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PUBLICATIONS

Yasemin Akbaba, Associate Professor of Political Science, with co-authors Ozgur Ozdamar and Yasemin Akbaba, published “Religious Discrimination and International Crises: International Effects of Domestic Inequality” in *Foreign Policy Analysis* 10.4 (2014): 413-430. This paper explores religious discrimination against ethnic groups and foreign policy crisis linkages as part of the broader foreign policy approaches developed by McGowan and Shapiro (1973) and James and Ozdamar (2008; 2005).

Akbaba, with co-author Jonathan Fox, published “Securitization of Islam and Religious Discrimination: Religious Minorities in Western Democracies, 1990 to 2008” in *Comparative European Politics* 13 (2015): 175-197. This study explores variation in treatment of religious minorities in the West using “securitization” theory.

Matthew Amster, Professor of Anthropology, published “It’s Not Easy Being Apolitical: Reconstruction and Eclecticism in Danish Asatro” in *Contemporary Pagan and Native Faith Movements in Europe: Colonialist and Nationalistic Impulses*, edited by Kathryn Rountree (New York: Berghahn, 2015). This article looks at contemporary Norse neo-paganism (Asatro) in Denmark, and how this movement has engaged with concerns about the political implications of their religion. In contrast to other parts of Europe—where reconstructionist forms of paganism are sometimes associated with nationalistic movements—in Denmark there is widespread concern among contemporary pagans with avoiding a conflation of religion and politics, leading to some tense group dynamics, as well as to the ritual innovations that are the main focus of this article.

Kathy Berenson, Assistant Professor of Psychology, with co-authors Avigal Snir, Eshkol Rafaeli, Reuma Gadassi, and Geraldine Downey, published “Explicit and Inferred Motives for Nonsuicidal Self-Injurious Acts and Urges in Borderline and Avoidant Personality Disorders” in *Personality Disorders: Theory, Research, and Treatment* 6.3 (2015): 267-277. This study used experience sampling methods which inquired directly about the motives for nonsuicidal self-injury (NSSI), but which also enabled a temporal examination of the affective and interpersonal antecedents/consequences of NSSI from which we could infer motives that may not have been explicitly endorsed.

Temma Berg, Professor of English, published “Thomas Rowlandson’s *Vauxhall Gardens*: The Lives of a Print” in *Eighteenth-Century Life* 39.3 (September 2015): 1-32. This article traces a reception history of Thomas Rowlandson’s *Vauxhall Gardens*, from the impressions of Henry Angelo, an old school friend of the artist’s, to the present. It concludes with a close examination of an overlooked version at the Yale Center for British Art, arguing that the surprising figure at the center of this (perhaps trial) version is Rowlandson himself, and that its absence in other versions suggests its importance.

Emily Besecker (Swartz), Visiting Assistant Professor of Health Sciences, with co-author Gregory M. Holmes, published “Gastric Vagal Motoneuron Function is Maintained Following Experimental Spinal Cord Injury” in *Neurogastroenterology and Motility* 26.12 (2014): 1717-1729. Following a high thoracic-level spinal cord injury, there is significant autonomic dysfunction of the gastrointestinal tract. This work proved that the gastric vagal efferent limb of the vago-vagal circuit remains intact in the animal model of spinal cord injury.

Michael Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts, published “Governing New Jersey: Reflections on the Publication of a Revised and Expanded Edition of *The Governors of New Jersey*” in *New Jersey Studies* 1 (Summer 2015, online). This essay is based on a lecture delivered at the Eagleton Institute of Rutgers University on March 11, 2014, in conjunction with the publication of the second edition of *The Governors of New Jersey*, edited by Michael J. Birkner et al (Brunswick, N.J.: Rutgers University Press, 2014). It discusses the exercise of power by New Jersey governors over three centuries, and the factors that have affected the conduct of business by New Jersey’s chief executive since 1664.

Birkner, with staff co-editor **Devin McKinney, Archives Assistant, Musselman Library**, published *Encounters with Eisenhower* (Gettysburg, PA: Musselman Library, 2015). Based on unpublished reminiscences of individual encounters with Dwight Eisenhower from 1942 through his retirement years, this book sheds light on the character and demeanor of our 34th president. The encounters, which took place in Europe, Washington, DC, and in Gettysburg, range from high drama to low comedy. An introduction by Birkner sets the context.

Josef Brandauer, Associate Professor of Health Sciences, with co-authors Marianne A. Andersen, Holti Kellezi, Steve Risis, Christian Frøsig, Sara G. Vienberg, and Jonas T. Treebak, published “AMP-Activated Protein Kinase Controls Exercise Training- and AICAR-Induced Increases in SIRT3 and MnSOD” in *Frontiers in Physiology* 6.85 (2015, online). Mitochondria can be considered “powerplants” within cells. In this paper, we show that exercise training increases levels of the mitochondrial protein SIRT3 in muscle, causing substantial increases in mitochondrial formation.

Laurel Cohen, Associate Professor of German Studies, with co-author Laurel Cohen-Pfister, published “Social Consciousness in the Bionade-Biedermeier: An Interview with Filmmakers Marc Bauder and Dörte Franke” in *Envisioning Social Justice in Contemporary German Culture*, edited by Jill E. Twark and Axel Hildebrandt (Rochester, NY: Camden House, 2015). The study questions the “ethical turn” in postwar German documentaries to the present, with a focus on filmmakers Marc Bauder and Dörte Franke.

Amy Dailey, Associate Professor of Health Sciences, with staff co-authors **Salma Monani, Associate Professor of Environmental Studies, Kim Davidson, Director of the Center for Public Service**, and **Audrey Hess, Adjunct Instructor of Health Sciences**; student co-authors **Camille Horton ’12** and **Emily Constantian ’13**; and co-authors Betsy Wargo and Kathy Gaskin, published “Healthy Options: A Community-Based Program to Address Food Insecurity” in *Journal of Prevention and Intervention in the Community* 43.2 (April-June 2015): 83-94. We examined the impact of a community-based farmer’s market voucher and education program developed to increase access to local, healthy foods in Adams County. In addition to increased access to food, results suggested that the program fostered cross-cultural exchanges, and offered opportunities for social networking.

Dailey, with co-author Mary Ann Burg, published “Trends in Illness and Health Care Utilization” in *The Behavioral Health Specialist in Primary Care: Skills for Integrated Practice*, edited by Mary Ann Burg and Oliver Oyama (New York: Springer, 2015). This textbook focuses on knowledge and skills needed for working with the most common chronic conditions, such as diabetes, obesity, chronic pain, cardiovascular conditions, sleep disorders, geriatric conditions, cancer-related conditions, and substance abuse. Professor Dailey’s chapter discusses epidemiological trends in these conditions.

Shannon Egan, Director of Schmucker Art Gallery, with co-author Anthony Cervino, published *Ejecta* (Washington, DC: CulturalDC, 2015). This book was produced on the occasion of the exhibition of the same name at CulturalDC’s Flashpoint Gallery in Washington, DC. This book—comprised of several curatorial essays, as well as fictional and personal reflections and an in-depth interview—examines issues of parenthood, professional successes, personal tragedies, and larger art-historical contexts.

Peter Fong, Professor of Biology, with co-author Alex Ford, published “The Effects of Antidepressants Appear to Be Rapid and at Environmentally Relevant Concentrations” in *Environmental Toxicology and Chemistry* 34 (2015, online). This paper is a critical review of the current ideas of how drugs such as the antidepressant Prozac, released into aquatic ecosystems, act to modulate the behavior of aquatic animals at much higher speed and lower concentrations than were previously thought possible, compared to their action in humans.

Shelli Frey, Associate Professor of Chemistry, with student co-author **Carly Strelez '15**, and co-authors Jacob Todd, Elizabeth Wurtzler, and David Wendell, published “A Non-Foaming Proteosurfactant Engineered from Ranaspumins-2” in *Colloids and Surfaces B: Biointerfaces* 133 (2015): 239-245. This work focuses on the design, development, and analysis of a novel biosurfactant protein derived from those found in Tungara frog foam that could be used as an agricultural adjuvant.

Darren Glass, Associate Professor of Mathematics, with staff co-author **Todd Neller, Professor of Mathematics**, published “Optimal Defensive Strategies in One-Dimensional RISK” in *Mathematics Magazine* 88.3 (June 2015): 217-230. We consider a one-dimensional version of the board game RISK, and discuss the problem of how a defending player might choose to distribute his armies along a chain of territories in order to maximize the probability of survival. In particular, we analyze a Markov chain model of this situation and run computer simulations in order to make conjectures as to the optimal strategies. The latter sections of the paper analyze this strategy rigorously, using results on recurrence relations and probability theory to prove a related result.

Caroline Hartzell, Professor of Political Science, published “Relative Peace and Emerging Fault Lines: Accounting for Trends in Intrastate Conflict in Latin America” in the *Routledge Handbook of Latin American Security*, edited by David R. Mares and Arie M. Kacowicz (London: Routledge, 2015). This chapter seeks to account for the downward trend in the incidence of civil war in Latin America, as well as to identify emerging fault lines that may signal the potential for renewed intrastate conflict in the region. Additionally, it explores the implications that patterns of intrastate war in Latin America have for the way in which scholars study conflict there and in other regions of the world.

Florence Ramond Journey, Professor of French and Francophone Studies, published “Médias et inégalités genrées sur fond d'affaire DSK” in *Women in French Studies* 22 (2014): 60-71. This article deals with the media perception surrounding the rape accusation of former IMF Director Dominique Strauss-Kahn.

Journey published “Motherhood by Default in the Works of Gisèle Pineau” in *Reading/Speaking/Writing the Mother Text: Essays on Caribbean Women's Writing*, edited by Cristina Herrera and Paula Sanmartin (Bradford, Ontario: Demeter Press, 2015). This article discusses how motherhood is described in Gisèle Pineau's works, and tries to suggest why it often comes across as a problematic state.

Alvaro Kaempfer, Associate Professor of Spanish and Latin American, Caribbean, and Latino Studies, published “Soberanía, representación y ciudadanía: Fernández de Leiva, la Constitución de 1812 y el esbozo de una España transatlántica” in *Tiempos Fundacionales: Nación, Identidades y Prácticas Discursivas en las Letras Latinoamericanas*, edited by Andrea Kottow and Stefanie Massman (Santiago: Universidad Andrés Bello & RIL Editores, 2015). This chapter analyzes the parliamentary interventions made by Joaquín Fernández de Leiva in the constitutional debates leading to the liberal political constitution of 1812 in Cadiz, Spain. The essay underlines the particular view of an American representative to the Cortes in order to assure representation and political rights to the Hispanic people outside the Iberian Peninsula.

Elizabeth Lavolette, Director of the Language Resource Center, with co-authors Charlene Polio and Jimin Kahng, published “The Accuracy of Computer-Assisted Feedback and Students' Responses to It” in *Language*

Learning and Technology 19.2 (2015): 50-68. We explored the accuracy of feedback from Criterion®, a program developed by Educational Testing Service, and students' responses to it. Although we cannot support claims that immediate feedback may be more helpful than delayed feedback, we believe that, with proper training, Criterion can help students correct certain aspects of language.

Junjie Luo, Assistant Professor of Asian Studies, published “Literary Criticism as a Rational Dialogue: M.H. Abrams and His Theoretical Orientations” in *Literature* 102 (2015): 20. Abrams, who passed away in April 2015 at the age of 102, is known to Chinese readers as an influential literary critic of the Romantic Movement. This article, commissioned by *Literature*, a Chinese-language literary newspaper, introduces readers to his theoretical orientations.

Meredith Malburne-Wade, Visiting Assistant Professor of English, published *Revision as Resistance in Twentieth-Century American Literature* (New York: Palgrave Macmillan, 2015). This book examines twentieth-century American plays that revise earlier historical or literary moments as a form of political resistance.

Hugh Martin, Adjunct Assistant Professor of English, published the poems “Service” in *TriQuarterly* 147 (Winter-Spring 2015, online); and “Suspicious Bag, LSA Anaconda” in *Boston Review* (July-August 2015): 69. The latter was also posted at *Poetry Daily* (August 1, 2015, online). This work is part of Martin's second book of poetry, tentatively titled *Service*. It deals with the Iraq War.

Brian Meier, Associate Professor of Psychology, with co-authors Adam K. Fetterman, Michael D. Robinson, and Courtney M. Lappas, published “The Myth of the Angry Atheist” in *Journal of Psychology: Interdisciplinary and Applied* 149.3-4 (2015): 219-238. The prevalence and accuracy of angry-atheist perceptions were examined in seven studies with 1,677 participants. The studies revealed that people believe atheists are angry individuals, but they do not appear to be angrier than other individuals in reality.

Sahana Mukherjee, Assistant Professor of Psychology, with co-authors Phia S. Salter and Ludwin E. Molina, published “Museum Spaces as Psychological Affordances: Representations of Immigration History and National Identity” in *Frontiers in Psychology* 6.692 (2015, online). This paper draws upon a cultural psychological perspective to consider how psychological phenomena are grounded in socio-cultural contexts. Across three studies, we examine the association between representations of history at Ellis Island Immigration Museum and identity-relevant concerns, and discuss how engagement with privileged narratives may serve dominant group ends and reproduce systems of privilege.

Jack Murphy, Assistant Professor of French, published “Unsettling Stereotypes: Approaches to the French Culture and Society Course” in *The French Review* 89.1 (2015): 89-105. Based on recent debates in anthropology, this article provides a model for reframing the concept of culture in the French civilization course to help foster more critical engagement with the notion of national identity.

Todd Neller, Professor of Computer Science, published “Pedagogical Possibilities for the 2048 Puzzle Game” in *The Journal of Computing Sciences in Colleges* 30.3 (January 2015): 38-46. Awarded Best Paper at CCSC (Consortium for Computing Sciences in Colleges)-Eastern 2014, this paper describes the puzzle game 2048 and outlines a variety of exercises that can leverage the game's popularity to engage student interest, reinforce core CS concepts, and excite student curiosity towards undergraduate research.

Heather Odle-Dusseau, Associate Professor of Management, with co-authors Anna C. McFadden and Thomas W. Britt, published “Gender, Poverty, and the Work-Family Interface” in *Gender and the Work-Family Experience: An Intersection of Two Domains*, edited by Maura J. Mills (Cham, Switzerland: Springer International, 2014). Much of our understanding of gender and the work-family interface has been through the

lens of middle- and upper-class, as well as professional-level, employees' experiences. As such, the work-family experiences of low-income individuals and those living at or below the poverty line are less understood. This chapter examines how gender and the work-family interface interact for individuals who are working in low-wage jobs, and are often found to be living at or below the poverty line.

Jennifer Powell, Assistant Professor of Biology, with student co-authors **Elizabeth Miller '13, Leah Grandi '14, Jennifer Giannini '18, and Joseph Robinson '15**, published "The Conserved G-Protein Coupled Receptor FSHR-1 Regulates Protective Host Responses to Infection and Oxidative Stress" in *PLoS ONE* 10.9 (September 11, 2015): e0137403. This paper describes a protein that is important not only for the innate immune response to infection, but also for the survival of some types of cellular stress. We propose that this protein may detect the presence of an infection by sensing stress that results from that infection, and that it may activate several different defense responses that enhance survival.

James Puckett, Assistant Professor of Physics, with co-authors Rui Ni and Nicholas T. Ouellette, published "Time-Frequency Analysis Reveals Pairwise Interactions in Insect Swarms" in *Physical Review Letters* 114.25-26 (2015): 258103. The macroscopic emergent behavior of social animal groups is a classic example of dynamical self-organization, and is thought to arise from the local interactions between individuals. By performing a time-frequency analysis of the midge trajectories, we show that the midge behavior can be segmented into two distinct modes: one that is independent and composed of low-frequency maneuvers, and one that consists of higher-frequency nearly harmonic oscillations conducted in synchrony with another midge.

Puckett, with co-authors Rui Ni, Eric R. Dufresne, and Nicholas T. Ouellette, published "Intrinsic Fluctuations and Driven Response of Insect Swarms" in *Physical Review Letters* 115.11 (2015): 118104. We study a disorganized aggregation (an insect mating swarm), and compare its natural fluctuations with the group-level response to an external stimulus. We quantify the swarm's frequency-dependent linear response and its spectrum of intrinsic fluctuations, and show that the ratio of these two quantities has a simple scaling with frequency.

Michael Ritterson, Professor Emeritus of German Studies, published "Cold Case" in *F&M Alumni Arts Review* 4 (Spring 2015): 28-29. This poem recalls newspaper accounts of a homicide in the Philadelphia suburbs for which neither the killer nor his (?) motive will likely ever be known.

Chloe Ruff, Assistant Professor of Education, with co-authors Brett D. Jones and Jason W. Osborne, published "Fostering Students' Identification with Mathematics and Science" in *Interest in Mathematics and Science Learning*, edited by K. Ann Renninger, Martina Nieswandt, and Suzanne Hidi (Washington, DC: American Educational Research Association, 2015). In this chapter, we explore the process by which students transition from short-term situational interest in math or science to a more enduring personal interest in which they integrate their performance in math or science into their self-definition. A model of student domain identification is presented, along with theoretical and practical implications.

Kimberly Spayd, Assistant Professor of Mathematics, with co-authors Michael Shearer and Ellen R. Swanson, published "Traveling Waves for Conservation Laws with Cubic Nonlinearity and BBM Type Dispersion" in *Journal of Differential Equations* 259.7 (2015): 3216-3232. Scalar conservation laws with non-convex fluxes have shock-wave solutions which violate the Lax entropy condition. In this paper, such solutions are selected by showing that some of them have corresponding traveling waves for the equation supplemented with dissipative and dispersive higher-order terms.

Sharon Stephenson, Professor of Physics, with co-authors M. D. Jones, Z. Kohley, T. Baumann, G. Christian, P. A. DeYoung, J. E. Finck, N. Frank, R. A. Haring-Kaye, A. N. Kuchera, B. Luther, S. Mosby, J. K. Smith, J. Snyder, A. Spyrou, and M. Thoennesen, published "Further Insights into the Reaction $\text{Be}^{14}(\text{CH}_2, \text{X})\text{He}^{10}$ " in

Physical Review C 91 (2015): 044312 (1-6). We used a ^{14}Be beam on a deuterated polyethylene target to search for ^{12}He and study the structure of the ^{10}He ground state. In this paper, we investigate possible evidence for direct cluster removal (of an alpha particle) and search for a resonance in ^{12}He .

Brent Talbot, Assistant Professor and Coordinator of Music Education, Sunderman Conservatory of Music, with co-author Roger Mantie, published “How Can We Change Our Habits If We Don’t Talk About Them?” in *Action, Criticism, and Theory for Music Education* 14.1 (2015): 128-153. In this article, Mantie and Talbot discuss their experience of attempting to engage critique and reflection on habitual practices in music teacher education, offering the reader an article within an article. That is, they reflect on their failure to publish a critical article in a widely read practitioner journal by sharing the original manuscript and its reviews, with the hope that their experience might shed additional light on social reproduction and efforts aimed at change.

Talbot, with co-author Roger Mantie, published “Vision and the Legitimate Order: Theorizing Today to Imagine Tomorrow” in *Envisioning Music Teacher Education*, edited by Susan Wharton Conkling (Lanham, MD: Rowman & Littlefield, 2015). Our chapter focuses on two distinct but related issues: (1) the structural forces that help to determine who gets to be a music teacher and who does not, and (2) the ways in which institutional professionalization and bureaucratization may be working to disenfranchise certain groups of people. The problem we perceive is the ability of music teacher educators to respond to social change as part of a commitment to social equity within the constraints of what Max Weber called *vorstellung*, the belief in a “legitimate order.”

Talbot published “Outside Ourselves: Becoming Better Teachers through Ethnographic Fieldwork” in *PMEA News* (Summer 2015): 48-49. In this short practitioner article, I briefly describe ethnographic fieldwork and provide one example of how I have used it within the Gettysburg College music education curriculum to step outside our normal roles in order to acknowledge others’ perspectives and experiences with the goal of contributing to creative change within our future music classrooms.

Talbot published “Charleston, Goddam: An Editorial Introduction to ACT 14.2” in *Action, Criticism and Theory for Music Education* 14.2 (August 2015): 1-24. In this editorial, I trace the events following the tragic and racist shootings that occurred at the A.M.E. church in Charleston, South Carolina, on June 17, 2015. Drawing upon anti-racist scholars as well as musical activists like Nina Simone and Bree Newsome, I make a case for cultivating activism in our music classrooms. I suggest that one possibility for engaging in dialogue around issues of race is to encourage an environment of musical creativity where, together with students, teachers study and write music that speaks to our times and addresses issues of social justice within our local communities and across the globe.

Lucas Thompson, Assistant Professor of Chemistry, with student co-authors **Aidan C. Caravana ’14** and **Kevin T. Lerner ’17**, and co-authors Alaaldin M. Alkilany and Majd A. Hamaly, published “Phase Transfer of Citrate Stabilized Gold Nanoparticles Using Nonspecifically Adsorbed Polymers” in *Journal of Colloid and Interface Science* (September 10, 2015, online). This work demonstrates a new route to transferring gold nanoparticles into nonaqueous solutions. Transferring gold nanoparticles into organic solvents without a strong binding ligand should open new avenues for chemical modifications of the surface.

James Udden, Associate Professor of Cinema & Media Studies, published entries on “Recent Taiwanese Cinema,” “Seediq Bale,” and “The Fourth Portrait” in *Directory of World Cinema: China 2*, edited by Gary Bettinson (Chicago: University of Chicago Press, 2015). This is the second volume about Chinese cinema where my entries concentrated on only the most recent developments in Taiwanese cinema.

Udden published “The Other *Film International*: Iran’s Journalistic Window in World Film Culture” in *Film International* 12.3 (September 2014): 96-105. This article was printed in a journal called *Film International*, yet it was about another English-language journal of the same name that has been coming out of Iran since 1993.

Udden published *Wu Ren Shi Gu Dao: Hou Xiaoxian De Dian Ying Shi Jie*, translated by Huang Wenjie (Shanghai: Fu Dan University Press, 2014). This is a translation into simplified Chinese of Udden’s 2009 book on Taiwanese director Hou Hsiao-hsien, *No Man Is an Island: The Cinema of Hou Hsiao-hsien*. (A translation into traditional Chinese is planned once a revised edition of the English original comes out next year.)

David Walsh, Assistant Professor of Religious Studies, published “The Nature of Food: Indigenous Dene Foodways and Ontologies in the Era of Climate Change” in *Scripta Instituti Donneriani Aboensis* 26 (2015): 225-249. This peer-reviewed special edition on “Religion and Food” is derived from a conference held at the University of Åbo, Åbo/Turku, Finland, June 25-27, 2014. My article discusses ethnographic research I conducted in subarctic Canada on Native American environmental relationships through the lens of food and spirituality.

Kerry Walters, Professor of Philosophy, published *Junipero Serra: A Short Biography* (Cincinnati, OH: Franciscan Media, 2015). From the back cover: “Founder of missions, preacher of the faith, and center of controversy, Franciscan Junipero Serra was a man of complexity and contradictions. Kerry Walters offers a brief portrait of this fascinating man—our newest saint—and the times he lived in. He explores the multifaceted history of Christian missionary work in the Americas and the way our history has its roots deep in the virtue and vice of this movement.”

John R. Winkelmann, Emeritus Professor of Biology, with co-authors Rick A. Adams and Frank J. Bonaccorso, published “Revised Distribution for *Otomops martiensseni* (Chiroptera: Molossidae) in Southern Africa” in *Global Ecology and Conservation* 3 (2015): 707-714. In this paper, we report additions to the known distribution of the giant mastiff bat in southern Africa. Analysis of 13,449 call sequences recorded during bioacoustic surveys in South Africa and Botswana yielded 91 records of this poorly documented species.

REVIEWS

Darren Glass, Associate Professor of Mathematics, published a review of *How to Bake π : An Edible Exploration of the Mathematics of Mathematics* by Eugenia Cheng (New York: Basic Books, 2015) in *MAA Focus* 35.3 (June-July 2015): 28-29. Cheng’s book draws an extended analogy between category theory, one of the most abstract parts of mathematics, and baking. I look at this analogy and consider other analogies that have been used to describe math.

PROFESSIONAL PAPERS OR PRESENTATIONS

Yasemin Akbaba, Associate Professor of Political Science, delivered a paper titled “The Quest for Regional Leadership Role in the Middle East: Egypt, Iran, Saudi Arabia and Turkey,” co-authored with Ozgur Ozdamar, at the Annual Convention of the International Studies Association (ISA), New Orleans, LA, February 21, 2015. This paper is part of a larger project that aims to apply role theory as an approach to Foreign Policy Analysis (FPA) of Turkey, Iran, Saudi Arabia, and Egypt before and after the Arab Spring.

Rimvydas Baltaduonis, Associate Professor of Economics, presented a paper titled “An Experimental Study of *Citizens United* Effects on Campaign Finance and Election Markets,” written with staff co-author **John**

Cadigan, Associate Professor of Economics, and student co-author **Shannon Brobst '15**, at the 4th Annual Lithuanian Conference on Economic Research, Vytautas Magnus University, Kaunas, Lithuania, August 18, 2015. The paper reports the findings from a laboratory economics experiment that analyzes potential behavioral effects on campaign contributions and voting behavior resulting from the U.S. Supreme Court's landmark ruling in the case of *Citizens United v. Federal Election Commission*.

Clinton Baugess, Reference & Instruction Librarian, Musselman Library, delivered a presentation titled "Facilitating Peer Learning in the Library: Crafting the Perfect Batch of Undergraduate Peer Research Mentors," written with staff co-author **Mallory Jallas, Reference & Instruction Librarian, Musselman Library**, at the Annual LOEX Conference, Denver, CO, April 30-May 2, 2015. The presentation discussed Musselman Library's Peer Research Mentor (PRM) program, which is designed to facilitate peer learning and expand the library's formal instruction program beyond the traditional reach of the library and librarians. The program's goals and design were outlined, along with recruitment, training, examples of student outreach activities, and program assessment methods.

Josef Brandauer, Associate Professor of Health Sciences, presented an abstract titled "Tissue-Specific Abundance of NAMPT, CLOCK, and BMAL1 Proteins in Murine Tissues," written with student co-author **Alex C. Lupolt '15**, at the Experimental Biology Conference, Boston, MA, April 1, 2015. Most organisms possess a common molecular machinery that drives a roughly 24-hour cellular rhythmicity. This project investigated some of the major regulators of these "circadian" rhythms in skeletal muscle.

John Commito, Professor of Environmental Studies, conducted an invited research seminar titled "Ecology of an Ecosystem Engineer: The Mussel *Mytilus edulis* in Maine, USA" at the Marine Biology and Ecology Unit of the Department of Biology, University of Pisa, Tuscany, Italy, June 12, 2015. The talk focused on laboratory research begun in Maine with Environmental Studies alumnae **Sara Coleman '10, Danielle Haulsee '10, and Natasha Gownaris '08**, and completed in Italy. The work explores the so-called "ecology of fear"—how the defensive aggregation response of mussels is regulated by chemical threat cues from predators and injured mussels—and led to the development of a model predicting the behavioral response of mussels to mortality risks. Professor Commito was at the University of Pisa for his spring sabbatical.

Shannon Egan, Director of Schmucker Art Gallery, delivered a presentation titled "Uncommon Commemorations: Contemporary Art, Historical Place and the Civil War" at the Annual Conference of the Association of Academic Museums and Galleries, Atlanta, GA, April 24, 2015. This paper reflected on exhibitions mounted in Schmucker Art Gallery during the 150th anniversary of the American Civil War. The exhibitions addressed issues relating to war, specifically memory and memorializing of war, present and recent conflicts, past historical issues, and various racial, political and social implications imbedded in the effects and impetus of war.

Egan delivered an invited lecture titled "'A True Indian': The Art, Artifice, and Politics of Edward S. Curtis's North American Indian" at Lebanon Valley College, Annville, PA, September 10, 2015. Delivered in conjunction with the exhibition "Mingled Visions: Images from *The North American Indian* Collection" by Edward S. Curtis," held at the Suzanne H. Arnold Art Gallery, this paper examined three divergent moments over the three decades of Curtis's career to provide a broader understanding of how carefully manipulated depictions of Native Americans nonetheless pictured a "real" cultural truth.

Kay Etheridge, Professor of Biology, presented an invited lecture titled "Maria Sibylla Merian: Envisioning the Natural World" at the conference "Art and Science in the Early Modern Low Countries (ca. 1550-1730)," organized by the Rijksmuseum and Huygens Institute, Amsterdam, the Netherlands, September 17-18, 2015. The lecture described how artist/naturalist Merian used both art and text to convey scientific knowledge in her

1705 book *Metamorphosis*, relying on both direct observation and indigenous sources for her work in the tropical forests of Dutch Surinam.

Nathalie Goubet, Professor of Psychology, with student co-authors **Shelby Leeds '14** and **Kira Mason '16**, presented a poster titled “Odor Presence Negatively Affects Facial Expression Recognition in 5 and 9 Year Old Children” at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA, March 20, 2015. The poster presented work on the interactions between olfaction and emotion in elementary school children.

Goubet, with staff co-author **Daniel McCall, Professor of Psychology**, and student co-author **Elizabeth Andresen '14**, presented a poster titled “How Round Does That Smell? Odor-Shape Cross-Modal Associations in Elementary School Children” at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA, March 20, 2015. Adults make associations between specific odors and shapes (e.g., vanilla is round; ginger is sharp), but five- and nine-year-olds make fewer of these associations, probably because of their more limited knowledge of odors.

Goubet, with staff co-author **McCall**, student co-authors **Kira Mason '16** and **Alexandra Kowker '16**, and co-authors Karine Durand and Benoist Schaal, presented a poster titled “Odor-Color Cross-Modal Associations in American Adults” at the 27th Annual Convention of the Association for Psychological Science, New York, NY, May 24, 2015. This presentation is a continuation of our previous work on the associations between odors and colors. Results showed that American college students associate odors with specific colors even when the odors are unfamiliar.

Joseph Grzybowski, Professor of Chemistry, gave an invited lecture titled “Reactions of Boronic Acids with Tetrafluoroborate,” written with student co-authors **Paul Smith '10**, **Jenna Korsan '11**, and **Dominic Aleo '15**, at the 250th National Meeting of the American Chemical Society, Boston, MA, August 19, 2015. This presentation, part of a symposium to honor the career of Daryle H. Busch, dealt with a new reaction between boronic acids of sufficient acidity and the tetrafluoroborate anion.

Florence Ramond Journey, Professor of French and Francophone Studies, presented a paper titled “Dany Laferrière: Un immortel ancré dans la mortalité” at the 130th Modern Language Association Annual Conference, Vancouver, BC, Canada, January 8, 2015. This paper discusses the theme of mortality and how it is treated by Canadian-Haitian author Dany Laferrière, especially in the context of Laferrière’s recent induction into the Académie Française.

Journey presented a paper titled “Les Errances de Ricochet” at the Sixth International Graphic Novel and Comics Conference/Ninth International Bande Dessinée Society Conference, University of London Institute, Paris, France, June 22-27, 2015. This paper examines how characters move between Paris and provincial France and what questions this raises about the use of location in detective novels.

Alvaro Kaempfer, Associate Professor of Spanish and Latin American, Caribbean, and Latino Studies, presented a paper titled “Pedagogías del despojo y aprendizajes del desastre” at the XXXIII International Congress of the Latin American Studies Association, San Juan, Puerto Rico, May 27-30, 2015. The presentation explored the findings of linguist and ethnographer Rudolph Lenz in the last decades of the XIX Century on indigenous narratives of earthquakes in Chile and Argentina. Lenz, one of the founding fathers of phonetics, developed an intense research project motivated by the impact of Mapudungun over Spanish in areas of violent colonial encounter in Chile and Argentina. I was particularly attentive to the character of “primary documents” when it came to reading compilations produced by religious orders in XVI Century Latin America, whose transcriptions of oral narratives shaped to an unknown extent the stories of creation and catastrophes in the southernmost areas of the Americas.

Kaempfer delivered an invited lecture titled “Imaginary for a Mapuche Nation” at the Universidad de Santiago, Santiago, Chile, July 28, 2015. His lecture, invited by the Advance Studies Institute, explored the mutual understanding of the other society involved in the early political agreements between the Spanish Empire and the Mapuche in Southern Latin America (today, Chile and Argentina). As a unique phenomenon in terms of political agreements between an invader power and a colonized society, the initial agreements between Spain and the Mapuche around 1641 were seen as a way to stop any possible English, Dutch, or French invasion of the region. By the same token, these early political writings characterize the other society involved in the negotiation according to diplomatic cultural patterns of the time.

Kaempfer presented a paper titled “Revolution, Order, and State of Exception for the Egalitarian Society after the 1851 Insurrection in Chile” at the LASA (Latin American Studies Association) Southern Cone Studies Congress, Santiago, Chile, August 7, 2015. Professor Kaempfer contributed to a panel on colonialism in Chile and Argentina. The main concern for all involved after the 1851 liberal insurrection was to organize a political movement that was able to push forward a progressive agenda. Santiago Arcos’s proposal, my main concern in this paper, aimed for a political organization that was motivated by revolution and able to consolidate integrated citizenship for all in the country, but led by an alliance of popular classes, youth, and immigrants.

Elizabeth Lavolette, Director and Lecturer, Language Resource Center, presented a paper titled “Training Writing Tutors to Help ESL Students” at the meeting of the Northeast Association for Language Learning Technology, Pittsburgh, PA, April 25, 2015. This presentation focused on the work that I have been doing to train Gettysburg College Writing Center tutors to work with student writers whose first language is not English.

Lavolette, with Marc Siskin and Michael Jones, led an invited panel titled “Small and Medium Language Resource Centers” at the meeting of the Northeast Association for Language Learning Technology, Pittsburgh, PA, April 26, 2015. In this invited panel, I discussed the challenges I have encountered during my first year at Gettysburg College, bringing the perspective of the director of a language center at a small liberal arts college.

Lavolette facilitated a full-day workshop titled “Technology Resources for Teaching Japanese: Assessment, Self-Study, and Authentic Materials” at the Japanese Language Teacher Workshop of the Japanese Teachers Association of Michigan, East Lansing, MI, May 16, 2015. The workshop focused on the classroom use of authentic materials and materials for assessment, self-study, and test preparation.

Lavolette, with co-author Angelika Kraemer, delivered a presentation titled “Characteristics of Successful Online Learners” at the Computer Assisted Language Instruction Consortium Conference, Boulder, CO, May 28, 2015. My coauthor and I presented the results of our related studies on the characteristics that students need to succeed in online courses.

Lavolette delivered a presentation titled “Developing a Reusable Online Asynchronous Pedagogical English Grammar Course” at the Computer Assisted Language Instruction Consortium Conference, Boulder, CO, May 29, 2015. This presentation focused on the process of developing a fully online course, and the reasons for the decisions that I made along the way.

Lavolette delivered a presentation, co-authored with E. Simon, Angelika Kraemer, Felix Kronenberg, and Audrey Sartiaux, on the “Language Center Evaluation Toolkit” at the meeting of the International Association for Language Learning Technology, Harvard University, Cambridge, MA, August 11, 2015. The Language Center Evaluation Toolkit provides institutions of higher education with a customizable set of tools to assist with the internal evaluation of their language centers.

Lavolette, with Felix Kronenberg and E. Simon, led a workshop on the “Language Center Evaluation Toolkit” at the Foreign Language Education and Technology Conference, Harvard University, Cambridge, MA, August 11, 2015. In this workshop, my coauthors and I provided training in using the Language Center Evaluation Toolkit that we developed.

Lavolette presented a paper titled “Results of the 2015 IALLT Language Center/Lab Director Survey,” co-authored with Felix Kronenberg, at the Foreign Language Education and Technology Conference, Harvard University, Cambridge, MA, August 12, 2015. My coauthor and I developed a survey of language center directors, and in this presentation discussed some of the data that is most of interest to directors, such as average budgets and space usage.

Lavolette, with Sangeetha Gopalakrishnan, Harold Hendricks, Stacey Powell, and Daniel Soneson, led an invited panel titled “Securing a Leadership Position within IALLT’s Board and Council: What Can You Do for IALLT? What is In It for You?” at the Foreign Language Education and Technology Conference, Harvard University, Cambridge, MA, August 14, 2015. In this panel presentation, I discussed how new IALLT members in particular can contribute to the organization, while also benefitting professionally themselves.

Daniel McCall, Associate Professor of Psychology, with student co-authors **Selah Kwak ’16** and **Joshua Rubinstein ’16**, presented a poster titled “Coco-Mint and Ginger-Nilla: Cross-Modal Associations in the Perception of ‘Sharp’ and ‘Round’ Odor Mixtures” at the 27th Annual Convention of the Association for Psychological Science, New York, NY, May 24, 2015. This poster described research examining adults’ perception of contrasting odor combinations.

McCall presented a colloquium titled “Too Many Points on the Chicken: Cross-Modal Associations in the Perception of Odor, Taste, and Flavor” at Dickinson College, Carlisle, PA, February 4, 2015. The presentation reported on research exploring how odors and tastes evoke robust associations with emotions, colors, and visual forms.

McCall, with student co-author **Brianna Hare ’14**, presented a poster titled “Taste Perception and Motivation to Consume in Restrained Eaters” at the 27th Annual Convention of the Association for Psychological Science, New York, NY, May 23, 2015. This research demonstrated that highly restrained eaters (e.g., frequent dieters) rated samples of chocolate as being less sweet than those low in restraint. In addition, restrained eaters’ motivation to consume chocolate was more easily influenced by positive health information about the food.

McKinley E. Melton, Assistant Professor of English, delivered an invited lecture titled “Facing the Fire This Time: James A. Baldwin and a Prophecy Fulfilled” at Hampshire College, Amherst, MA, September 4, 2015. Professor Melton was invited by the Office of Multicultural Education and Inclusion, as part of Hampshire’s Orientation Program, to speak on the 2015 Common Reading selection, James Baldwin’s *The Fire Next Time*. The lecture considered the contemporary resonance of Baldwin’s work, and the ongoing significance of his ideas in the midst of the current social, cultural, and political climate.

Sahana Mukherjee, Assistant Professor of Psychology, presented a paper, co-authored with P.S. Salter and L.E. Molina, titled “The Bi-Directional Relationship Between Historical Representations and National Identity: A Cultural Psychological Analysis” at the Regional Conference of the International Association for Cross-Cultural Psychology, San Cristobal, Mexico, July 28-31, 2015. The paper examines how in one direction, conceptions of American identity influence preferential selection and engagement with historical narratives, and in the other direction, exposure to particular historical representations impact identity and identity-relevant action (e.g., perception of injustice, support of immigration-relevant policy).

Todd Neller, Professor of Computer Science, presented a paper titled “Pedagogical Possibilities for the 2048 Puzzle Game” at CCSCE-14: The 30th Annual CCSC (Consortium for Computing Sciences in Colleges) Eastern Conference, York College of Pennsylvania, York, PA, November 14, 2014. This paper outlined a variety of exercises that can leverage the popularity of the game 2048 to engage student interest, reinforce core CS concepts, and excite student curiosity towards undergraduate research.

Neller presented a paper titled “First Player’s Cannot-Lose Strategies for Cylinder-Infinite-Connect-Four with Widths 2 and 6,” co-authored with Yoshiaki Yamaguchi, at the 14th Advances in Computer Games Conference (ACG 2015), Leiden, Netherlands, July 3, 2015. This paper presents Connect 4 strategies by which players may prevent opponent victories for specific widths of infinite cylindrical boards. The paper will be published in the conference proceedings in the coming year.

Neller presented a talk on “The Parameterized Poker Squares EAAI NSG Challenge” at EAAI-14: The 5th Symposium on Educational Advances in Artificial Intelligence, Quebec City, Quebec, July 28, 2014. This talk (also presented at Gettysburg College, January 29, 2015) introduced an instance of and a new vision for an annual cycle of international undergraduate student-faculty research competitions: students and their faculty mentors are given a carefully crafted research problem suitable for undergraduates, and competitors submit results for professional peer review and potential conference presentation.

Eric Noreen, Associate Professor of Health Sciences, with staff co-author **Josef Brandauer, Associate Professor of Health Sciences**, and student co-authors **Dina Abduraham ’13** and **Amanda Jackiewicz ’13**, presented a poster titled “The Effects of an Acute Dose of Rhaponticum Carthamoides on Exercise Performance and Cognitive Function” at the Annual Meeting of the American College of Sports Medicine, San Diego, CA, May 31, 2015. Rhaponticum Carthamoides is an herb with a long history of traditional use to improve physical performance. However, there is very little published data evaluating its efficacy. We found that an acute dose of Rhaponticum Carthamoides had no effect on exercise performance, cognitive function, or lactate and cortisol response to exercise.

Wendy Piniak, Assistant Professor of Environmental Studies, presented an invited paper titled “Behavioral Responses of Sea Turtles to Marine Anthropogenic Sound: Current Knowledge, Data Gaps, and Future Research Directions” at the OceanNoise Conference, Technical University of Catalonia, Barcelona, Spain, May 11-15, 2015. The presentation evaluated the potential behavioral impacts of anthropogenic sound on sea turtles, identified data gaps, and proposed recommendations for future research needed in order to assess and mitigate potential impacts.

Stephanie Sellers, Adjunct Assistant Professor of English and Women, Gender, and Sexuality Studies, was invited to speak at the Revisioning Feminism Symposium, held at the Elizabeth A. Sackler Center for Feminist Art, Brooklyn Museum, New York, NY, May 17, 2015. She discussed Native American women’s intellectual history, particularly their use of Eurosettler modes of transmission, and how these works are used as counter-measures to colonization. The Symposium was part of a larger endeavor, begun by scholars at the New School for Social Research in New York, called Project Continua, a multimedia resource dedicated to the creation and preservation of women’s intellectual history from the earliest surviving histories into the twenty-first century.

Sharon Stephenson, Professor of Physics, presented an invited talk titled “The 17% and the Climate for Women in US Physics Programs” at Drexel University, Philadelphia, PA, April 9, 2015. The talk centered on why and when women are choosing to pursue or leave physics.

Stephenson gave an invited talk titled “Making Beautiful Physics with the Help of MoNA-LISA” at Ithaca College, Ithaca, NY, April 28, 2015. The MoNA (Modular Neutron Array) Collaboration recently celebrated

ten years of nuclear structure physics, work that has included 150 undergraduate students nationwide. This overview talk highlighted a few of our most exciting findings. Professor Stephenson also participated in a “women in STEM” panel during her visit.

James Udden, Associate Professor of Cinema & Media Studies, delivered an invited paper titled “The Long Take as a Blank Canvas: Hou Hsiao-hsien vs. Alfonso Cauron” at the conference “Just Noticeable Differences: The Cinema of Hou Hsiao-hsien,” Antwerp, Belgium, May 26, 2015. This talk discussed a trait of Hou that is often discussed: the long take. Yet in comparing him with Alfonso Cauron, a Hollywood director from Mexico, the argument is that too much is made of the long take per se, too little of everything else that happens within the long take.

Udden was invited to conduct a roundtable discussion with famed Taiwanese director Hou Hsiao-hsien and his screenwriter, Chu Tian-wen, at the conference “Just Noticeable Differences: The Cinema of Hou Hsiao-hsien,” Antwerp, Belgium, May 26, 2015. This was Hou’s first stop in Europe after winning the Best Director prize at Cannes two days before.

Udden delivered an invited paper titled “Taiwan’s Meteoric Rise as a Film Festival Powerhouse: A Revised Institutional History” at the conference “New Angles on Chinese Film History,” University of Minnesota-Twin Cities, Minneapolis, MN, August 14, 2015. The paper explores the institutions behind Taiwan’s sudden rise as a film festival powerhouse starting in the 1980s. It argues that the government was not the driving force behind this, despite Taiwan’s obvious needs for cultural diplomacy by any means possible.

Kerry Wallach, Assistant Professor of German Studies, delivered an invited lecture titled “Jewish Passing and Gendered Visibility in Weimar Germany” at Stanford University, Palo Alto, CA, April 14, 2015. The lecture, part of Stanford’s German Studies Lecture series, was taken from Professor Wallach’s book manuscript on Jewish (in)visibility and dual legibility in the 1920s and early 1930s.

Wallach presented a paper titled “Buy Me a Mink: Jews, Fur, and Conspicuous Consumption” at the conference “Jewish Consumer Cultures in 19th and 20th-Century Europe and America,” German Historical Institute, Washington, DC, May 7-9, 2015. This paper explores how Jewishness became intertwined with literary, cinematic, and other cultural narratives about the conspicuous consumption and display of fur objects.

PROFESSIONAL DISTINCTIONS AND AWARDS

Kay Etheridge, Professor of Biology, with staff members **Valerie Stone, Program Coordinator**, and **Lesia Bird, Mobile Educator**, was awarded a grant for Advancing Science, the college’s K-12 science education program. The National Oceanic and Atmospheric Administration (NOAA) grant of \$437,698, which begins August 1, 2015, will fund “Exploring the Chesapeake Bay Watershed in Pennsylvania” and support environmental education in area schools, with an initial focus on grades 5-8.

Tina Gebhart, Assistant Professor of Art and Art History, was a finalist for the Zanesville Prize for Contemporary Ceramics, juried by Sherman Hall, Brad Schweiger, and Angelica Pozo, Zanesville, OH, September 27-October 12, 2014. ZOCA (Zanesville Ohio Ceramic Arts), the Artist Colony of Zanesville, and the Muskingum County Community Foundation (MCCF) are partnering with the Potters Council, to present the Zanesville Prize for Contemporary Ceramics, the largest best of show prize in ceramics in the Western Hemisphere. Professor Gebhart’s *Sipping Caucus*, a set of not-standardly-matching mugs, establishes territory for the conceptual approach to utilitarian pots. Mugs for many days. Similar but not the same. Built of a standard set of features, recombined like DNA, in a production-hybrid, found-object approach that remains very decidedly in one-of-a-kind land. Sipping sips, across from one another, at morning time, at meeting time, the

times where ideas are shared gently, where bipartisan collaboration can happen, and chatting is the right kind of seriously un-serious business.

Elizabeth Lavolette, Director and Lecturer, Language Resource Center, was awarded the International Association for Language Learning Technology (IALLT)'s Sheppard Memorial Award on August 13, 2015. I was presented with this award for my service to the *IALLT Journal*.

McKinley Melton, Assistant Professor of English, was selected as a 2015-2016 Post-Doctoral Fellow at the Fox Center for Humanistic Inquiry, Emory University, Atlanta, GA. This fellowship, in combination with a previously awarded Career Enhancement Fellowship from the Woodrow Wilson National Fellowship Foundation, will facilitate the completion of Professor Melton's first book manuscript, *Along Their Own Way: Spiritual Foundations of Black Diasporan Literature*.

Todd Neller, Professor of Computer Science, was awarded Best Paper at CCSCE-14: The 30th Annual CCSC (Consortium for Computing Sciences in Colleges) Eastern Conference, York College of Pennsylvania, York, PA, November 14-15, 2014. The paper, titled "The Pedagogical Possibilities for the 2048 Puzzle Game" (see also **Publications**), outlined a variety of exercises that can leverage the game's popularity to engage student interest, reinforce core CS concepts, and excite student curiosity towards undergraduate research.

Zakiya Whatley, Gondwe Fellow and Visiting Assistant Professor of Biology, received the Mentoring in Active Learning and Teaching Award from the Education Committee of the American Society for Cell Biology. This award supports a partnership with Erin Dolan (University of Texas at Austin) and Peggy Brickman (University of Georgia at Athens) to implement active learning strategies in Professor Whatley's courses.

PROFESSIONAL OR CREATIVE ACTIVITY

Yasemin Akbaba, Associate Professor of Political Science, chaired a panel at the annual meeting of the International Studies Association, New Orleans, LA, February 18-21, 2015. The panel examined Turkey's role in the Middle East.

Shannon Egan, Director of Schmucker Art Gallery, served as Juror for the 46th Annual All Student Art Exhibition at Boyden Gallery, St. Mary's College of Maryland, St. Mary's City, MD, March 23, 2015. As part of her service as Juror, Dr. Egan delivered brief remarks about the students' performance and the jurying experience at the exhibition.

Egan delivered an invited lecture titled "The Curator's Perspective" at Maryland Institute College of Art, Baltimore, MD, April 6, 2015. Dr. Egan's lecture reflected on recent curatorial projects and considered contemporary art exhibitions that examine issues related to war and political conflict.

Egan curated an exhibition titled "Ejecta" at CulturalDC's Flashpoint Gallery, Washington, DC, August 15-September 12, 2015. A collaboration with artist Anthony Cervino, this exhibition includes large-scaled constructions, small cast bronzes, and assemblages of found objects, as well as an accompanying book to reflect the artist's and curator's personal trajectories and a keen awareness of art-historical precedents.

Egan delivered an invited lecture titled "Ejecta" at the Luce Foundation Center for American Art, Smithsonian American Art Museum, Washington DC, August 15, 2015. This lecture considered aesthetic and thematic connections between art objects in the Luce Foundation Center collection and Egan's curated exhibition at CulturalDC's Flashpoint Gallery in Washington, DC.

Tina Gebhart, Assistant Professor of Art and Art History, exhibited work in “Pottery by Design,” an invitational exhibition curated by Garth Johnson as part of DesignPhiladelphia 2014, at The Clay Studio, Philadelphia, PA, October 3-November 30, 2014. *Porcelain Soldiers II* comprises 10 porcelain bowls, set into a 10-pin bowling configuration suggesting the precariousness of fired ceramics, of food, of soldiers. The bowls are invented by recombining forms, features, or processes from a set array, to create a grouping of objects that are related, but individual. This creative approach functions like DNA, and like construction techniques used to make the Terracotta Warriors (terracotta army figures made for the emperor of China, c. 210 BCE).

Gebhart participated in a public panel titled “The Philadelphia Live Ramble: Silverman, Strand, and Gebhart Talk about Design,” with host Ben Carter, taped live for podcast on October 10, 2014, and aired December 12, 2014, in the *Tales of a Red Clay Rambler* series. As part of the DesignPhiladelphia 2014 exhibition trio at The Clay Studio, artists Gebhart, Bobby Silverman, and Michael Strand “discuss a broad spectrum of design-related topics including education, the role of handmade in the contemporary design studio, and the ever-changing boundaries of good taste.”

Sarah Jacobs, Adjunct Assistant Professor of Art & Art History, has had two solo exhibitions: *Ethosphere*, at Galeria U, Wroclaw, Poland, March 28, 2014; and *Ethosphere 6*, at Bristol Cathedral, Bristol, England, September 30-October 14, 2014. Her joint exhibition with Natalie Dunham, *Complication/Simplicity*, ran at the Stone Space Gallery, London, England, February 6-March 2, 2014. Sarah Jacobs is represented by Randall Scott Projects in Baltimore and has shown widely in Europe and the United States.

John Kovaleski, Adjunct Assistant Professor of Art & Art History, was part of the exhibit “found-collected-assembled” at the Hive Artspace, York, PA, July 3-31, 2015. The work comprised photographs of found-object assemblages created from materials culled from Gettysburg College dumpsters. The photographs are documentations of temporary found-object assemblages, exploring the details and, in many instances, abstracting what is presented.

Todd Neller, Professor of Computer Science, was selected to serve as co-chair of the 6th Symposium on Educational Advances in Artificial Intelligence 2016 (EAAI-16), to be collocated with the 30th AAAI Conference on Artificial Intelligence (AAAI-16), the largest Artificial Intelligence conference in this hemisphere. EAAI-16 provides a venue for researchers and educators to discuss pedagogical issues and share resources related to teaching AI and using AI in education across a variety of curricular levels (K-12 through postgraduate training), with an emphasis on undergraduate and graduate teaching and learning.

Neller organized and led three “Hour of Code” lab experiences for two full lab classrooms of the Migrant Education/21st Century after-school tutoring programs, December 2, 2014; and for the students of Gettysburg Area Middle School, December 3, 2014. As the only “Hour of Code” in Gettysburg, we joined more than 100 million students worldwide in sharing a fun, hands-on introduction to the basic concepts of programming or “coding.”

Neller served as the inaugural Liberal Arts Co-Chair of the Special Interest Group on Artificial Intelligence (SIGAI) Career Network Conference (CNC) Career Fair. He researched the Liberal Arts academic job market for Artificial Intelligence (AI) researchers and facilitated communication between AI Liberal Arts academic job search committees and candidates via the SIGAI CNC job fair held in Austin, TX, January 26, 2015.

Neller, with student co-author **Tayvon Wright '17**, published an update of the Apple app “Jump Maze,” April 15, 2015. With simple rules and surprisingly complex solutions, this free Jump Maze app offers a fun mental challenge with 10,000 Rook Jumping Mazes (a.k.a. Number Mazes).

Neller, assisted by **Colin Messinger '17** and **Zuozhi Yang '17**, organized the inaugural EAAI NSG Challenge, an annual research challenge to foster greater student-faculty AI research. We were one of seven undergraduate student-faculty research teams from the US and Canada that worked through the spring and summer of 2015 to develop Artificial Intelligence for competitive play of Parameterized Poker Squares. Results will be published and presented by faculty and students at the 6th Educational Advances in Artificial Intelligence Symposium (EAAI-2016).

Michael Ritterson, Professor Emeritus of German Studies, published “The Cold War Is Long Since Over” in *SAND: Berlin's English Literary Journal* 11 (Spring 2015): 68-70. This is the English translation of Utz Rachowski's 2003 poem, “Der kalte Krieg ist lange vorbei,” imagining a post-Wall encounter between a Russian souvenir hustler and a suicidal German at Checkpoint Charlie.