” on the Colbert Report that we see a picture of authentic moral deliberation.

Caroline Hartzell, Professor of Political Science, published “Settling Civil Wars: Armed Opponents’ Fates and the Duration of the Peace” in Conflict Management and Peace Science, Vol. 26 (2009): 347-365. Hartzell finds no support for the argument that peace following civil wars will be long-lived when organizational structures of all but one of the factions that competed in the conflict are destroyed or dismantled at the war’s end. Her findings do show that agreements among rivals to share power can help to prolong the peace.

Zhining Hu, Assistant Professor of Economics, with co-authors J. Zheng and J. Wang, published “Entrepreneurship and Innovation: the Case of Yangtze River Delta in China” in Journal of Chinese Entrepreneurship, Vol. 1 (2009): 85-102. The article examines the role of entrepreneurship in enhancing economic innovation in the Yangtze River Delta of China. Empirical results reveal a significant relationship between entrepreneurship and human capital, but an insignificant relationship between research and development (R&D) expenditures and entrepreneurship. Hence, the Delta has the potential to transform its growth strategy due to its human capital endowment as an antecedent of innovation, but entrepreneurs and local governments in the Delta should seek more opportunities to exploit and strengthen their R&D bases.

Alvaro Kaempfer, Assistant Professor of Spanish, published Relatos de soberanía, cohesión y emancipación: las declaraciones de Independencia de Argentina (1816), Chile (1818) y Brasil (1822). (Editorial USACh, 2009). The book explores the complex relationship between colonialism and national independence in three Latin American political narratives of national foundation. Anchored in primarily in the humanities, the author’s reading of political documents also engages in dialogue with critical perspectives from the social sciences.

Benjamin Kennedy, Assistant Professor of Mathematics, published “Periodic Solutions of Delay Equations with Several Fixed Delays” in Differential Integral Equations, Vol. 22 (2009): 679-724. In the article, Kennedy proves the existence of multiple periodic solutions for a certain class of differential equations with several fixed delays. The existece result applies when parameters describing the equation are sufficiently small and relies on a careful comparison of the equation to its appropriate limiting equation.

Michael Margolis, Assistant Professor of Economics, and co-author Jason F. Shogren published “Endogenous enclosure in North-South trade” in Canadian Journal of Economics, Vol. 42 (2009): 866-881. In their article, the authors show that poor countries can be harmed by trade liberalization under a broader set of circumstances than previously realized.

Laurence Marschall, W.K.T. Sahm Professor of Physics, and Stephen P. Maran published Pluto Confidential: An Insider Account of the Ongoing Battles over the Status of Pluto (BenBella Books, 2009). Written for a popular audience, the book describes the reasons for Pluto’s new status and traces the history of controversies over planets since the time of Galileo.

Brian P. Meier, Assistant Professor of Psychology, with Maggie S. Carter ’09, Benjamin M. Wilkowski, Michael D. Robinson, and Roger Feltman, published the article “‘Hotheaded’ is more than an expression: The embodied representation of anger in terms of heat” in Emotion, Vol. 9 (2009): 464-477. Studies conducted by the authors reveal that heat-related metaphors are not simply a poetic means of expressing anger but actually reflect the manner in which the concept of anger is cognitively represented.
Meier, Carter, and David J. Hauser ’08 (first author) also published “Mellow Monday and Furious Friday: The approach-related link between anger and time representation” in Cognition and Emotion, Vol. 23 (2009): 1166-1180. Three studies conducted by the authors reveal a novel bidirectional link between the seemingly unrelated but similarly embodied domains of anger and time.


Phua also published “Economic Hardship among Elderly Pacific Islanders” in AAPI Nexus, Vol. 6 (2008): 65-79. This paper presents baseline information about the poverty status of Native Hawaiian and other Pacific Islander elders and explores how individual and household characteristics impact their economic well-being. The article is coauthored with Sela V. Panapasa and James W. McNally. Phua is the second author.

Rutherford Platt, Assistant Professor of Environmental Studies, and T. Schoennagel published “An object-oriented approach to assessing changes in tree cover in the Colorado Front Range, 1938-1999” in Forest Ecology and Management, Vol. 258 (2009): 1342-1349. The authors employ object-oriented image analysis to answer the question of whether forest cover has changed since the forest service started putting out fires in Colorado eighty years ago.

Dave Powell, Assistant Professor of Education, and co-author Hawley Todd contributed “Four way street: Fusing curriculum, pedagogy, content, and purpose to advance the common good” to Social studies and diversity education: What we do and why we do it, edited by E.A. Heilman (Routledge, 2009). The chapter (pages 43-46) describes the authors’ efforts as instructors in social studies curriculum and methods courses to bring content knowledge, pedagogical practice, curriculum, and purpose together to help future teachers develop a stronger sense of how their teaching could advance the common good through emphasis on participatory democracy.

Rajmohan Ramanathapillai, Assistant Professor of Philosophy, published “A Forest Ride on Wild Elephants: The Philosophy of Wilderness in Buddhism” in Gajah: Journal of Asian Elephant Specialist Group, Vol. 30 (2009): 29-33. The article examines the intricate relationship of the forest and elephants to monks and nuns embarking on their spiritual journey and the expression of this process in the philosophical development of Buddhism.

Deborah Rapuano, Assistant Professor of Sociology, published “Working at Fun: Conceptualizing Leisurework” in Current Sociology, Vol. 57 (2009): 617-636. The article examines Irish music pub sessions structured to attract tourists. In these settings, musicians participating in a leisure activity are in effect working to increase the profit of pub owners, thereby giving a form of leisure certain characteristics of work.


Elizabeth Richardson Viti, Associate Provost for Faculty Development and Professor of French, contributed a chapter to Annie Ernaux: Perspectives critiques, edited by Sergio Villani (Legas, 2009). The chapter (pages 253-259), titled “Annie Ernaux et la maison du Bonheur,” examines the way in which the act of waiting plays a crucial role in all that the contemporary French author has written, from her first work, Les Armoires vides, to her latest, Les Années.

Michael Ritterson, Professor Emeritus of German, contributed a chapter titled “Wilhelm Raabe and Translation” to Wilhelm Raabe: Global Themes – International Perspectives, edited by Dirk Göttscbe and Florian Krobb (Legenda, 2009). The chapter (pages 159-69) reviews the history of translations of Raabe’s (1831-1910) work into English, notes particular problems confronting his translators, and offers suggestions for incorporating more of his writings into college-level literature courses in the English-speaking world.

Richard Russell, Assistant Professor of Psychology, published “A sex difference in facial pigmentation and its exaggeration by cosmetics” in Perception, Vol. 38 (2009): 1211-1219. The author reveals the existence of a gender difference in facial pigmentation, demonstrates that people use this difference to determine the gender of a face, and shows that cosmetics are applied in precisely the correct manner as to exaggerate the gender difference. His results support the notion that cosmetic use is determined by biological as well as cultural factors.

Deborah Sommer, Associate Professor of Religion, published the article “Recent Western Studies of Zhu Xi” in the edited volume 宋代新儒學的精神世界：以朱熹為中心 (Song Dynasty Neo-Confucianism: A Focus on Zhu Xi). Edited by Wu Zhen of the Department of Philosophy at Fudan University in Shanghai, the volume was published in June 2009 by the East China Normal University Publishing Company. Zhu Xi, an important twelfth century thinker, was the subject of a conference at Fudan University in October 2008.

Carolyn S. Snively, Professor of Classics, published “The Fate of Balkan Cities in Late Antiquity: Recent Views,” in Niš and Byzantium VII (2009): 37-44. The article provides a review of several models proposed for what happened to Roman cities in the Balkan Peninsula during Late Antiquity, along with yet another model for cities constructed in connection with the exploitation of natural resources.


Michael Strickland, Assistant Professor of Physics, with co-authors Adrian Dumitru, Yun Guo, and Agnes Mocsy, published “Quarkonium states in an anisotropic QCD plasma” in Phys. Rev. D, Vol. 79 (2009): 054019. The authors consider quarkonium in a hot quantum chromodynamical (QCD) plasma which, due to expansion and nonzero viscosity, exhibits a local anisotropy in momentum space. At short distances the heavy-quark potential is known at tree level from the hard-thermal loop resummed gluon propagator in anisotropic perturbative QCD. The potential at long distances is modeled as a QCD string which is screened at the same scale as the Coulomb field. At asymptotic separation, the potential energy is nonzero and inversely proportional to the temperature. The authors obtain numerical solutions of the three-dimensional Schrödinger equation for this potential and find that quarkonium binding is stronger at nonvanishing viscosity and expansion rate, and that the anisotropy leads to polarization of the P-wave states.

Yan Sun, Associate Professor of Art History, contributed four articles on Chinese archaeology to The Berkshire Encyclopedia of China (Berkshire LLC, 2009). The articles were “Mausoleum of Qinshihuan,” pages 1424-1427; “Mawangdui Han Tomb,” pages 1428-1429; “Sanxingdui Culture,” pages 1919-1921; and “Yangshao Culture,” pages 2552-2554.

Beatriz Trigo, Assistant Professor of Spanish, published “Las damas del Fin del Mundo o la novela histórico fantástica femenina” in Hispanófila, Vol.156 (2009): 67-82. The article studies the Peninsular historical fantastical novel and how women use this narrative vehicle to re-write history from a women’s perspective.

James Udden, Associate Professor of Film Studies, published No Man an Island: The Cinema of Hou Hsiao-hsien (Hong Kong University Press, 2009). Udden’s work is the first book-length manuscript in English on the Taiwanese film director, Hou Hsiao-hsien. This book argues that only the specifics of the Taiwanese context under which Hou operated, not the usual generalized explanations based on Chinese or Asian culture, can explain his unique body of work.

Udden also published “Child of the long take: Alfonso Cuaron’s Film Aesthetics in the Shadow of Globalization,” in Style, Vol. 23 (2009): 26-44. Alfonso Cuaron’s 2006 film, Children of Men, suggests that the economic pressures on contemporary Hollywood directors differ little from those in the studio era. The most prominent stylistic feature of the film – the long take – is based on motives not as transcendent as the filmmakers suggest, reflecting instead Cuaron’s own fluctuating position within a globalized film industry.

Laura van den Berg, Emerging Writer and Lecturer in English, published a collection of her short stories in a book titled What the World Will Look Like When All the Water Leaves Us, (Dzanc Books, 2009).

REVIEWS


Marta Robertson, Associate Professor of Musicology in the Sunderman Conservatory of Music and Coordinator of Interdisciplinary Studies, reviewed Carol Téten, America Dances! 1897-1948: A Collector’s Edition of Social Dance in Film and Renée Camus, Dawn of a New World: Two-Step to Lindy Hop (1890s-1940s) in American Music, Vol. 26 (2008): 546-549. In her review, Robertson concludes first, that these works signal a growing understanding of dance as a critical field of musical studies, and second, that such resources can hasten the incorporation of movement into the study of music, making a substantive contribution to musicology.

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**PROFESSIONAL PAPERS AND PRESENTATIONS**

**Marie-Jo Binet**, Associate Professor of French, presented a paper for the Mediterranean Studies Colloquium at the Franklin & Marshall College, Lancaster, PA, April 12, 2008. The lecture, titled: “Kechiche’s L’Esquive (Games of love and chance): Equivocal Art” analyzed the director’s artistic work as a close-up on the socio-cultural and inner life of suburban marginalized youth.

Binet also delivered a presentation at the International Festival of Sacred Arts in Delhi, India, in February 2009. The presentation, titled “Painting after painting: Spiritual Markings in Motion,” discussed the creative process stages and rippling effects in her own work as well as in artworks by Nigerian American Moyo Okediji, and Polish American Andrea McCluskey.

**Michael Birkner**, Professor of History and Benjamin Franklin Professor of the Liberal Arts, presented a paper titled “Not Yet Ready: Australian University Libraries and Carnegie Corporation Philanthropy, 1935-1945” on June 26, 2009, at the 9th Conference on Australian Library History, Swinburne University, Melbourne, Australia. A window into post World War II university library evolution in Australia, the paper explored the Carnegie Corporation of New York’s efforts to modernize and professionalize libraries in Australia by focusing on university library culture. Birkner described the goals of Corporation President Frederick Keppel and his consultants and considered why Australian libraries were, with one exception, unready to meet the conditions for funding from the Corporation.

**Beth M. Campbell Hetrick**, Assistant Professor of Mathematics, presented “Quasireversibility for inhomogeneous ill-posed problems” on May 7, 2009, at the Mississippi State - University of Alabama at Birmingham Conference on Differential Equations and Computational Simulations. In this work, Campbell Hetrick used the method of quasireversibility to obtain continuous dependence results for inhomogeneous ill-posed problems. The conference was held in Mississippi State, MS.

**Gerardo Carfagno**, Visiting Assistant Professor of Biology, presented a poster titled “Linking snake behavior to nest predation in a Midwestern bird community” at the Ecological Society of America annual meeting held in Albuquerque, NM, August 2-7, 2009. Co-authored with Patrick Weatherhead, Jinelle Sperry, Jeffrey Brawn, and Scott Robinson, the poster presented results from one of the first field studies to simultaneously monitor both snake behavior and the resulting impacts for nesting songbirds on which they feed.

**Felicia Else**, Assistant Professor of Art History, delivered a paper at the Sixteenth Century Studies Conference in Geneva, Switzerland, May 2009. The paper, titled “Ammannati Losing His Marbles? The Challenges of Building for the Medici Ducal Court,” analyzed a set of unpublished manuscript letters by the sixteenth-century artist, Bartolomeo Ammannati. The letters concern the transportation of material for major art and architectural projects in Florence and Pisa. Else also organized the panel session, which was titled “Art and the Demands of the Sixteenth-Century Italian Court.”

**Kay Etheridge**, Associate Professor of Biology, presented “Maria Sibylla Merian, the First Ecologist” at a conference titled “Women in Science,” hosted by the University of Grenoble, in France, June 2-4, 2009. The paper examined the innovative contributions of a seventeenth-century naturalist to the beginnings of entomology and ecology.
Mary Evangeliste, Director of User Services and Outreach, Musselman Library, with co-author Amy Ward, Cataloguing Librarian, Musselman Library, presented at the American Libraries Association Conference in Chicago, IL, on July 13, 2009. The presentation, titled “Playing with Fire: Engaging Community Partners in Library Disaster Planning,” discussed the many ways Musselman Library has partnered with the college’s Department of Public Safety to create a sustainable and transferable emergency preparedness program.


Caroline Hartzell, Professor of Political Science, presented “Short-term Pain, Long-term Gain? The Effects of IMF Economic Reform Programs on Public Health Performance” at the Annual Meeting of the American Political Science Association, September 3-6, 2009, Toronto, ON. Co-authored with Matthew Hoddie and Jason Smith, the paper analyzed the effects of the International Monetary Fund’s Structural Adjustment Programs. The authors found that these programs raise the exposure of populations to conditions that increase incidences of disease and death in the short term and are followed by a short-lived period in the longer term during which rates of disability and mortality are reduced.

Hartzell delivered the keynote address at the conference “Communities in Conflict: Civil Wars and their Legacies” at Swansea University in Wales on September 4, 2009. Hartzell was invited by Swansea University’s School for the Arts and Humanities and the German Historical Institute, London. The lecture, titled “Civil Wars as Critical Junctures,” considers the effects of civil war on the development of political institutions.

Barbara Schmitter Heisler, Professor Emerita of Sociology, presented a co-authored paper with Martin Heisler, Professor Emeritus of Political Science, University of Maryland, at the 5th General Conference of the European Consortium for Political Research in Potsdam, Germany, September 10-12, 2009. In their paper, titled “Bringing Class Back In: Immigrants and Immigration through the Prism of Class,” the authors argued that although the concept of social class has lost currency in the study of immigration, which has tended to focus on citizenship and ethnicity, a reorientation toward class can be useful for understanding current immigration issues. Heisler also acted as a discussant on the same panel.

Koren Holland Deckman, Associate Professor of Chemistry, was the primary author of U.S. Patent Application No. 20080254530, entitled “Isolation and Characterization of a Single Mitochondrion with Optical Tweezers.” The patent abstract was published in October 2008. Deckman’s co-authors were Rani Kishore, Joseph Reiner, Kristian Helmerson and Barbara Levin, all from the National Institute of Standards and Technology. The work was developed in order to study the distribution of a mitochondrial DNA mutation within a single mitochondrion. Understanding the normal:mutant genome copy ratio fluctuation will help in understanding the progression of adult-onset mitochondrial myopathy.
Holland Deckman co-authored “Mutation discovered in a feline model for early onset severe retinal blinding disease,” presented at the Association for Research in Vision and Ophthalmology (ARVO) Conference in Ft. Lauderdale, FL in May 2009. Her co-authors were Marilyn Menotti-Raymond, Victor David, and Stephen O’Brien from the National Cancer Institute and Kristina Norfstrom from the University of Missouri. Since large mammal models correlate more closely to human physiology than do mice and rats, the authors’ identification of a large mammal model for the study of retinitis pigmentosa could eventually lead to a gene therapy treatment for this dominant genetic disorder in humans.

Alvaro Kaempfer, Assistant Professor of Spanish, presented “Sociedad de la Igualdad, Estado de excepción y amistad: la Carta a Francisco Bilbao (1852) de Santiago Arcos como programa de amistad cívica” at the XXVIII International Congress of the Latin American Studies Association (LASA), held in Rio de Janeiro, Brazil, June 11-14, 2009. The paper explored the notion of trust and friendship in a nineteenth-century political letter looking for a revival of the emancipatory dimension of Latin American liberalism.

Virginia Lea, Associate Professor of Education, presented “Trying to Walk the Talk in a Neo Liberal World” at the Initiative for Critical Discussion at The Paulo and Nita Freire International Project for Critical Pedagogy, Baeza, Jaén, Spain, September 2009.

Nathalie Lebon, Assistant Professor of Women, Gender, and Sexuality Studies, was invited to present a paper entitled “Políticas Feministas de Escala: De São Paulo pro Mundo” (“Feminist Politics of Scale: A View from Sao Paulo and Beyond”) as part of the invited panel “Scales of ethnography and the study of gender” at the Annual Congress of the Portuguese Association of Anthropology in Lisbon, Portugal, September 9-11, 2009. The paper discussed the challenges and opportunities presented by national and international level activism for local activism by Brazilian women’s movements for gender equity.

Lebon also presented a paper entitled “National Gender Politics in Lula’s Brazil” at the Central Pennsylvania Consortium’s Annual Women’s Studies conference, “The White House and beyond: Gender and Race in Contemporary Politics” at Gettysburg College on March 28, 2009. The paper discussed the achievements and limitations in terms of gender equity policy of Brazil’s progressive Workers’ Party since 2003.

Lebon also presented a paper entitled “Taming or Fueling the Monster of Coalition Work? Professionalization and the Consolidation of Popular Feminism in Brazil” at the 28th International Congress of the Latin American Studies Association in Rio de Janeiro, Brazil, June 11-14, 2009. The paper discussed the role played by the professionalization of women’s movements organizations in the difficulties encountered by cross-class coalitions.

Carl Leinbach, Professor Emeritus of Computer Science, and Patricia Leinbach, retired Coroner of Adams County, presented a paper entitled “Using Forensic Investigations and Computer Algebra to Motivate Student Interest in Mathematics” at the 15th International Conference on Applications of Computer Algebra held June 25-28, 2009, in Montreal, QC. The authors explained how mathematical analysis can assist the coroner in determining information relevant to a coroner’s investigation.

Daniel McCall, Associate Professor of Psychology, presented “The Effect of Semantic Cues on Odor Identification in Children and Adults” at the meetings of the Society for Research in Child Development in Denver, CO, on April 3, 2009. The study, conducted with co-authors Nathalie Goubet, Associate Professor of Psychology; Megan Eberly ’08; and Jennifer Ducz ’11, explored the reasons children and adults have difficulty naming familiar odors. The authors concluded that the difficulty stems from poor associations between odors and their labels in semantic memory, rather than from weaknesses in odor discrimination and detection.
Salma Monani, Assistant Professor of Environmental Studies, delivered “Ecopedagogical Strategies in an Environmental Film Class” at the Biennial Conference of the Association for the Study of Literature and Environment held in Victoria, BC, June 2-7, 2009. The paper discussed strategies for engaging students in the theory and praxis of the new and interdisciplinary field of Ecomedia Studies. Ecomedia Studies examines the intersections between film, new media, and the environment.

Karen Pinto, Assistant Professor of History, presented “Portraits of ‘the West’ in Arab Maps and Poetry” at the Center for Medieval and Renaissance Studies Ahmanson Conference titled “Mapping Medieval Geographies: Cartography and Geographical Thought in the Latin West and Beyond, 300-1600,” held at University of California Los Angeles, on May 28-30, 2009. Pinto’s paper analyzed the representation of the “Islamic West” (the Maghreb) in medieval Islamic maps from the eleventh to the fifteenth centuries and proposed a new methodology of interpreting medieval Islamic maps through an analysis of different levels of gaze and of Hispano-Arabic poetry.

Dave Powell, Assistant Professor of Education, presented “Troubling epistemologies: A pragmatic approach to promoting purposeful and knowledgeable practice with preservice social studies teachers” at the annual meeting of the American Education Research Association, San Diego, CA, April, 2009. The paper explored the role epistemology plays in shaping the practice of pre-service social studies teachers, especially as it pertains to their ability to conceptualize social studies as a school subject, and investigated how educational pragmatism can help reduce many of the tensions associated with teaching social studies for active democratic citizenship.

Brett M. Rogers, Assistant Professor of Classics and Women, Gender, and Sexuality Studies, presented “Profit in Learning: Economic and Educational Identities in Sophocles’ Antigone” at the Classical Association of the Middle West and South meetings, hosted by the University of Minnesota, Minneapolis, April 3, 2009. The paper examined the effects of currency and profit on how various characters perceive human identity and the viability of education in Sophocles’ classic drama from 442/1 BCE, Antigone.

Richard Russell, Assistant Professor of Psychology, presented a poster titled “The use of shape and pigmentation information across the spectrum of face recognition ability” at the Annual Meeting of the Vision Sciences Society, Naples, FL, May 2009. The authors presented work addressing the hypothesis that the ability to perceive certain low-level visual features underlies face recognition ability. The poster was co-authored by G. Chatterjee and K. Nakayama. The same authors presented a poster titled “Non-face visual memory impairments in developmental prosopagnosia” at the Naples conference. This poster presented evidence supporting the notion that general visual memory ability predicts face memory ability.

Barbara Sommer, Associate Professor of History and Coordinator of the Latin American Studies Program, presented an invited paper at the III Colóquio Internacional Raízes do Privilégio, Rio de Janeiro, Brazil, June 22-25, 2009. The paper, “Hierarquia social nos finais do século XVIII: uma perspective regional da Amazônia portuguesa,” focused on Portuguese Crown privileges awarded to three relatively marginal social groups in Amazonia.

Sommer also presented a paper entitled “Corpo e Ossos: a substância de relações sociais e políticas em Amazônia colonial,” at the Simpósio Temático 36: Os Índios na História: Organização, Mobilização e Atuação Política, XXV Simpósio Nacional de História, Fortaleza, Brazil, July 12-17, 2009. The paper proposed that historians reinterpret colonial sources from a more ethnohistorical perspective by recognizing that substance, especially food, body, and bones, was key to sociability in native Amazonia.
Deborah Sommer, Associate Professor of Religion, delivered the keynote address at the inaugural celebration of the Confucius Institute at Pace University in New York, NY, on May 5, 2009. Titled “Images of Confucius: Past and Present,” Sommer’s presentation explored little-known folkloric traditions about Confucius and demonstrated how visual depictions of him have been imagined in radically different ways over the centuries.


Michael Strickland, Assistant Professor of Physics, gave an invited lecture at the Frankfurt Institute for Advanced Studies, Frankfurt am Main, Germany, on June 15, 2009. The lecture was titled “A Parallel Algorithm for Solving the 3d Schrodinger Equation.”

Strickland also gave an invited seminar at Institute of Theoretical Physics in Wroclaw, Poland, on July 10, 2009, as part of the “Three Days of Strong Interactions” workshop on nonperturbative quantum field theory and many-body physics of strong interactions and hadronic matter at high densities and/or high temperatures. The seminar was titled “Three-Loop HTL Free Energy for QED.”

Strickland gave an invited lecture at the Institute for Theoretical Physics, Vienna Technical University, Austria, on August 3, 2009. The title of the lecture was “Phenomenology of non-Abelian Plasma Instabilities.”

Kristin Stuempfle, Associate Professor of Health Sciences, gave an invited talk at the International Conference on Science in Ultraendurance Sports in Squaw Valley, CA, June 2009. The presentation, titled “Exercise-Associated Hyponatremia,” addressed the incidence, etiology, clinical manifestations, diagnosis, treatment, and prevention of hyponatremia (low blood sodium).

Stuempfle also presented a paper at the American College of Sports Medicine Annual Meeting in Seattle, WA, June 2009. Titled “Exercise-associated hyponatremia in a cold weather ultraendurance race,” the presentation included data from a hyponatremia study conducted in the Alaskan wilderness in the extreme cold.

Yan Sun, Associate Professor of Art History, was invited by the Department of the History of Science and Archaeometry at the University of Science and Technology of China, in Hefei, China, to give a lecture in June 2009. The paper, titled “The Distribution and Cultural Meaning of the Bronze Willow Leaf-shaped Sword in the Western Zhou Period,” was a discussion on how the function and meaning of a single type of object changes during the process of cultural transmission. Sun spoke on the same topic at the annual meeting of the Society of American Archaeology in Atlanta, GA, in April 2009. The paper from that conference was titled “The Changing Meanings of the Willow Leaf Shaped Sword in Western Zhou China.”

Donald G. Tannenbaum, Associate Professor of Political Science, presented a paper for a panel titled “Evolution and Politics” at the 2009 Triennial Meeting of the International Political Science Association in Santiago, Chile, in July 2009. Tannenbaum’s paper, titled “Methodology, Political Philosophy, and Biopolitics,” pointed to some critical methodological misstatements made by postmodern critics of mainstream biopolitical studies when referring to those studies as “thanatopolitical.” These misstatements become apparent, Tannenbaum argued, when placed in the larger context of the development of political philosophy.
Tannenbaum also presented a paper for a panel titled “Challenging America’s Impoverished Politics: Mining the Scholarship of H. Mark Roelofs (1923-2008)” at the Annual Meeting of the American Political Science Association, Toronto, ON. Titled “Thinking Politically: Does America’s Salvation Rest With John Locke?” the paper examined the profound influence of Lockean individualism on American politics, with emphasis on scholars who think such individualism contributes to a paralysis of American government in the face of many contemporary problems. It concluded with an analysis of the scholarship of H. Mark Roelofs, which finds a communalist strain in American politics that counterbalances Lockean individualism but preserves governmental paralysis.

Isabel Valiela, Adjunct Assistant Professor of Spanish, Latin American Studies, and Women, Gender, and Sexuality Studies, presented “Writing Cubanidad: New Directions in Cuban-American Narrative Literature” at the Latin American Studies Association Conference in Rio de Janeiro, Brazil, June 11-14, 2009. The paper focused on the literature of the new generations of Cuban-American writers, such as the “One-And-A-Half” generation, whose members were brought to the United States as children during the early years of the Cuban Revolution, and others who came to the U.S. in the 80’s and 90’s but do not fit easily into the Cuban-American identity category.

PROFESSIONAL ACTIVITY

Christine Amedure, Assistant Archivist, Special Collections, Musselman Library, in a project funded by a Research and Professional Development Grant, studied for two weeks with professional bookbinder and conservator Mary Wootton in Gettysburg, PA, in July 2009. This two-week independent study focused on various conservation treatment options and techniques for eighteenth and nineteenth century leather bound books.

Michael Birkner, Professor of History and Benjamin Franklin Professor of the Liberal Arts, was featured in Fairmount Folio, Vol. 11 (2009): 49-51. The article is the latest of an annual series of interviews conducted with veteran scholars about their career path, research, and use of original source materials. The article, written by Helen Hundley, is titled “An Interview with Dr. Michael Birkner.” Fairmount Folio is a publication of the History Department at Wichita State University in Wichita, KA.

Ann Harper Fender, Professor Emeritus of Economics, gave a week-long course titled “The Financial Crisis: What Insights Can Modern Microeconomic Theory Provide?” at the Fulbright International Summer Institute, held this year in Tryavna, Bulgaria, August 10-August 22, 2009. Fender’s students came from Bulgaria, Croatia, Italy, Russia, and Ukraine, and ranged from undergraduates to doctoral candidates.

J. Scott Hill, Adjunct Instructor of Spanish, completed the delivery of 213 computers and thousands of books to over 30 institutions in Malawi as part of the Gettysburg-Malawi Project, a project dedicated to the memory of Dr. Derrick Gondwe.

Alvaro Kaempfer, Assistant Professor of Spanish, participated as discussant in a workshop organized by the Latin American Studies program at the Johns Hopkins University, Baltimore, MD, on May 22-23, 2009, to celebrate the 400-year anniversary of the publication of Inca Garcilaso de la Vega’s Comentarios Reales.

Yeon-Su Kim, Assistant Professor of Violin and Viola in the Sunderman Conservatory of Music, performed violin masterclasses at Song Woo at Beares and at Jin Gallery, two venues in Seoul, Korea. These masterclasses, held from June 15 to July 15, 2009, involved 45 musicians from performing arts schools and universities in Seoul.
Russell G. McCutcheon, Assistant Professor and Director of Bands in the Sunderman Conservatory of Music, served as Leadership Track Program Director of the McNeese State University Summer Band Camp in Lake Charles, LA. The summer band camp, held in June 2009, was attended by high school students primarily from Louisiana and Texas. Gettysburg students Josh Caruthers ’10 and Alex Peters ’12 served as sectional clinicians during this camp.

Salma Monani, Assistant Professor of Environmental Studies, served on two graduate professionalization panels at the Association for the Study of Literature and Environment Conference in Victoria, BC, June 2-7, 2009. Monani chaired “Finding your Audience: Insights into Publishing” and served as a panelist for “Finding your Niche: Negotiating the Job Market.” At the same conference, Monani chaired the session “(Un)Natural Visions: Ecocritical Perspectives on Film and Visuality,” and she moderated and introduced the plenary speaker Karsten Heuer’s “Writing, Film and the Environment: Stories in Landscape.”

Peter Morgan, Adjunct Assistant Professor of Studio Art, attended an artists’ residency at the Archie Bray Foundation in Helena, MT, summer 2009. At this residency he created several new pieces and worked alongside nationally and internationally renowned artists.

Donald G. Tannenbaum, Associate Professor of Political Science, chaired the panel “Evolution and Politics” at the September 2009 annual meeting of the American Political Science Association in Toronto, ON. Papers featured on the panel included one by Roger Masters, Dartmouth College, on “Group Selection and Group Conflict,” and another by Bradley Thayer, Baylor University, on “Evolutionary Psychology and Nuclear Deterrence Theory.”

PROFESSIONAL DISTINCTIONS AND AWARDS

Kathleen Cain, Associate Professor of Psychology, received a Fulbright Lecturing/Research award to spend the 2009-10 year in Cairo, Egypt. She will teach developmental psychology to graduate students at the Institute of Postgraduate Childhood Studies at Ain Shams University and conduct collaborative research on social cognitive processes in children with special needs, including street children.

Kim Dana Kupperman, Managing Editor of The Gettysburg Review, received a Notable Mention in Best American Essays 2009 for “Paved with Good Intentions,” which was originally published in Hotel Amerika, Vol. 6 (2008): 94-102. In this autobiographical essay, a forty-five-year-old narrator muses about the death of her father and the fragmentation of her relationship with a brother.

Marta Robertson, Associate Professor of Musicology in the Sunderman Conservatory of Music and Coordinator of Interdisciplinary Studies, was selected to serve on the Awards Committee of the Society for American Music, Irving Lowens Award for Distinguished Scholarship in American Music—Article (2008 publications). The award will be announced at the annual meeting of the Society for American Music, March 2010, in Ottawa, ON.

Dustin Beall Smith, Adjunct Assistant Professor of English and Peer Tutoring Coordinator, received a Notable Mention in Best American Essays 2009 for “No Feeling of Falling,” which was originally published in Alaska Quarterly Review, Vol. 25 (2008): 119-34. In this essay the narrator explores his experience as a pioneer skydiver in 1959.

Laura van den Berg, Emerging Writer and Lecturer in English, was awarded a Pushcart Prize for her short story, “What the World Will Look Like When All the Water Leaves Us,” which was originally published in One Story, Issue 102 (2008). The Pushcart Prize is an anthology of the best work from journals and presses, culled from the nominations submitted by editors annually.
Artworks by Marie-Jo Binet, Associate Professor of French, were featured in the exhibit “Everywhere and Nowhere: The Spiritual Temperament in Current American Art,” first shown at the International Festival of Sacred Arts in Delhi, India, in February 2009 and later on exhibit throughout India.

Stefano Boselli, Assistant Professor of Italian, and Susan Russell, Associate Professor of Theatre Arts, created a new translation of Carlo Goldoni’s eighteenth century comedy, The Liar, which was premiered with student actors at the Kline Theatre in April 2009.

Buzz Jones, Professor of Music in the Sunderman Conservatory of Music, composed several new works during the 2008-09 academic year. The Gettysburg College Choir under the direction of Robert Natter, Associate Professor and Director of Choral Activities in the Sunderman Conservatory of Music, performed A Winter Presence for a cappella choir and two percussionists on December 6, 2008. The text was a poem by British writer Stephen Leake.

Jones’s commissioned composition Bone, for solo trombone and jazz orchestra, was premiered in suburban Harrisburg on May 5, 2009, and had a repeat performance by the Buzz Jones Big Band at the Gettysburg Festival on June 24, 2009. Tim Sestrick, Adjunct Assistant Professor and Music Librarian in the Sunderman Conservatory of Music, and Elysse Stanger ’11 assisted in the production.

A preview of Jones’s For The People was presented at the Gettysburg Festival on June 21, 2009. An oratorio composed for brass band, vocalists, and woodwind octet, For The People celebrates the bi-centennial of Lincoln’s birth through arias, recitatives, rallying songs of the Civil War as well as hymns and gospel songs. A majority of the texts are Lincoln quotations from a book edited by Gabor Boritt, Professor Emeritus of History and Civil War Era Studies. The performance included tenor soloist Jeffrey Fahnestock, Adjunct Assistant Professor of Voice in the Sunderman Conservatory of Music; Kathleen Sasnett, Assistant Professor of Voice and Opera in the Sunderman Conservatory of Music, bass-baritone soloist Roosevelt Credit, and the Sunderman Woodwind Quintet. At the performance, Sasnett also performed the aria “The Jewel Song” from Faust and “The Last Rose of Summer,” both favorites of Mary Todd Lincoln.

Jones’s arrangement of Blackbird was recently recorded by the Aureole Trio (flute, viola, and harp) on the CD The Beautiful Beatles, released in August 2009.

Yeon-Su Kim, Assistant Professor of Violin and Viola in the Sunderman Conservatory of Music, performed and taught at the Interharmony Festival, August 2009, in Sulzbach-Rosenberg and Hinterzarten/Schwarzwald, Germany. Ryan Kozak ’13 and Bradley Gottschalk ’13 also participated in the festival.

Kim took part in the Archipel Festival in Geneva and Lausanne, Switzerland, in March 2009. She performed as concertmistress with French and Swiss musicians in a work by Stefano Gervasoni.

Russell G. McCutcheon, Assistant Professor of Music and Director of Bands in the Sunderman Conservatory of Music, was invited to guest conduct the Universidad de Caldas Wind Ensemble in four days of intensive rehearsal culminating in a concert performance at the 15th Annual Yamaha Latin American Wind Band Festival in Manizales, Colombia, held May 30 - June 6, 2009.

McCutcheon was an invited guest conductor and clinician for the Pennsylvania All-State Lions Club Bands, a group of high school and collegiate musicians who this year toured to Minneapolis, MN, and presented several performances both there and in Gettysburg, July 1-11, 2009.
Peter Morgan, Adjunct Assistant Professor of Studio Art, exhibited three pieces in the exhibit “I don’t want to grow old and bitter alone, I want to grow old and bitter with you” at the Lux Center for the Arts, Lincoln, NE, in May 2009. The show was curated by Sandra Williams and Gerit Grimm and featured the work of six ceramicists and six painters.

Morgan also exhibited several sculptures in the show “Appalachian Heritage” at the Blue Windmill Gallery in Abingdon, VA, from July to September 2009. This exhibition featured the work of artists from the Southern Appalachian Highlands.

Morgan exhibited three pieces in the exhibition “Pop Craft” at the Society of Arts and Crafts in Boston, MA, August - October, 2009. The show was curated by Fabio Fernandez. The Boston Globe review of the exhibit, by Cate McQuaid, featured a photo of Morgan’s piece “Tuna Can.”

Marta Robertson, Associate Professor of Musicology in the Sunderman Conservatory of Music and Coordinator of Interdisciplinary Studies, performed Okinawan dance with Master Kazuko Chibana Volkmar and her students of the Aharen Honryu Keisenkai Okinawan Dance School (Columbus, OH) for Asian Culture Night at Wright State University in Dayton, OH, April 11, 2009.

Brett M. Rogers, Assistant Professor of Classics and Women, Gender, and Sexuality Studies, performed the role of “Jupiter” in a joint production of “Vulcan and Jupiter” and Thersites at the American Philological Association/Archaeological Institute of America Annual Meetings in Philadelphia, January 9, 2009. The dialogue “Vulcan and Jupiter” was adapted from the second-century CE satirist Lucian by Thomas Heywood in 1637. Thersites (1537) is attributed to Nicholas Udall, the “father of English comedy.” The plays were directed by C. W. Marshall.

Susan Russell, Associate Professor of Theatre Arts, directed the musical, Helen and Teacher (book and lyrics by Russell, music by Lynn Gumert) as part of the Gettysburg Festival Fringe Festival in the Kline Theatre, Gettysburg College, June 2009. The benefit performances raised $2600 for the American Foundation for the Blind. Helen and Teacher is a contemporary re-working of the story of Helen Keller and Anne Sullivan as musical theatre. Kathleen Sasnett, Assistant Professor of Voice and Opera in the Sunderman Conservatory of Music, performed the role of Kate Keller.

Kathleen Sasnett, Assistant Professor of Voice and Opera in the Sunderman Conservatory of Music, performed as the soprano soloist Gabriel in a premiere of Joseph Haydn’s Die Schöpfung (The Creation) in the Varna Festival and Congress Centre in Varna, Bulgaria, on May 31, 2009, the 200th anniversary of Haydn’s death. Ben Sasnett was the tenor soloist, Uriel. Conservatory voice students Katie Stickney ’09, Sharon Denney ’09, Camila Henderson ’11, Sara Smigen ’12, Laura Bembridge ’12, and Sarah Harmonay ’11 sang in the chorus with orchestral accompaniment and participated in a voice master class.
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