

# The FACULTY



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## Notebook

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### PUBLICATIONS

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**Yasemin Akbaba, Associate Professor of Political Science**, with co-author Gönül Tol, published “Islamism in Western Europe: Milli Görüş in Germany” in *Interdisciplinary Journal of Research on Religion* 12.6 (2016): 1-16. This study is an inquiry into the nature of the Islamic Community Milli Görüş (IGMG) movement in Germany.

**Paul Austerlitz, Professor of Music, Sunderman Conservatory of Music, and Professor of Africana Studies**, with co-editor Jere Laukkanen, published *Machito and His Afro-Cubans: Selected Transcriptions* (Middleton, WI: A & R Editions, 2016). Machito (Francisco Raúl Grillo, 1909–1984) was born into a musical family in Havana, Cuba, and was already an experienced vocalist when he arrived in New York City in 1937. In 1940 he teamed up with his brother-in-law, the Cuban trumpeter Mario Bauzá (1911–1993), who had already made a name for himself with top African American swing bands such as those of Chick Webb and Cab Calloway. Together, Machito and Bauzá formed Machito and His Afro-Cubans. With Bauzá as musical director, the band forged vital pan-African connections by fusing Afro-Cuban rhythms with modern jazz and by collaborating with major figures in the bebop movement. Highly successful with Latino as well as black and white audiences, Machito and His Afro-Cubans recorded extensively and performed in dance halls, nightclubs, and on the concert stage. In this volume, ethnomusicologist Paul Austerlitz and bandleader and professor Jere Laukkanen (both experienced Latin jazz performers) present transcriptions from Machito’s recordings which meticulously illustrate the improvised as well as scored vocal, reed, brass, and percussion parts of the music. Austerlitz’s introductory essay traces the history of Afro-Cuban jazz in New York, a style that exerted a profound impact on leaders of the bebop movement, including Dizzy Gillespie and Charlie Parker, who appears as a guest soloist with Machito on some of the music transcribed here. This is MUSA’s first volume to represent the significant Latino heritage in North American music.

**Abou B. Bamba, Associate Professor of History and Africana Studies**, published *African Miracle, African Mirage: Transnational Politics and the Paradox of Modernization in Ivory Coast* (Athens: Ohio University Press, 2016). This book narrates the story of the post-1945 transnational struggle to turn Ivory Coast into a showcase of capitalist modernity in West Africa. Using an interdisciplinary historical approach, it shows that the ultimate fate of the Ivorian development and modernization drives, which became apparent in the early 1980s, is best mapped out through a critical reading of the vicissitudes of a world system in transition between French (and European) colonialism, U.S. neocolonialism, and (neoliberal) globalization.

**Emily Besecker, Visiting Assistant Professor of Health Sciences**, with co-authors Gina M. Deiter, Nicole Pironi, Timothy K. Cooper, and Gregory Michael Holmes, published “Mesenteric Vascular Dysregulation and Intestinal Inflammation Accompanies Experimental Spinal Cord Injury” in *American Journal of Physiology—Regulatory, Integrative and Comparative Physiology* 312 (2017): R146-R156. Spinal cord injury severely impairs organ function, particularly upper-level injuries (T5 and superior); patients often present with resting systemic hypotension, which may lead to visceral hypoxia triggering gastrointestinal (GI) dysmotility. Our data suggest that arterial hypotension diminishes the GI blood-flow that is necessary to meet mucosal demands at rest and during digestion, and the resulting GI ischemia and low-grade inflammation may be an underlying pathology leading to GI dysfunction seen following acute T3-SCI.

**Emelio Betances, Professor of Sociology and Latin American Studies**, with co-editor Carlos Figueroa Ibarra, published *Popular Sovereignty and Constituent Power in Latin America: Democracy from Below* (New York: Palgrave Macmillan, 2016). This book explores perhaps the most revolutionary component of the new and contradictory political process occurring south of the U.S. border. It examines the opportunities of participative democracy based on a constituent power, and the expansion of popular sovereignty in several Latin American nations. Its contribution consists in a two-track approach to the study of social movements, combining bottom-up and top-down strategies to explain the resurgence of movements that are remapping the political landscape of Latin America in the 21st century.

**Betances** published “Bolivia: Evo Morales y el referendum del 2016” in *Global* 12.70 (May-June 2016). The Bolivian government lost the referendum in 2016, but Bolivia does not fit the general Latin American pattern in which right-wing entities are gaining electoral victories. The regime lost because it arrogantly took its power base for granted, mishandled its campaign to change the constitution, and put distance between the official party and the grassroots that elected Evo Morales. Still, the political weakness of the right wing prevents it from claiming a victory.

**Betances** published *En busca de la ciudadanía: los movimientos sociales y la democratización en la República Dominicana* (Santo Domingo: Archivo General de la Nación, 2016). This book is a memoir of workers, peasants, grassroots, teachers, and middle class-based environmentalists in the Dominican Republic. Giving “voice to the voiceless” by examining their struggles to create a broader social space in society, it offers a sociological perspective on popular movements and the social claims they raise in an attempt to build a more open, just, and democratic society.

**Michael Birkner, Professor of History**, with student co-authors **Carol Hegeman ’73** and **Kevin Lavery ’16**, published *Eisenhower’s Gettysburg Farm* (Charleston, SC: Arcadia Press, 2017). This illustrated history of Dwight and Mamie Eisenhower focuses on their Gettysburg connections, including Eisenhower’s World War I experience at Camp Colt, his and Mamie’s life on their Gettysburg farmstead, and Eisenhower’s Gettysburg College activities.

**Ron Burgess, Professor of Spanish**, published “Mexico’s La Troupe” in *Puppetry Journal* 68.1 (2016): 28-29. This is a brief history of one of Mexico’s most important puppetry groups.

**Michael Caldwell, Adjunct Assistant Professor of Biology**, with co-authors Norman Lee and Mark A. Bee, published “Inherent Directionality Determines Spatial Release from Masking at the Tympanum in a Vertebrate with Internally Coupled Ears” in *Journal of the Association for Research in Otolaryngology* 17.4 (2016): 259-270. Many animals, including humans, are better at interpreting sounds in noisy environments if the sources of those sounds are spatially separated from sources of noise. We investigate how physical interconnections between the ears of gray treefrogs can explain this “spatial release from masking.”

**Verónica Calvillo, Assistant Professor of Spanish**, published “Mexican Immigrants’ Perceptions and Attitudes: Evidence from Popular Songs of the Bracero Program Era” in *Diálogo* 19.2 (2016): 49-62. This study looks at the perceptions and attitudes of Mexican bracero laborers during the era of the Bracero Program (1942-1964). Through the song lyrics of 14 *corridos* (songs), I examine how particular nationalistic character traits were embodied in the braceros’ sense of identity.

**Vern Cisney, Visiting Assistant Professor of Philosophy**, with co-editors Yubraj Aryal, Nicolae Morar, and Christopher Penfield, published *Between Foucault and Derrida* (Edinburgh: Edinburgh University Press, 2016). The book’s first part comprises the first collection of the central essays involved in the Cogito debate between Michel Foucault and Jacques Derrida; an important 1973 piece by Jean-Marie Beyssade on the debate; and Foucault’s response to Beyssade. The latter pieces are available for the first time in English. The second part consists of 10 essays, by some of the foremost scholars in contemporary continental philosophy, addressing the philosophical intersections and divergences of these two profoundly important thinkers.

**Cisney**, with co-editor Jonathan Beever, published *The Way of Nature and the Way of Grace: Philosophical Footholds on Terrence Malick’s The Tree of Life* (Evanston, IL: Northwestern University Press, 2016). This groundbreaking collection thoughtfully engages the philosophical riches of life, culture, time, and the sacred through Malick’s film. It traverses the relationships among ontological, moral, scientific, and spiritual perspectives on the world, demonstrating how phenomenological work can be done in and through the cinematic medium, and attempting to bridge the gap between narrow “theoretical” works on film and their broader cultural and philosophical significance.

**Cisney**, with co-author Jonathan Beever, published “Introduction: In the Midst of the Garden” in *The Way of Nature and the Way of Grace: Philosophical Footholds on Terrence Malick’s The Tree of Life* (Evanston, IL: Northwestern University Press, 2016). This introduction explores the culturally prevalent symbol of the tree, and draws out philosophical questions raised by Malick’s film under three general headings: Metaphysical and Religious Reflection, Human Suffering and the Meaning of Life, and the American Sublime.

**Cisney** published “All the World is Shining, and Love is Smiling through All Things: The Collapse of the ‘Two Ways’ in *The Tree of Life*” in *The Way of Nature and the Way of Grace: Philosophical Footholds on Terrence Malick’s The Tree of Life* (Evanston, IL: Northwestern University Press, 2016). In this article, I draw a distinction between what I call the “ascetic worldview” and the “affirmative worldview,” arguing that the film’s purported distinction between the way of nature and the way of grace amounts to an espousal of the

ascetic worldview—that nature is somehow deficient, fallen, or grotesque. Employing the philosophy of Benedict de Spinoza, I argue that this distinction between the two ways in the film ultimately collapses, that the way of nature is synonymous with the way of grace, and that the film itself espouses an affirmation of life.

**Amy Dailey, Associate Professor of Health Sciences**, with co-authors Evelyn C. King-Marshall, Nora Mueller, Tracey E. Barnett, Thomas J. George Jr., Shanaz Sultan and Barbara Curbow, published “It Is Just Another Test They Want to Do’: Patient and Caregiver Understanding of the Colonoscopy Procedure” in *Patient Education and Counseling* 99.4 (2016): 651-658. Confusion around the purpose, anatomy, and logistics of colonoscopy were related to age, race, income, education, and health literacy. Implications for informed consent, bowel and emotional preparation are discussed.

**Véronique Delesalle, Professor of Biology**, with co-authors Nancy L. Staub, Lawrence S. Blumer, Christopher W. Beck, Gerald D. Griffin, Robert B. Merritt, Bettye Sue Hennington, Wendy H. Grillo, Gail P. Hollowell, Sandra L. White, and Catherine M. Mader, published “Course-Based Science Research Promotes Learning in Diverse Students at Diverse Institutions” in *CUR Quarterly* 37.2 (2016): 36-46. This article explores the factors that make course-based research experiences successful from the perspective of diverse institutions.

**Delesalle**, with student co-authors **Natalie Tanke ’17** and **Albert Vill ’16**, and co-author Greg P. Krukonis, published “Testing Hypotheses for the Presence of tRNA Genes in Mycobacteriophage Genomes” in *Bacteriophage* 6.3 (2016, online). Phages—viruses that infect bacteria—are cellular parasites using their host’s cell machinery for replication. As such, the presence of tRNA genes in their genomes is surprising. We tested proposed hypotheses to explain the presence of tRNA genes in a large group of sequenced phages.

**Jenny Dumont, Assistant Professor of Spanish**, with co-author Damián Vergara-Wilson, published “Using the Variationist Comparative Method to Examine the Role of Language Contact in Synthetic and Periphrastic Verbs in Spanish” in *Spanish in Context* 13.3 (2016): 394–419. This article compares rates and restraints on the use of periphrastic versus analytic forms to express imperfect aspect in Ecuadorian and New Mexican Spanish.

**Dumont** published *Third Person References: Forms and Functions in Two Genres of Spoken Spanish* (Amsterdam: John Benjamins, 2016). This book, published as part of the Studies in Functional and Structural Linguistics Series, examines the patterns of third-person references in conversations and narratives.

**Suzanne Flynn, Professor of English**, published “Getting Life-Leased at All Cost’: Marriage in Hardy’s Late Short Stories” in *Thomas Hardy’s Short Stories: New Perspectives*, edited by Juliette Berning Schaefer and Siobhan Craft Brownson (London: Routledge, 2016). Hardy’s 1890s short stories, collected in *Life’s Little Ironies*, question the domestic institutions that formed the bedrock of Victorian culture—marriage, family, and motherhood. This chapter explores the way these stories reveal the anxieties of women of more mature years who are weighed down by their society’s call for them to get “life-leased at all cost.”

**Flynn** published “The Return of the Poor Man: *Jude the Obscure* and Late Victorian Socialism” in *The Hardy Review* 18.1 (2016): 56-65. This essay examines Hardy’s decision to return in his final novel, *Jude the Obscure*, to the “striking socialistic” themes which had defined his first (unpublished) novel.

**Peter Fong, Professor of Biology**, with student co-authors **Taylor B.S. Bury ’16**, **Elizabeth E. Donovan ’16**, **Olivia J. Lambert ’19**, **Julia R. Palmucci ’18**, and **Stephanie K. Adamczak ’15**, published “Exposure to SSRI-Type Antidepressants Increases Righting Time in the Marine Snail *Ilyanassa obsoleta*” in *Environmental Science and Pollution Research* 24.1 (2017): 725-731. Human pharmaceuticals released from wastewater treatment plants are aquatic contaminants of emerging concern. Previous experiments in our lab have shown that exposure to antidepressants disrupts the physiology and behavior of aquatic snails. We tested the effects of four selective serotonin reuptake inhibitor (SSRI) antidepressants on the ability of marine snails to orient properly after dislodgement (righting behavior). All four antidepressants significantly increased snail righting time when exposed for one hour. This paper highlights the importance of these contaminants in disrupting important behaviors of aquatic animals.

**Shelli Frey, Associate Professor of Chemistry**, with student co-author **Warren A. Campbell ’15**, and co-authors Xiang Gao, Maxmore Chaibva, Pranav Jain, Ashley E Leslie, and Justin Legleiter, published “Cholesterol Modifies Huntingtin Binding to, Disruption of, and Aggregation on Lipid Membranes” in *Biochemistry* 55.1 (2016): 92-102. Huntington’s disease is an inherited neurodegenerative disease caused by an expanded polyglutamine region within the huntingtin protein that results in the formation of aggregates in neurological tissue. This study focused on the role of the cell membrane, and in particular cholesterol, on the aggregation process. Our biophysical experiments suggest that the presence and amount of cholesterol within a lipid membrane reduce the levels of huntingtin binding and subsequent aggregation.

**Sandra Gill, Associate Professor of Sociology**, published *Whites Recall the Civil Rights Movement in Birmingham: We Didn’t Know it was History until after it Happened* (New York: Palgrave Macmillan, 2016). This book addresses how white southerners have reconstructed their recollections to have a usable past. Through interviews with my classmates who attended an all-white high school in the midst of Civil Rights activities in Birmingham, I examine how individuals selectively use the past. The book traces the development of a trauma narrative around the killing of “four little girls” at the Sixteenth Street Baptist Church, and considers why the two black boys shot by whites on the same day have been all but forgotten.

**Darren Glass, Professor of Mathematics**, published “Critical Groups of Graphs with Dihedral Actions II” in *European Journal of Combinatorics* 61 (2017): 25-46. This paper continues to explore a question posed in an earlier paper that I wrote with Criel Merino. In particular, we look at the ways that the critical group of a graph that has specific automorphism groups can be decomposed in terms of the critical groups of its quotients. The main result of this paper is similar to that in our earlier paper, but removes a technical hypothesis and so applies to many more families of examples.

**Glass** published “Life after Calculus: 20 Years Later” in *Math Horizons* 24.2 (2016): 12-15. In 1996, I was interviewed as part of a panel of undergraduate math majors to give advice to other students for an article in *Math Horizons*. 20 years later, I decided to recreate the experience by interviewing a group of students (including Gettysburg’s own **Erik Wendt ‘19** and **Sam Edwards ‘17**) at MathFest.

**Brent Harger, Assistant Professor of Sociology**, with co-editors Ingrid E. Castro and Melissa Swauger, published *Researching Children and Youth: Methodological Issues, Strategies, and Innovations* (Bingley, UK: Emerald, 2017). This book, Volume 22 in the Sociological Studies of Children and Youth series, presents sociological work discussing research with children and youth focusing on ethical issues, the competing constructions of children as social agents and in need of protection, and explorations of innovative methodological strategies.

**Harger**, with co-authors Melissa Swauger and Ingrid E. Castro, published “The Continued Importance of Research with Children and Youth: The ‘New’ Sociology of Childhood Forty Years Later” in *Researching Children and Youth: Methodological Issues, Strategies, and Innovations* (Bingley, UK: Emerald, 2017). This chapter presents the broad themes of this special issue by introducing the contributions and connections among the chapters in the volume, focusing on sociological approaches to the study of children and youth.

**Harger**, with co-author Melissa Quintela, published “The IRB as Gatekeeper: Effects on Research with Children and Youth” in *Researching Children and Youth: Methodological Issues, Strategies, and Innovations* (Bingley, UK: Emerald, 2017). In order to examine the gatekeeping role of institutional review boards (IRBs) in work with children and youth, we compare IRB negotiations for two research projects at a large Midwestern university.

**Caroline Hartzell, Professor of Political Science**, published “Civil War Termination” in *Oxford Research Encyclopedias—Politics* (2016, online). This peer-reviewed article focuses on the debate regarding the “best” way to end civil wars.

**Julie Hendon, Associate Provost and Professor of Anthropology**, published “Vernacular Architecture: Insights into Practice, Identity, and Relationships in Pre-Columbian Societies in the Americas” in *Vernacular Architecture in the Pre-Columbian Americas*, edited by Christina T. Halperin and Lauren E. Schwartz (London: Routledge, 2016). The case studies in this edited volume examine ancient and non-Western societies in North and Latin America through the study of vernacular architecture. My concluding chapter discusses the insights gained through this focus on dwellings and other common forms of building.

**Ben Hill, Assistant Director of the Eisenhower Institute**, with co-editors George W. Chapman, Dale A. Slivinske, and David L. Westol, published *The Manual of Theta Chi Fraternity: For Pledges, Collegians, and Student Members, Nineteenth Edition* (Carmel, IN: Theta Chi Fraternity, 2016). This manual is provided to all members joining Theta Chi Fraternity, and provides history, context, and important information about the organization.

**Joel Hillison, Adjunct Professor of Political Science**, with co-author Avram Isaacson, published “Deviant Globalization: The Application of Strategic Landpower” in *Defense and Security Analysis* 32.4 (2016): 281-292. This paper examines the role of Strategic Landpower in influencing the physical, psychological, economic, and social interactions of various non-state actors and their association with deviant globalization.

**Ian Isherwood, Visiting Assistant Professor of War and Memory Studies, Department of Interdisciplinary Studies**, published *Remembering the Great War: Writing and Publishing the Experiences of WWI* (London: IB Tauris, 2017). This book surveys British memoirs written by veterans of the Great War and published in the 1920s and 1930s. It considers literature from the western front, the war’s colonial “side shows,” and discusses the prominent tropes of suffering, victimization, and heroism.

**Isherwood** published “British Memoirs and Memoirists of the Great War” in *War Stories: The War Memoir in History and Literature*, edited by Philip Dwyer (Oxford: Berghahn Books, 2016). As part of Dwyer’s groundbreaking book on the subject of non-fiction war writing, this chapter surveys British memoirs of the First World War.

**Florence Ramond Journey, Professor and currently Chair, Department of French**, with co-editor Karen McPherson, published *Women’s Lives in Contemporary French and Francophone Literature* (New York: Palgrave MacMillan, 2016). The essays in this volume explore how two key stages in women’s lives—maternity and old age—are narrated and defined in fictions and autobiographical writings by contemporary French and Francophone women. By adopting a broad, synthetic approach to these two distinct and defining stages in women’s lives, this volume elucidates how these significant transitional moments set the stage for women’s evolving definitions (and interrogations) of their identities and roles.

**Álvaro Kaempfer, Associate Professor of Spanish and Latin American, Caribbean and Latino Studies and currently Chair of Globalization Studies**, published “Campeños, Jóvenes e Inmigrantes: La Ecuación Liberal y Revolucionaria Chilena Frente al Estado de Sitio en la *Carta a Francisco Bilbao* (1852) de Santiago Arcos” in *A Contracorriente* (Fall 2016): 37-57. This article focuses on Francisco Bilbao’s *Letter to Francisco Bilbao* (1852) by underlining the constitutional aspect of his political platform, a liberal revolution conceived to dismantle social, economic and juridical inequalities by calling for an alliance between peasants, youth and immigrants in mid-nineteenth century Chile.

**Kaempfer** published “Pedagogías del despojo y dispositivos narrativos coloniales: Rodolfo Lenz, el temblor de tierra, las dudosas fuentes del desastre y la cultura mapuche” in *Revista Hispanica Moderna* 69.2 (2016): 151-163. This essay focuses on Rodolfo Lenz’s linguistic and anthropological research among Mapuche communities in the Southern Cone of the Americas at the end of the XIX Century. His initial efforts to have direct access to native “original” culture through fieldwork and firsthand data collection (to trace back linguistic changes, cultural imaginaries, and traditional stories), crashed with the ideological framework imposed by the religious narratives put in place by the colonial pedagogical enterprise from the XVI Century in the Araucania/Patagonia region.

**Ryan Kerney, Assistant Professor of Biology**, with co-authors Karolina A. Budzik and Krystyna Żuwala, published “Tongue and Taste Organ Development in the Ontogeny of Direct-Developing Salamander *Plethodon cinereus* (Lissamphibia: Plethodontidae)” in *Journal of Morphology* 277.7 (2016): 906–915. This is a descriptive paper on tongue and taste bud/disk development in a local salamander that does not have a larval stage.

**Kerney**, with co-authors Gayani Senevirathne, Sonali Garg, Madhava Meegaskumbura and S.D. Biju, published “Unearthing the Fossorial Tadpoles of the Indian Dancing Frog Family Micrixalidae” in *PLoS One* 11.3 (2016, online). This paper described the tadpoles of the Indian dancing frogs (Micrixalidae). Out of the 50-plus known families of living frogs, this small family of South Asian frogs are the last to have their tadpoles described.

**Kerney**, with co-authors Gayani Senevirathne, Ashish Thomas, James Hanken, S.D. Biju and Madhava Meegaskumbura, published “From Clinging to Digging: The Postembryonic Skeletal Ontogeny of the Indian Purple Frog, *Nasikabatrachus sahyadrensis* (Anura: Nasikabatrachidae)” in *PLoS One* 11.3 (2016, online). This paper described the unique changes to the skeleton during a dramatic metamorphosis in the Indian “purple frog.”

**Topher Kurfess, Adjunct Assistant Professor of Classics**, published “The Truth about Parmenides’ *Doxa*” in *Ancient Philosophy* 36.1 (2016): 13-45. I propose that the standard reconstruction of the poem of the early Greek philosopher Parmenides—as well as the dominant understanding of the second part, known as the *Doxa*—as a cosmology ignores literary aspects of the work, as well as ancient testimony suggestive of a special interest, on Parmenides’ part, in patterns of repetition and the cycle of rebirth.

**Benjamin Luley, Visiting Assistant Professor of Anthropology and Classics**, with co-author Gaël Piquès, published “Communal Eating and Drinking in Early Roman Mediterranean France: A Possible Tavern at *Lattara*, c. 125–75 BC” in *Antiquity* 90.394 (2016): 126-142. The authors discovered the remains of a likely Roman tavern from the archaeological site of Lattara (modern Lattes) in Mediterranean France, dating to the first century B.C.

**Luley** published “Equality, Inequality, and the Problem of ‘Elites’ in Late Iron Age Eastern Languedoc (Mediterranean France), ca. 400-125 BC” in *Journal of Anthropological Archaeology* 41 (2016): 33-54. The author argues that the Celtic peoples of pre-Roman Mediterranean France (ca. 200-25 B.C.) were far more egalitarian in nature than scholars have previously suggested. Furthermore, in this case the traditional term “elite” used in archaeological research has obscured the way in which the Roman Empire created new conditions of inequality among these Celtic peoples.

**Devin McKinney, Archives Assistant, Musselman Library**, published *Jesusmania! The Bootleg Superstar of Gettysburg College* (Gettysburg, PA: Musselman Library, 2016). The book chronicles an illegal, spectacularly successful production of *Jesus Christ Superstar* staged in spring 1971 by Gettysburg College students, faculty, and an intern from Gettysburg Seminary.

**Brian Meier, Professor of Psychology**, with co-authors Sabrina Noll and Justina Molokwu, published “The Sweet Life: The Effect of Mindful Chocolate Consumption on Mood” in *Appetite* 108 (2017): 21-27. Chocolate consumption is anecdotally associated with

happiness, but little research has examined this effect. We examined food consumption (chocolate or crackers), mindfulness (mindful vs. non-mindful consumption), and positive mood. People who ate chocolate mindfully had a greater increase in positive mood compared to participants who ate chocolate non-mindfully or crackers either mindfully or non-mindfully. Chocolate increases positive mood, but only when it is eaten mindfully.

**Meier**, with co-author Courtney M. Lappas, published “The Influence of Safety, Efficacy, and Medical Condition Severity on Natural versus Synthetic Drug Preference” in *Medical Decision Making* 36 (2016): 1011-1019. In five studies, we show that there is a bias for natural over synthetic drugs even when safety and effectiveness are reduced. This bias could have implications for drug choice and usage.

**Nadine Meyer, Associate Professor of English**, published *Chrysanthemum*, *Chrysanthemum* (Kalamazoo, MI: New Issues Poetry & Prose, 2017). “‘Though I am staggered, I am not undone,’ Nadine Sabra Meyer writes in her lucid, precise, and well-crafted second book, a testament of moving into another stage of life,” writes Edward Hirsch, former chancellor of the Academy of American Poets. “I am heartened by this heartfelt book of grief and sanctuary.”

**Salma Monani, Associate Professor of Environmental Studies**, with co-editor Joni Adamson, published *Ecocriticism and Indigenous Studies: Conversations from Earth to Cosmos* (New York: Routledge, 2017). Published as part of Routledge’s Interdisciplinary Perspectives on Literature series, this book addresses the intersections between the interdisciplinary realms of Ecocriticism and Indigenous and Native American Studies, and between academic theory and pragmatic eco-activism as conducted by multiethnic and indigenous communities.

**Monani** published “Feeling and Healing Eco-social Catastrophe: The ‘Horrific’ Slipstream of Danis Goulet’s *Wakening*” in *Paradoxa* 28 (2016): 1-22. The article argues that Danis Goulet creatively uses and adapts the post-apocalyptic sci-fi genre to generate “affective alliances” that can help her audiences recognize the horrors of Indigenous lived experiences.

**Monani** published “*In God’s Land*: Cinematic Affect, Animation, and the Perceptual Dilemmas of Slow Violence” in *Ecodocumentaries: Critical Essays*, edited by Rayson K. Alex and S. Susan Deborah (New York: Palgrave Macmillan, 2016). This essay explores how Indian filmmaker Pankaj Rishi Kumar’s documentary feature *In God’s Land* (2012) extends current ecocritical readings of animation films. The essay argues for the necessity to look beyond the current Western/Japanese center and the animation “feel-good affect” that ecocritics usually focus on to more productively engage postcolonial environmental cinema.

**John Murphy, Assistant Professor of French**, published “The Rise of the Precariat? Unemployment and Social Identity in a French Outer City” in *Anthropologies of Unemployment: New Perspectives on Work and Its Absence*, edited by Jong Bum Kwon and Carrie M. Lane (Ithaca, NY: Cornell University Press, 2016). Drawing on ethnographic field research conducted in a French *banlieue* (outer city), this chapter considers recent claims made by intellectuals and other public commentators about the rise of a “precariat” (precarious proletariat). It asks how this term may obscure or conceal old and emergent inequalities.

**Joanne Myers, Associate Professor of English**, published “The Problem of the Survey” in *Eighteenth-Century Intelligencer* 30.2 (2016): 7-11. This article summarizes my experience incorporating a Problem-Based Learning (PBL) format into a survey course of eighteenth-century British literature. It appears in the journal of the East-Central chapter of the American Society for Eighteenth-Century Studies.

**Douglas Page, Visiting Assistant Professor of Political Science**, published “How Voters Hold the European People’s Party Accountable in European Parliament Elections” in *Journal of European Integration* 38.6 (2016): 671-685. I show that voters can hold European Union leaders accountable in European Parliament elections.

**VoonChin Phua, Associate Professor** and currently **Chair, Department of Sociology**, with student co-author **Eric Avery ’08**, and co-author Desirée Ciambrone, published “Gendered Synthetic Love: Real Dolls and the Construction of Intimacy” in *International Review of Modern Sociology* 43.1 (2017): 59-78. We analyzed the customer testimonials on the Real Doll website. Results suggest that the Dolls fit into the stereotypical ideal of beauty, and promote the commodification of bodies.

**Wendy Piniak, Assistant Professor of Environmental Studies**, with co-authors David A. Mann, Craig A. Harms, T. Todd Jones, and Scott A. Eckert, published “Hearing in the Juvenile Green Sea Turtle (*Chelonia mydas*): A Comparison of Underwater and Aerial Hearing Using Auditory Evoked Potentials” in *PLoS ONE* (2016, online). In this study we describe the first measurements of amphibious hearing in sea turtles and show that green sea turtles are most sensitive to low frequency sounds in air and water. Our results can be used to assess the potential impacts of introduced anthropogenic sounds in marine environments.

**Jennifer Powell, Associate Professor of Biology**, with co-author Joseph D. Robinson, published “Long Term Recovery from Acute Cold Shock in *Caenorhabditis elegans*” in *BMC Cell Biology* 17.2 (2016, online). This paper is the first to describe the process of recovery from severe cold stress in animals.

**Janet M. Powers, Emerita Professor of Interdisciplinary Studies and Women, Gender and Sexuality Studies**, with co-author Marica Prozo, published *Circles on the Mountain: Bosnian Women in the 21st Century* (Lanham, MD: Lexington Books, 2016). The result of five years of interviews and peace-building in both rural and urban Bosnia, as well as Bosnian communities in south-central Pennsylvania, this book shows how women’s organizations have moved from trauma counseling in the wake of war to dealing with domestic violence and trafficking. Other chapters discuss ethnic dance and dialogue groups as successful peace-building techniques in rural Bosnia.

**James Puckett, Assistant Professor of Physics and Astronomy**, with co-authors Dan Gorbonos, Reuven Ianconescu, Rui Ni, Nicholas T. Ouellette, and Nir S. Gov, published “Long-Range Acoustic Interactions in Insect Swarms: An Adaptive Gravity Model” in *New Journal of Physics* 18 (2016, online). The collective motion of groups of animals emerges from the net effect of the interactions mediated by sensory stimuli—in the case of insect swarms, predominantly sound. We exploit the similarity in form between the decay of acoustic and gravitational sources to build a model for swarm behavior. We show that our “adaptive gravity” model makes mean-field predictions that agree well with experimental observations of laboratory swarms.

**Puckett**, with co-authors Lia Papadopoulos, Karen E. Daniels, and Danielle S. Bassett, published “Evolution of Network Architecture in a Granular Material under Compression” in *Physical Review E* 94 (2016, online). As a granular material is compressed, the particles and forces within the system arrange to form complex and heterogeneous collective structures also known as force chains. Treating particles as network nodes and interparticle forces as network edges, we construct a multilayer network for the system by linking together the series of static force networks that exist at each strain step. We then extract the inherent mesoscale structure from the system by using a generalization of community detection methods to multilayer networks, and we define quantitative measures to characterize the changes in this structure throughout the compression process.

**Puckett**, with staff co-author **Kim Spayd, Assistant Professor of Mathematics**, published “A Three-Fold Approach to the Heat Equation: Data, Modeling, Numerics” in *PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies* 26.10 (2016): 938-951. This article describes our modeling approach to teaching the one-dimensional heat (diffusion) equation in a one-semester undergraduate partial differential equations course. We discuss the experimental setup, how the demonstration informed practices in the classroom and a project based on the collected data, including analytical and computational components.

**Joseph Radzevick, Assistant Professor of Management**, with co-authors Michael M. Roy, Daniel Memmert, Anastasia Frees, Jean Pretz, and Benjamin Noël, published “Rumination and Performance in Dynamic, Team Sport” in *Frontiers in Psychology* 6 (2016): 1-7. Over the course of two studies, we found that successful athletes reported lower levels of rumination than non-athletes. The results suggest that athletes in these sports might benefit from the flexibility associated with being low in rumination.

**Radzevic**, with co-authors Michael M. Roy and Laura Getz, published “The Manifestation of Stress and Rumination in Musicians” in *Muziki: Journal of Music Research in Africa* 13.1 (2016): 100-112. We discuss the results of four studies that find elevated levels of rumination and stress in musicians. We also review literature that finds this combination of rumination and stress might be especially toxic, especially due to the fact that musicians may not be taking advantage of the stress-reducing effects of their frequent exposure to music.

**Radzevick** published “Does Transition Experience Improve Newcomer Performance? Evidence from the National Basketball Association” in *Small Group Research* 47.2 (2016): 207-235. This article develops a distinct form of experience, here termed “transition experience,” to deal specifically with insights individuals accumulate as they shift membership between different groups, and contrasts its impact with that of the frequently examined component of related task experience. Player-movement data from the National Basketball Association is used to show that related task experience can produce negative consequences for individual performance in teams, while low to moderate levels of transition experience can aid performance.

**Chloe Ruff, Assistant Professor of Education**, with co-author Brett D. Jones, published “Becoming a Scientist: Using First-Year Undergraduate Science Courses to Promote Identification with Science Disciplines” in *International Journal for the Scholarship of Teaching and Learning* 10.2 (2016, online). This research explored how professors of biochemistry and physics supported the development of domain identification (e.g., the valuing of the domain as important to the self) in undergraduate students enrolled in their first-year experience courses at a large research university.

**Ruff** published “Finding Relevance, Competence, and Enjoyment: The Development of Domain Identification and Interest in First-Year Science Majors” in *International Journal of Teaching and Learning in Higher Education* 28.3 (2016): 335-346. This research examined how first-year college students perceived their development of domain identification with, and interest in, their prospective science major during their initial year of college.

**Richard Russell, Associate Professor of Psychology**, with student co-author **Alex L. Jones**, and co-authors Viktoria R. Mileva and Anthony C. Little, published “Sex Differences in the Perceived Dominance and Prestige of Women with and without Cosmetics” in *Perception* 45.10 (2016): 1166-1183. Evolutionary psychologists have proposed that status comes in two broad forms—prestige and dominance. Here we showed evidence that women wearing makeup are perceived as more dominant by other women, but as more prestigious by men.

**Russell**, with student co-author **Alex L. Jones**, and co-authors Aurélie Porcheron, Jennifer R. Sweda, Emmanuelle Mauger, and Frederique Morizot, published “Facial Contrast is a Cue for Perceiving Health from the Face” in *Journal of Experimental Psychology: Human Perception and Performance* 42.9 (2016): 1354-1362. Facial contrast—the contrast between the facial features and the surrounding skin—plays an important role in many judgments that we make about other people on the basis of their appearance. Here we showed that people use facial contrast as a cue when perceiving how healthy other people look.

**Russell**, with student co-author **Alex L. Jones**, and co-authors Aurélie Porcheron, Jennifer R. Sweda and Frederique Morizot, published “Coloration in Different Areas of Facial Skin is a Cue to Health: The Role of Cheek Redness and Periorbital Luminance in Health Perception” in *Body Image* 17 (2016): 57-66. Overall color of the face (such as redness and lightness) has recently been shown to affect how healthy people look, though this work has treated skin color as a one-dimensional construct. Here we investigated two-dimensional color variation across the face, and discovered that skin redness and lightness look healthy only when they appear in certain regions of the face.

**Abdulkareem Said Ramadan, Assistant Professor of Arabic and Interdisciplinary Studies**, published “Language Evaluation: Classical Arabic Approaches” in *Al-'Arabiyya: Journal of the American Association of Teachers of Arabic* 49 (2016): 117-132. This article explores the criteria and standards of literary evaluation as used by linguists in the Arabic literary tradition. Linguists did not apply such standards for instructional purposes only; they also used them to assess poetic aesthetics. Because poetry was the primary context in which language was assessed, this linguistic evaluation appeared in various forms throughout poetry criticism.

**Stephanie Sellers, Adjunct Associate Professor of English**, with co-editor Menoukha Case, published *Weaving the Legacy: Remembering Paula Gunn Allen* (Albuquerque: University of New Mexico Press, 2017). This collection is a celebration of Paula Gunn Allen's (1939–2008) life as an Indigenous (Laguna Pueblo) scholar, writer, and woman. It features the creative writing, art, and memoirs of Native American and other writers, scholars, and activists including Patricia Clark Smith (Micmac), Maurice Kenny (Mohawk), Barbara Mann (Seneca), Janice Gould (Maidu), LeAnne Howe (Choctaw), Elaine Jacobs, Annette van Dyke, Margara Averbach (Argentinian), Kristina Bitsue (Dine), Deborah Miranda (Chumash), Carolyn Dunn (Cherokee/Creek), Jennifer Browdy, Joseph Bruchac III (Abenaki), Sandra Cox, and La Vonne Brown Ruoff. Allen advised Dr. Sellers's doctoral committee.

**Megan Adamson Sijapati, Associate Professor of Religious Studies**, with co-editor Jessica Vantine Birkenholtz, published *Religion and Modernity in the Himalaya* (New York: Routledge, 2016). This book brings together field-based case studies of lived religion within Buddhist, Hindu, and Muslim traditions in the Himalaya in the context of rapid economic, political, cultural, and social changes of the 20th and 21st centuries to offer intraregional perspectives on the ways in which lived religions are being reconfigured or reimagined.

**Sijapati** published “Modern Religiosities and Religious Modernities: Views from the Himalaya” in *Religion and Modernity in the Himalaya* (New York: Routledge, 2016).

This essay situates the theories and case studies involved in the study of modernity and religious traditions in the Himalayan region.

**Sijapati**, with co-author Tina Harris, published “From Heavy Beads to Safety Pins: Adornment and Religiosity in Hindu Women's *Pote* Practices” in *Material Religion: The Journal of Objects, Art and Belief* 12.1 (2016): 1-25. This article examines the object of the beaded necklace worn by married women in Nepal—called *pote*—and the ambiguities and layers of meaning surrounding *pote* in the lived worlds of the women who wear them.

**Carolyn Snively, Professor of Classics**, published “Ecclesiastical Topography of the Late Antique City at Golemo Gradište, Konjuh, R. Macedonia” in *Acta XVI congressus internationalis archaeologiae christianae 2013* (Vatican City: 2016). This article deals with several issues of interest for the site at Golemo Gradište—e.g., the location of extramural churches; why the name of the site is unknown; whether a church stood on the acropolis; and why we believe that the city was the seat of a bishop.

**Kim Spayd, Assistant Professor of Mathematics**, with staff co-author **James Puckett, Assistant Professor of Physics**, published “A Three-Fold Approach to the Heat Equation: Data, Modeling, Numerics” in *PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies* 26.10 (2016): 938-951. In an upper-level math course, we used a lab experiment to motivate some standard material. As a result, the students were more interested in and engaged with what could have been a purely theoretical treatment.

**Divonna Stebick, Associate Professor of Education**, with student co-author **Jonathan Hart '04**, published “Making the Invisible, Visible: RtI and Reading Comprehension” in *New England Reading Association Journal* 51.2 (2016): 43-56. The

current research study examined changes in struggling students' reading achievement after implementing a Response to Intervention (RtI) service-delivery model. Third grade student reading assessment data was measured for oral reading fluency and for reading comprehension. These assessments were administered across two years. In Year 1, struggling readers received basic skills instruction and in Year 2 struggling readers received targeted and tiered interventions based on the RtI model and best practices.

**Sharon Stephenson, W.K.T. Sahn Professor of Physics**, published "On Marie Curie and Me" in *Fourth Genre: Explorations in Nonfiction* 18.2 (2016): 31-39. This is an essay about my imagined relationship with the Nobel Laureate Marie Curie.

**Stephenson**, with co-authors J.K. Smith, T. Baumann, D. Bazin, J. Brown, P.A. DeYoung, N. Frank, M.D. Jones, Z. Kohley, B. Luther, B. Marks, A. Spyrou, M. Thoennessen, and A. Volya, published "Neutron Correlations in the Decay of the First Excited State of  $^{11}\text{Li}$ " in *Nuclear Physics A* 955 (2016): 27-40. This nuclear structure article is about Lithium-11, a short-lived, exotic nucleus that has two neutrons in a "halo" configuration relative to the traditional compact nucleus.

**Stephenson**, 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. Thoennessen, published "Search for  $4n$  Contributions in the Reaction  $^{14}\text{Be}(\text{CH}_2, \text{X})^{10}\text{He}$ " in *EPJ Web of Conferences* 113 (2016, online). This is a paper proceeding from the 21st International Conference on Few-Body Problems in Physics, Chicago, Illinois, May 18-22, 2015. It describes a nuclear structure experiment in which we had a beryllium-14 radioactive beam at the National Superconducting Cyclotron Laboratory interact with a target of deuterated polyethylene. We looked for the possible existence of helium-12.

**Eileen Stillwaggon, Professor of Economics** and currently **Benjamin Franklin Professor of the Liberal Arts and Sciences**, with co-authors Larry Sawers, Jonathan Rout, David Addiss, and LeAnne Fox, published "Economic Costs and Benefits of a Community-Based Lymphedema Management Program for Lymphatic Filariasis in Odisha State, India" in *The American Journal of Tropical Medicine and Hygiene* 95.4 (2016): 877-884. Lymphatic filariasis causes disabling pain, fever, and lymphedema (elephantiasis) in 17 million people in 73 countries. Very low-cost interventions are effective in reducing the frequency of episodes of pain and fever and slowing the progression of lymphedema. This study demonstrates that the economic benefits of such interventions far exceed the costs, and result in very significant benefits to filariasis-affected people and their communities.

**Brent Talbot, Associate Professor and Coordinator of Music Education, Sunderman Conservatory of Music**, with co-author Alison Reynolds, published "Extending Invitations, Becoming Messmates" in *PMEA News* 81.3 (2016): 26-29. As music educators, we can model proactive advocacy among community members to prevent individuals' reactive violence in response to intolerance for differences. We can offer music-learning tables as safe spaces in which community members openly and collaboratively learn to know each other as individuals with diverse identities and interests. As messmates around the table, we can identify ways that researching, questioning, and being musical together can eradicate fears and the damaging effects of homophobia.

**Jill Titus, Associate Director, Civil War Institute**, published “Fighting Civil Rights and the Cold War: Confederate Monuments at Gettysburg” in *History News: The Magazine of the American Association for State and Local History* 71.4 (2016): 12-17. This article uses several monuments located along Gettysburg’s West Confederate Avenue as springboards for conversation about the political and personal uses of history.

**Alex Trillo, Assistant Professor of Biology**, with co-authors Ximena E. Bernal, Michael S. Caldwell, Wouter H. Halfwerk, Mallory O. Wessel, and Rachel A. Page, published “Collateral Damage or a Shadow of Safety?: The Effects of Signalling Heterospecific Neighbours on the Risks of Parasitism and Predation” in *Proceedings of the Royal Society B: Biological Sciences* 283.1831 (2016). In nature, males calling to attract females often find themselves signaling nearby males of other species with the same intent. However, calling for mates can be risky, because these calls attract females as well as predators and parasites looking for a meal. We investigated whether calling next to a male of a highly attractive species made signalers of a different species more or less attractive to predators and parasites.

**Isabel Valiela, Adjunct Associate Professor of Spanish and Women, Gender and Sexuality Studies**, published “A Cow, a Car, and the Shadow of the Past: Sebastián Borensztein’s *Un cuento chino* and Clint Eastwood’s *Gran Torino*” in *Bridges Across Cultures Proceedings 2013* (2016): 15-20. Based on a presentation given at the Bridges Across Cultures Conference, Perugia, Italy, July 28, 2013, and published in collaboration with the journal *Voces del Caribe: Revista de Estudios Caribeños*, this article examines the structural and thematic similarities between the films *Un cuento chino*, by Argentine director Sebastián Borensztein, and *Gran Torino*, by U.S. director Clint Eastwood. Both films present an older male protagonist in his home country struggling to deal with a wartime past and an encounter with a foreign culture in the figure of a young Asian man.

**James Udden, Associate Professor of Interdisciplinary Studies**, with co-editor Gary Bettinson, published *The Poetics of Chinese Cinema* (New York: Palgrave Macmillan, 2016). This is an edited collection of scholarly essays looking at Chinese-language cinema through the lens of poetics. In addition to editing this volume, Udden contributed a chapter on famed Chinese director Fei Mu.

**Kerry Wallach, Assistant Professor of German Studies**, published “America Abandoned: German-Jewish Visions of American Poverty in Serialized Novels by Joseph Roth, Sholem Asch, and Michael Gold” in *Three-Way Street: Germans, Jews, and the Transnational*, edited by Jay Howard Geller and Leslie Morris (Ann Arbor: University of Michigan Press, 2016). This essay argues that negative depictions of America in exemplary works of German, Yiddish, and Jewish American literature may have impacted immigration to the United States in the early 1930s.

**David Walsh, Assistant Professor of Religious Studies**, published “Feeding the Fire: Food and Reciprocity among the Dene” in *Religious Studies and Theology* 35.2 (2016, online). This article discusses my ethnographic work with indigenous Dene of arctic Canada, examining their environmental relationships through the lens of food, and asking how food articulates relationships between hunters, animals, and ancestors. Through a ceremony of feeding-the-fire, my consultants offer food to ancestors who aid in the hunt, and animals offer themselves in return for respectful reciprocity from the Dene.

**Kerry Walters, Professor Emeritus of Philosophy**, edited Caryll Houselander's *The Passion of the Infant Christ: Critical Edition* (Eugene, OR: Wipf and Stock, 2017). Although forgotten until quite recently, Caryll Houselander, who died in 1954, was a sensitive and profound English Roman Catholic writer on Christian spirituality. In her 1949 book *The Passion of the Infant Christ*, Houselander argues that the physical world is an “inscaped” revelation of the mind of the Creator. Every concrete object and temporal event mirrors the eternal, just as the circumstances surrounding the birth of Jesus mirror the circumstances surrounding his death and resurrection. Editor Walters discusses both Houselander's life and her primary themes in his introduction to this critical edition of one of Houselander's most insightful books.

**Zakiya Whatley, Assistant Professor of Biology**, with co-authors Desmond A. Moore, Chandra P. Joshi, Masaki Osawa, and Harold P. Erickson, published “Probing for Binding Regions of the FtsZ Protein Surface through Site-Directed Insertions—Discovery of Fully Functional FtsZ-FPs” in *Journal of Bacteriology* 199 (2016, online). This work identifies two sites on the FtsZ protein that are essential for function. We also identified a region where fluorescent proteins (FPs) can be inserted into FtsZ without blocking its function. The FtsZ with FPs can function as the sole source of FtsZ in the cell, making them useful tools for super-resolution imaging studies.

**Andy Wilson, Assistant Professor of Environmental Studies**, with student co-authors **Janine Barr '15** and **Megan Zagorski '16**, published “The Feasibility of Counting Songbirds Using Unmanned Aerial Vehicles” in *The Auk* 134.2 (2017): 350-362. We found that it is possible to use low-cost drones to monitor songbirds via sound recordings.

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## REVIEWS

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**Carolyn Snively, Professor of Classics**, reviewed *Churches EA and E at Sardis. Archaeological Exploration of Sardis Report 6*, by Hans Buchwald, in *Journal of Late Antiquity* 9.2 (2016): 555-556. Churches E and EA at Sardis, important churches of the Early Byzantine and Byzantine periods, were published in an exemplary manner. This book may almost be described as a textbook for ecclesiastical architecture in Asia Minor.

**Barbara Sommer, Professor of History** and currently **Johnson Chair for Distinguished Teaching in the Humanities**, reviewed *Contested Spaces of Early America*, edited by Juliana Barr and Edward Countryman, in *The Americas: A Quarterly Review of Latin American History* 73.4 (2016): 524-25. Dedicated to the late David J. Weber, this edited collection appropriately reflects numerous facets of his work, starting broadly with his belief in a common history of the Americas. As a whole, the volume demonstrates that borderlands are central to understanding the American past—a fitting testimony to Weber's legacy.

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## PROFESSIONAL PAPERS AND PRESENTATIONS

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**Yasemin Akbaba, Associate Professor of Political Science**, with student colleague **Piper O’Keefe ’17**, presented a paper titled “Domestic Role Contestation and Foreign Policy: Germany’s Role in Refugee Crisis” at the 58th Annual Conference of the International Studies Association (ISA), Baltimore, MD, February 22-25, 2017. The paper examines domestic role contestation in Germany’s refugee policy among the political actors of Germany.

**Akbaba**, with Ozgur Ozdamar, presented a paper titled “Ambitious Roles in a Transforming MENA: Politics, Economics and Identity” at the 58th Annual Conference of the International Studies Association (ISA), Baltimore, MD, February 22-25, 2017. The project focuses on regional transformation initiated by the Arab Spring uprisings with a focus on foreign policy roles of the four major regional powers (Egypt, Iran, Saudi Arabia, and Turkey).

**Rimvydas Baltaduonis, Associate Professor of Economics**, presented a paper titled “Abnormal Returns in Markets for Congestion Revenue Rights,” written with Sam Bonar, John Carnes and Erin Mastrangelo, at the Annual Meeting of the American Economic Association (AEA), Chicago, IL, January 7, 2017. This paper investigates the performance of Congestion Revenue Rights (CRRs) markets by estimating and analyzing the presence of abnormal returns among these financial instruments. CRRs are defined between two locations on the power transmission grid, known as a path. These assets accrue their value based on the energy price differential at two ends of a path.

**Baltaduonis** presented a paper titled “An Experimental Study of *Citizens United* Effects on Campaign Finance and Election Markets,” written with student co-author **Shannon Brobst ’15** and co-author John Cadigan, at the 86th Annual Conference of the Southern Economic Association (SEA), Washington, D.C. , November 20, 2016. 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*.

**Kathy Berenson, Assistant Professor of Psychology**, with student co-authors **Jessica C. Johnson ’16**, **Fanghui Zhao ’17**, and **Ogla Nynas ’16**, and co-author Tamir Goren, presented a paper titled “Integration of Positive and Negative Thoughts about Significant Others in Borderline Personality Disorder” at the Annual Convention of the North American Society for the Study of Personality Disorders (NASSPD), New York, NY, April 7-8, 2017. Our research used a combination of reaction time and diary methods to examine individual differences in viewing loved ones as simultaneously having positive and negative qualities.

**Clinton Baugess, Research and Instruction Librarian, Musselman Library**, with staff colleagues **Mallory Jallas, Research and Instruction Librarian**; **Kathryn Martin, Cataloging and Collections Librarian**; and **Carolyn Sautter, Director of Special Collections and College Archives**, presented “Fostering Future Colleagues: Academic Libraries and Mentoring” at the Annual Meeting of the Pennsylvania Library Association (PaLA), Pocono Manor, PA, October 17, 2016. Using case studies from two academic libraries (Gettysburg College and Lycoming College), this presentation

demonstrated how libraries can strengthen the profession by nurturing undergraduates to explore librarianship as a career. We provided a snapshot of how libraries may mentor students, either informally or through a formal internship program, including how to supervise interns and how to fund, market, and structure the internship.

**Amy Evrard, Associate Professor of Anthropology**, participated in an invited panel titled “National Security and Women’s Rights in Morocco” at the Purdue Public Policy Institute, Purdue University, East Lafayette, IN, March 2, 2017. This panel, part of a conference on “National Security and Women’s Rights,” compared and contrasted women’s rights and national security issues in Russia, Jordan, and Morocco.

**Brent Harger, Assistant Professor of Sociology**, with student colleague **Chelsea Johnson ’17**, presented a paper titled “I Didn’t Know it Would Be Like This: Factors Influencing Student Expectations and Experiences with the Transition to College” at the Annual Meeting of the Eastern Sociological Society (ESS), Philadelphia, PA, February 23-26, 2017. We interviewed over 50 first-year college students to explore their expectations and experiences with the transition to college. Most were happy with their college choice, though some students of color and students from lower socioeconomic backgrounds faced challenges.

**Caroline Hartzell, Professor of Political Science**, presented “Signaling Strangers? Power Sharing and Foreign Direct Investment in Post-Civil War States” at the 24th World Congress of the International Political Science Association, Poznan, Poland, July 23-28, 2016. Power sharing has long been identified as a signal of commitment to the peace by the parties to a war-ending civil war agreement. This paper finds that civil war settlements which include power-sharing measures have a positive effect on post-conflict foreign direct investment flows, thus suggesting that power sharing serves as a signal of commitment to the peace to other actors as well.

**Julie Hendon, Associate Provost and Professor of Anthropology**, presented a paper titled “Fine Dining and Social Position among the Classic Period Maya and their Neighbors in Honduras” at the 82nd Annual Meeting of the Society for American Archaeology (SAE), Vancouver, BC, Canada, March 29-April 2, 2017. What were the key components of Maya meals that turned dining into an important, flexible, and subtle way to embody status? No one approach can answer this question, but drawing together research based on a variety of methods provides a way to construct a more complete picture of the relationship between Maya cuisine (including such topics as what was served, how, and when) and social identity, including class and gender, as well as political authority.

**Alvaro Kaempfer, Associate Professor of Spanish and Latin American, Caribbean and Latino Studies**, and currently **Chair of Globalization Studies**, delivered an invited lecture inaugurating the First Chilean Workshop on XIX Century Studies, Santiago, Chile, October 5, 2016. Professor Kaempfer was invited by the Pontifical Catholic University and Alberto Hurtado University to teach a Master Class integrating the Subaltern Studies contribution to the study of postcolonial societies to critically approach XIX Century Latin American literature within a global perspective. The questions and proposals developed from historiography and literary cultural studies to understand colonial or postcolonial societies in transition during the late XX Century

could be an interesting dialogue between XIX Century Latin American societies which are coming out of a three-century colonial experience that shaped them all. The identification of comparable issues could provide a useful perspective for dealing with places of readings, historical interpretations and archival constructions of the past.

**Betsy Lavolette, Lecturer and Director of the Language Resource Center**, with student colleague **Angela Pegarella '17**, presented a paper titled “Language Center Tasks and Training: Student Workers’ Voices” at the annual conference of the Northeast Association for Language Learning Technology (NEALLT), Muhlenberg College, Allentown, PA, March 4, 2017. This paper detailed a preliminary investigation into what student workers do at language centers and how they are trained.

**Lavolette** presented a paper titled “Extensive Reading and Language Centers: A Perfect Match” at the annual conference of the Northeast Association for Language Learning Technology (NEALLT), Muhlenberg College, Allentown, PA, March 4, 2017. This paper gave an account of how I have developed extensive reading libraries and clubs for language learners, as well as advice on how to develop them at other institutions.

**Sarah Principato, Professor of Environmental Studies**, with student colleagues **Heather Ipsen '16**, **Rachael Grube '16**, and **Jessica Lee '13**, presented a paper titled “Geographic Variation of Cirques on Iceland: Factors Influencing Cirque Morphology” at the 47th International Arctic Workshop, University of Buffalo, Buffalo, New York, March 23-25, 2017. We presented variables influencing the formation of small glaciers on Iceland and the landforms they leave behind, called cirques. We also provided a quantitative analysis on cirque morphology, as well as a comparison with a global dataset. We found that cirques on Iceland are most influenced by the distance from the coastline and access to moisture source.

**Principato**, with Amanda Houts, Joseph Licciardi, Susan Zimmerman, and Robert Finkel, presented a paper titled “New Constraints on the Timing and Pattern of Deglaciation in the Húnaflói Bay Region of Northwest Iceland Using Cosmogenic <sup>36</sup>Cl Dating and Geomorphic Mapping” at the 47th International Arctic Workshop, University of Buffalo, Buffalo, NY, March 23-25, 2017. We present new dates for the deglaciation of the Húnaflói region of northwest Iceland. The results from this study will help constrain future modeling studies of the Iceland Ice Sheet.

**Chloe Ruff, Assistant Professor of Education**, with Lauren H. Bryant, Jessica Chittum and DeLeon Lavron Grey, presented a symposium titled “Practice-Relevant Motivation Research 2.0: Building a New Approach” at the Annual Meeting of the American Educational Research Association (AERA), Washington, DC, April 8-12, 2016. This symposium presented a model for developing collaborations between motivation researchers and educators to support motivation research that is both rigorous and directly applicable within the educational setting. Professor Ruff’s contribution was titled “A Brief History of Program Evaluation: Applications of Contemporary Motivation Research.”

**Jack Ryan, Vice Provost and Dean of Arts and Humanities**, presented a paper titled “The Warner Brothers Wine Cellar: Jim Harrison’s Adaptation Rewards” at the Annual Conference of the Literature/Film Association, Rowan University, Glassboro, New Jersey,

October 13-15, 2016. In line with the conference theme of “Alternate Worlds,” this paper examines Harrison’s adaptation work on two of his novellas, *Legends of the Fall* and *Revenge*.

**Megan Adamson Sijapati, Associate Professor of Religious Studies**, presented a paper titled “Body, Place, and Belonging: Spatial Imaginaries of the Hazratbal Shrine of Kashmir” at the Annual Conference of the Association for Asian Studies (AAS), Toronto, Canada, March 17, 2017. This paper brought together theories of space and the body in an analysis of a Muslim holy site in Kashmir, to argue for the centrality of the body in the establishment of a network of Islamic spaces that have dual religious and political salience in South Asia.

**Barbara Sommer, Professor of History and currently Johnson Chair for Distinguished Teaching in the Humanities**, presented a paper titled “Feeding the Ancestors: Generative Substances and Colonial Amazonian Sociality” at the 64th Annual Conference of the Rocky Mountain Council on Latin American Studies (RMCLAS), Salt Lake City, UT, April 6-8, 2017. This study reinterprets Portuguese colonial texts in light of recent ethnographic evidence to demonstrate that substance—especially food, drink, bodies, and bones—are keys to understanding social relations in the Amazonian past.

**Sommer** presented a paper titled “Cultural Exchange and Evolving Identity in Portuguese Amazonia” as part of the workshop “Linguistic and Other Cultural Exchanges across Brazilian History: The Indigenous Role,” at the University of Chicago, Chicago, IL, October 28-29, 2016. The initial dichotomy between Europeans and indigenous Americans in the territory that would become modern Brazil quickly fractured into a myriad of hierarchical social castes and legal categories that varied by region. In the North, Indian slave traders and missionaries pushed deep into the interior along Amazonian waterways. Within this context, the indigenous presence largely defined exchanges of language, belief, and everyday practice.

**Sharon Stephenson, W.K.T. Sahn Professor of Physics**, with student colleagues **Maria Mazza ’18** and **Peter Christ ’17**, presented a paper titled “Determining Fragmentation Dynamics through a Study of Neutron Multiplicity at the NSCL” at the “April” Meeting of the American Physical Society (APS), Washington, DC, January 28-31, 2017. This presentation builds on the analysis done by Maria and Peter to better understand the mechanisms of how high-energy radioactive beams interact with targets.

**Stephenson** chaired a mini-symposium titled “Instrumentation for Low Energy Nuclear and Neutrino Physics” at the “April” Meeting of the American Physical Society (APS), Washington, DC, January 28-31, 2017.

**Eileen Stillwaggon, Professor of Economics and currently Benjamin Franklin Professor of Arts and Sciences**, with colleague Victoria Perez-Zetune, presented a paper titled “Modeling Prenatal Screening and Early Treatment: Lifetime Costs of Congenital Chagas Disease” at the Division of Parasitic Diseases and Malaria, Centers for Disease Control and Prevention, Atlanta, GA, January 5, 2017. The work demonstrates that early diagnosis and treatment not only save lives and prevent disability, they also would save hundreds of millions of dollars per year if implemented in the United States.

**Stillwaggon** delivered an invited presentation titled “Congenital Toxoplasmosis: Maternal Screening is Cost-Saving” at the XVI Congreso Nacional de Ciencia y Tecnología, Panama City, Panama, October 19-22, 2016. I was invited to discuss my work on the costs of congenital toxoplasmosis (CT) in the United States and Austria because Panama has recently launched a national program to prevent infant injuries from CT.

**Isabel Valiela, Adjunct Associate Professor of Spanish and Women, Gender and Sexuality Studies**, presented a paper titled “The Distorted Lens: Immigrant Maladies and Mythical Norms in Edwidge Danticat’s *Breath, Eyes, Memory*” at the Bridges Across Cultures Conference sponsored by the International Studies Institute and Washington & Jefferson College, Florence, Italy, July 4, 2015. Exploring the immigrant experience of the main characters in Danticat’s novel through Audre Lorde’s concept of “The Mythical Norm,” this paper shows how the struggle of adjusting to multiple norms, from the characters’ native Haiti and from the U.S., takes a toll on their lives.

**Janelle Wertzberger, Assistant Dean and Director of Scholarly Communications, Musselman Library**, delivered an invited talk titled “Opening Access, Increasing Impact: IRs Are Ideal for Smaller Institutions” at Messiah College, Mechanicsburg, PA, November 16, 2016. At the invitation of the Provost’s Cabinet at Messiah College, Wertzberger showed how a small college community can benefit from an institutional repository.

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## DIGITAL PROJECTS

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**Mark Savage, Assistant Director, Center for Career Development**, with co-author Dean C. Millar, published *Ready to Launch Your Career: A Winning Process to Create Your Professional Career* (Upper Saddle River, NJ: Pearson, 2016). This e-book is a 14-chapter career-planning success guide for college students. Focusing on talents, interests, and values assessments, it incorporates market research on a range of career sectors that could align with students’ skills and interests. Students are also taught to prepare winning résumés and cover letters summarizing their qualifications to obtain internships and fulltime employment. This is the recommended text for the online Professional Skills Preparatory course that has been adopted by the State University of New York system.

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## PROFESSIONAL DISTINCTIONS AND AWARDS

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**Michael Birkner, Professor of History**, edited a work which is the subject of a new audio version available from Audible (University Press Audiobook, 2016). Charles M. Wiltse’s *Prosperity Far Distant: The Journal of an Ohio Farmer* (Athens: Ohio University Press, 2012) focused on the experiences of an Ivy League history Ph.D. who, unable to find an academic position during the Depression, instead spent a year on his family’s farm in South Central Ohio, documenting his experience in a daily diary.

**Caroline Hartzell, Professor of Political Science**, with Matthew Hoddie and Joe Everman, was awarded a National Science Foundation grant in the amount of \$447,802. The award is for a three-year project on “Power Sharing, Political Goods Provision and Post-Conflict Stability.”

**Betsy Lavolette, Lecturer and Director of the Language Resource Center**, has been elected Programs Director on the board of the International Association for Language Learning Technology (IALLT). This two-year position will begin in June 2017.

**Lavolette**, with staff colleagues **James Udden, Associate Professor of Interdisciplinary Studies**; **Laura Runyan, Director of Foundation Government and Faculty Grants**; and **Rebecca Bergren, Dean for Global Initiatives and Director of the Center for Global Education**, co-authored the proposal for a grant which was awarded to Gettysburg College in October 2016. The proposal was titled “The Impact of China’s Educational System from Beijing to Gettysburg,” and the grant will enable Gettysburg faculty and local K-12 teachers to travel to Beijing to study Mandarin Chinese and the Chinese educational system.

**Magdalena Sánchez, Professor of History**, was awarded a Hispanex grant from the Spanish Ministry of Culture and Education to conduct research in the Archivo General de Simancas, Valladolid, Spain. She is writing a biography of the Spanish infanta, Catalina Micaela, Duchess of Savoy (1567-1597), entitled *Matrimonio e intimidad en la Corte de Turín: La correspondencia de la Infanta Catalina Micaela y Carlo Emanuele I de Saboya* (“Marriage and Intimacy at the Court in Turin: The Correspondence of the Infanta Catalina Micaela and Carlo Emanuele I of Savoy”). The book is based primarily on Catalina’s correspondence with her husband, Carlo Emanuele I. Theirs was not only an intimate marriage—unusual for a marriage arranged for political reasons—but also a close partnership.

**Sánchez** was awarded a Short-Term Research Grant from the Renaissance Society of America (RSA) for her project “Marriage and Intimacy at the Court in Turin: The Correspondence of Catalina Micaela and Carlo Emanuele I of Savoy.” Thanks to this grant, Magdalena was able to conduct research in archives in Turin and Milan in October 2016. She is working on a scholarly biography of Catalina Micaela, the daughter of King Philip II of Spain. (See previous citation.)

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## PROFESSIONAL OR CREATIVE ACTIVITY

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**Vern Cisney, Visiting Assistant Professor of Philosophy**, posted “Provocations in Consideration of Thomas Nail’s *The Figure of the Migrant*” at *An und für sich: An Anomalous Humanities Blog*. This piece contributes to the blog’s book event engaging with Thomas Nail’s recent book, *The Figure of the Migrant*. I summarize the conceptual components of the first part of Nail’s book, and offer challenges to his work through the lenses of the philosophies of Gilles Deleuze and Giorgio Agamben.

**Russell McCutcheon, Associate Professor of Music and Director of Bands, Sunderman Conservatory of Music**, conducted the Atlantic Chamber Winds’ recording of *Cochran Chamber Commissioning Series, Volume II* (Mark Masters 51342-MCD, 2016). This is the second recording to result from a ten-year commissioning project which creates new chamber music appropriate to smaller college ensembles. The recording includes works by Daniel Bukvich, Rolf Rudin, Clark McAlister, and Michael Weinstein, each in its premiere recording.

**Megan Adamson Sijapati, Associate Professor of Religious Studies**, was invited to the University of Amsterdam in October 2017 to work with Dr. Tina Harris, of that institution's Department of Anthropology and the Amsterdam Institute for Social Science Research, to develop a grant proposal for six months of collaborative field research in India and Nepal. Sijapati and Harris co-authored a grant for the Council for American Overseas Research Centers (CAORC) to research issues of mobility, technology, and gender among Himalayan women on the Hajj.

**Sharon Stephenson, W.K.T. Sahm Professor of Physics**, posted "Eduard, Sasha and I Go to the Black Sea" at *Referential Magazine* (2016, online). This nonfiction essay is about friendship among physicists. It was first published in spring of 2014 in *Referential Magazine* and was selected for the "Best of *Referential Magazine*" special (and, sadly, final) edition.

**Jocelyn Swigger, Associate Professor of Music and Coordinator of Keyboard Studies, Sunderman Conservatory of Music**, with violinist Michael Jorgensen, played the complete duo sonatas of Johannes Brahms for piano and violin at the Zoellner Performing Arts Center, Bethlehem, PA, March 26, 2017. The Brahms sonatas are a cornerstone of the literature for violin and piano, and are rarely performed as a complete set.

**Swigger** performed the complete etudes of Frédéric Chopin in concert at the following venues: Music on the Boulevard Series, Westminster Presbyterian Church, West Hartford, CT, September 11, 2016; Period Piano Center, Redlands, CA, June 25, 2016; Jacobs Music, Philadelphia, PA, May 21, 2016; Hampton Presbyterian Church, Gibsonia, PA, May 10, 2016; Fort Lewis College, Durango, CO, April 10, 2016; Butler University, Indianapolis, IN, April 6, 2016; Dickinson College, Carlisle, PA, April 1, 2016; Carroll Community College, Westminster, MD, March 8, 2016; Hood College, Frederick, MD, February 14, 2016; Allegheny College, Meadville, PA, February 6, 2016; York College, York, PA, January 29, 2016; and Dawson Community College, Glendive, MT, January 21, 2016. Rarely performed as a complete set, the Chopin etudes are some of the most famously difficult works in the literature for the piano.

**Swigger** performed selections from the Chopin etudes in concert at the following venues: solo Musical Chairs concert, Frederick Historical Piano Collection, Ashburnham, MA, April 16, 2016; solo recital, Tuesday Concert Series, Church of the Epiphany, Washington DC, May 24, 2016; and showcase, Namei International Music Festival, Alice Tully Hall, Lincoln Center, New York, NY, July 31, 2016.

**Swigger**, with Grammy Award-winning clarinetist Michael J. Maccaferri, played Schubert's *Shepherd on a Rock* at the Summer Chamber Music Series, Roland Park, MD, July 26, 2016.

**Swigger** played the first piano part in the Pennsylvania Youth Ballet's performance of Camille Saint-Saëns's *The Carnival of the Animals* at the Zoellner Performing Arts Center, Bethlehem, PA, June 3, 2016.

**Swigger**, with violinist Michael Jorgensen, played sonatas and duos for piano and violin by Beethoven, Dvořák, Mozart, Stravinsky, and Pärt at the Zoellner Performing Arts Center, Bethlehem, PA, March 20, 2016.



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