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The Faculty Notebook, April 2018

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The Faculty Notebook, April 2018

Abstract

The Faculty Notebook is published periodically by the Office of the Provost at Gettysburg College to bring to the attention of the campus community accomplishments and activities of academic interest. Faculty are encouraged to submit materials for consideration for publication to the Associate Provost for Faculty Development. Copies of this publication are available at the Office of the Provost.

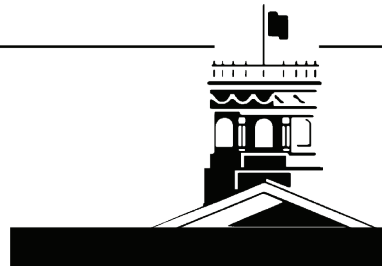
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The FACULTY



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Notebook

PUBLICATIONS

Christopher Barnes, Scholarly Communications Librarian, with co-authors Karen A. Reiman-Sendi and Pamela J. MacKintosh, published “Leveraging Student Employee Expertise for Collection Projects” in *Collection Management* (March 20, 2018, online). This article offers librarians practical advice on how to match the interests and experience of their student employees with a range of collection-related projects, from outreach and resource evaluation to weeding and selection.

Kathy R. Berenson, Assistant Professor of Psychology, with student co-authors **Cara Dochat '13** and **Christiana G. Martin '13**, and co-authors Xiao Yang, Eshkol Rafaeli, and Geraldine Downey, published “Identification of Mental States and Interpersonal Functioning in Borderline Personality Disorder” in *Personality Disorders: Theory, Research, and Treatment* 9.2 (March 2018): 172-181. We examined three measures of the ability to read how other people are feeling, as well as their associations with experience-sampling measures of interpersonal functioning, in participants with borderline personality disorder relative to healthy and clinical comparison groups. Results suggest that enhanced detection of social threat contributes to interpersonal problems and distress in borderline personality disorder.

Berenson published *Managing Your Research Data and Documentation* (New York: American Psychology Association, 2017). Published as part of the APA’s series of *Concise Guides to Conducting Behavioral, Health, and Social Science Research*, this book presents a straightforward approach to managing and documenting data so that studies may be replicated by future researchers.

Berenson, with co-authors Avigal Snir, Eran Bar-Kalifa, Eshkol Rafaeli, and Geraldine Downey, published “Affective Instability as a Clinical Feature of Avoidant Personality Disorder” in *Personality Disorders: Theory, Research, and Treatment* 8.4 (October 2017): 389-395. Experience-sampling diary research found evidence for more unstable (widely-fluctuating) emotions among individuals with avoidant personality disorder than among healthy individuals, thereby highlighting an aspect of the disorder that has received little attention in the research or treatment literature.

Berenson, with student co-author **Rachel L. Clasing '15** and co-author William D. Ellison, published “Age Differences in the Desirability of Narcissism” in *Journal of Individual Differences* 38.4 (2017): 230-240. Two studies demonstrated that young adults evaluate narcissistic traits less negatively, and non-narcissistic traits less positively,

than somewhat older adults do. These results contribute to the growing literature on age differences in narcissism, and have potential to help facilitate cross-generational understanding.

Temma Berg, Professor of English and Women, Gender, and Sexuality Studies, published “The Business of Coqueting” in *Brontë Studies* 43.1 (2017): 61-70. This paper treats the business of coqueting, usually deemed detrimental for women and men, but arguably essential for Brontë as she pursued the business of literature. Prof. Berg was also Guest Editor of this Special Issue, dedicated to the Brontë Society Bicentenary Conference in 2016, whose theme was “. . . the business of a woman’s life . . .”

Emily Besecker, Assistant Professor of Health Sciences, with co-authors Amanda R. White and Gregory M. Holmes, published “Diminished Gastric Prokinetic Response to Ghrelin in a Rat Model of Spinal Cord Injury” in *Neurogastroenterology and Motility: The Official Journal of the European Gastrointestinal Motility Society* (December 5, 2017, online). Patients with high-level spinal cord injury often present with delayed gastric emptying and early satiety. Endogenous ghrelin is released from the stomach to signal feeding commencement, and exogenous ghrelin has been shown to promote gastric emptying and feeding behaviors. Therefore, ghrelin receptor agonists have the potential to serve as therapeutic agents for patients with gastroparesis. However, in our model of spinal cord injury, we found diminished sensitivity and reduced responsiveness to ghrelin.

Emelio Betances, Professor of Sociology and Latin American, Caribbean, and Latino Studies, published “Joaquín Balaguer en la política y la sociedad dominicana contemporánea” in *Global: The Magazine of the Global Foundation for Democracy and Development* 74-76 (June 2017): 72-84. Focusing on Joaquín Balaguer, seven-time president of the Dominican Republic, this article puts his political regimes in historical context, claiming that he was not the “father of Dominican democracy,” but rather an authoritarian ruler who inhibited the development of democracy by coopting or repressing those who opposed his regime.

Michael Birkner, Professor of History, published “‘Not So Fine’: Governor John Fine and the 1952 Republican Nominating Struggle in Pennsylvania” in *Pennsylvania History: A Journal of Mid-Atlantic Studies* 85.1 (Winter 2018): 90-121. This article examines the significance of Pennsylvania in the highly competitive Republican presidential nomination contest in 1952, with particular focus on Governor John Fine’s failed “kingmaker” role at the national convention in Chicago that nominated Dwight D. Eisenhower for president.

Franziska Boehme, Visiting Assistant Professor of Political Science, published “Exit, Voice and Loyalty: State Rhetoric about the International Criminal Court” in *The International Journal of Human Rights* (October 16, 2017, online). Using content analysis of country statements about the International Criminal Court (ICC), this article provides a first comprehensive portrait of what states like and dislike about the Court. I show that support for the Court remains high cross-regionally and longitudinally, and that, while states criticize the Court, they find more faults with the United Nations Security Council and other states for their lack of cooperation with the ICC.

Alice Brawley, Assistant Professor of Management, published “The Big, Gig Picture: We Can’t Assume the Same Constructs Matter” in *Industrial and Organizational*

Psychology 10.4 (2017): 687-696. This article examines a traditional theory of work motivation in the current context of the gig economy (much more short-term work, often on tech-based platforms). Results suggest that we should carefully consider what is and is not applicable from “regular” work research to motivating gig workers.

John Cadigan, Professor and currently **Chair, Department of Economics**, with student co-author **John Weis ’14**, and co-authors Pamela Schmitt and Kurtis Swope, published “Endowment Effects and Contribution Strategies in Public Good Experiments” in *Archives of Psychology* 1.1 (October 2017, online). We examine the impact of alternative endowment structures on public goods giving in a standard VCM experiment. This paper is a revised version of the honors thesis submitted by John Weis.

Vern Cisney, Visiting Assistant Professor of Philosophy, with co-editors Daniel W. Smith and Nicholae Morar, published *Living Currency* (New York: Bloomsbury, 2017). This first English translation of Pierre Klossowski’s *La monnaie vivante* (1970) offers an analysis of economic production as a mechanism of psychic production of desires, and is a key work from this often overlooked but wonderfully creative French thinker. As well as co-editor, I am (with Smith and Morar) co-translator of the main piece in the volume, also titled “Living Currency.”

Ricardo Conceição, Assistant Professor of Mathematics, with co-authors Rubens S. Gondim and M. Rodriguez, published “On a Frobenius Problem for Polynomials” in *Rocky Mountain Journal of Mathematics* 47.5 (2017): 1427-1462. In this work, we extend a classical problem in Number Theory, known as the Frobenius Diophantine problem, to the world of polynomials over a field. Although we show that many of the classical results translate in a natural way to this new setting, we also provide examples and new phenomena that are intrinsic to the ring of polynomials. Additionally, we give an algorithm to compute the “Frobenius degree” of a list of polynomials.

Bret Crawford, Professor of Physics and Astronomy, with student co-author **Scott Magers ’15**, and co-authors Christopher Haddock, Walter Fox, Ian Francis, Adam Holley, Murad Sarsour, W. Michael Snow, and John Vanderwerp, published “Slotted Rotatable Target Assembly and Systematic Error Analysis for a Search for Long Range Spin Dependent Interactions from Exotic Vector Boson Exchange Using Neutron Spin Rotation” in *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 885 (March 21, 2018, online): 105-113. The Neutron Spin Rotation collaboration measures minute rotations in the spins of polarized neutrons to detect effects from hard-to-measure fundamental forces. This paper describes a target system that allows searches for exotic spin-dependent forces. The paper also discusses how systematic errors are handled in this high-precision measurement.

Felicia Else, Associate Professor and currently **Chair, Department of Art and Art History**, published “Fountains of Wine and Water and the Refashioning of Urban Space in the 1565 Entrata of Florence” in *Architectures of Festival: Fashioning and Re-Fashioning Urban and Courtly Space in Early Modern Europe*, edited by J.R. Mulryne, Krista De Jonge, Pieter Martens and Richard Morris (New York: Routledge, 2018). This study examines fountains of wine and water staged for the Entry of Johanna of Austria into Florence in 1565, including the famous Fountain of Neptune by Bartolommeo

Ammannati in the Piazza della Signoria. The interaction with urban space is examined in this important Medici event as well as the international tradition of wine fountains that the festival organizer and artists had drawn upon.

Charles F. Emmons, Professor of Sociology, published *Chinese Ghosts Revisited: A Study of Paranormal Beliefs and Experiences* (Hong Kong: Blacksmith Books, 2017). This is an update of a study, first published 35 years ago, of ghosts and other paranormal beliefs and experiences in Hong Kong. The basic finding is that in spite of cultural differences, ghost experiences in Hong Kong are very much the same as in the West. (Now available in Hong Kong, this edition will soon be available in the US and UK.)

Peter Fong, Professor of Biology, with student co-authors **Janine M. Barr '15**, **Julia R. Palmucci '18**, and **Olivia J. Lambert '19**, published "Exposure to the Antifouling Chemical Medetomidine Slows Development, Reduces Body Mass, and Delays Metamorphosis in Wood Frog (*Lithobates sylvaticus*) Tadpoles" in *Environmental Science and Pollution Research* (January 31, 2018, online): 1-6. Water pollution is partly responsible for the world-wide decline of amphibian species. Our experiments revealed that a new class of antifouling chemicals which prevent the attachment of organisms to ships is toxic to amphibian tadpoles, causing them to grow slowly and metamorphose at lighter body weights, and extending the time it takes for them to become frogs. We discuss the environmental implications of exposing threatened species like amphibians to antifouling chemicals.

Shelli Frey, Associate Professor of Chemistry, with co-first author Erik B. Watkins, and co-authors Eva Y. Chi, Kathleen D. Cao, Tadeusz Pacuszka, Jaroslaw Majewski, and Ka Yee C. Lee, published "Enhanced Ordering in Monolayers Containing Glycosphingolipids: Impact of Carbohydrate Structure" in *Biophysical Journal* 114.5 (2018): 1103-1115. The influence of carbohydrate structure on the ordering of glycosphingolipids (GSL, a type of lipid with an attached carbohydrate) and surrounding phospholipids was investigated in monolayers at the air-water interface using x-ray scattering methods. Our findings indicate that GSL-containing mixtures, regardless of the carbohydrate size, enhance the ordering of the surrounding lipids; these results have implications regarding the dynamic ordering of the components of cell membranes.

Frey, with student co-author **Warren A. Campbell IV '15**, and co-authors Maxmore Chaibva, Xiang Gao, Pranav Jain, and Justin Legleiter, published "Sphingomyelin and GM1 Influence Huntingtin Binding to, Disruption of, and Aggregation on Lipid Membranes" in *ACS Omega* 3.1 (2018): 273-285. Huntington disease is an inherited neurodegenerative disease caused by the expansion beyond a critical threshold of an amino tract near the N-terminus of the huntingtin protein that results in protein aggregation and subsequent toxicity. This work focused on the role of cell membrane composition and its subsequent effects on membrane material properties; certain lipids were found to strongly influence huntingtin binding and aggregation on lipid membranes. Research was conducted in collaboration with the lab of Justin Legleiter of West Virginia University.

Tim Good, Ronald J. Smith Professor of Applied Physics, Department of Physics and Astronomy, with co-authors E. Aguirre, E. Scime, and D. Thompson, published "Spatial Structure of Ion Beams in an Expanding Plasma" in *Physics of Plasma* 24.12 (December 2017,

online). This article, featured at the *PoP* website, reports experiments aimed at measuring ion flow fields in spatially weakening magnetic fields. Ion acceleration mechanisms investigated by laser-induced fluorescence spectroscopy are relevant in astrophysical plasma phenomena like the aurora, as well as in ion thruster engines used in spacecraft.

Good, with co-authors Derek S. Thompson, Miguel F. Henriquez, and Earl E. Scime, published “Confocal Laser Induced Fluorescence with Comparable Spatial Localization to the Conventional Method” in *Review of Scientific Instruments* 88.10 (2017, online). The article describes a novel optical telescope that is employed in the measurement of laser induced fluorescence spectroscopy in plasma. This diagnostic tool reveals plasma ion characteristics of density, flow velocity, and temperature.

Allen Guelzo, Henry R. Luce Professor of the Civil War Era and Director of Civil War Era Studies, with co-author James Hulme, published “In Defense of the Electoral College” in *Picking the President: Understanding the Electoral College*, edited by Eric Burin (Grand Forks, ND: The Digital Press at the University of North Dakota, 2017).

Guelzo published “Allen C. Guelzo on Reconstruction: An Interview with Sara Gabbard” in *Lincoln Lore* 1916 (Fall 2017): 5-12.

Guelzo published “Defending Reconstruction” in *Claremont Review of Books* 17 (Spring 2017).

Guelzo, with Brianna Kirk, published “The Hancock-Walker Correspondence on Gettysburg” in *Gettysburg Magazine* 56 (February 2017): 53-73.

Guelzo published “Play American” in *First Things: A Monthly Journal of Religion and Public Life* (January 2017).

Caroline A. Hartzell, Professor of Political Science, published “Bargaining Theory, Civil War Outcomes, and War Recurrence: Assessing the Results of Empirical Tests of the Theory” in *Oxford Research Encyclopedias – Politics* (September 2017, online). The article analyzes bargaining theory, which posits that bargaining problems may prevent belligerents from reaching a deal that enables them to avoid a costly war. It goes on to highlight some of the limitations inherent in employing a theory devised for the study of interstate war to analyze questions related to civil wars.

Sherm Hendrix, Professor Emeritus of Biology, with co-author Bernard Fried, published “In Memoriam: Jane Eva Huffman Roscoe B.A., M.A., Ph.D., M.P.H., C.W.F.S.” in *The Journal of Parasitology* 103.6 (2017): 804-806; and in *The Journal of the Pennsylvania Academy of Science* 91.2 (2017): 134-138. This is a tribute to a distinguished professional colleague, Jane Eva Huffman-Roscoe of East Stroudsburg University, whose career was cut short by cancer.

Rachel Lesser, Visiting Assistant Professor of Classics, published “The Pandareids and Pandora: Defining Penelope’s Subjectivity in the *Odyssey*” in *Helios* 44.2 (2017): 101-132. This paper examines Penelope’s wish to die like the mythical Pandareids and her positioning as a Pandora-figure in the last third of the *Odyssey*. I argue that these episodes present Penelope as controlled by external forces, yet nevertheless possessing an independent will – one that is defined by loyalty to Odysseus and Telemachus, and that therefore supports rather than undermines the epic’s patriarchal ideology.

Kimberly Longfellow '16, Intern, Center for Global Education, published “Social Movements and Memory: Education, Age, and Memories of the Women’s Movement” in *Gettysburg Social Sciences Review* 1.1 (2017, online). This article analyzes the role of various social and demographic factors on the process of collective memory formation. Specifically, it examines how factors such as age and education level influenced who was more likely to recall the Women’s Movement as one of the most significant events of twentieth century American history, and how the influence of these factors changed over time.

Larry Marschall, Professor Emeritus of Physics and Astronomy, edited “Astronomy” in *The World Almanac and Book of Facts* (New York: World Almanac Books, 2018). This entry is an annual compilation of astronomical data and information, including celestial events, highlights, moon phases, eclipses, data on planets and satellites, etc.

Daniel McCall, Associate Professor of Psychology, with staff co-author **Nathalie Goubet, Professor of Psychology**, and co-authors Karine Durand and Benoist Schaal, published “Seeing Odors in Color: Cross-Modal Associations in Children and Adults from Two Cultural Environments” in *Journal of Experimental Child Psychology* 166 (2018): 380-399. This study examined how odors evoke associations with colors. We catalogued the development of this phenomenon in 6-to-10-year-old children and adults, and compared French and American participants to examine how cultural familiarity with odors impacts odor-color associations.

Brian Meier, Professor of Psychology, with co-authors Sara Konrath and Brad J. Bushman, published “Development and Validation of the Single Item Trait Empathy Scale (SITES)” in *Journal of Research in Personality* 73 (April 2018): 111-122. Empathy involves feeling compassion for others and imagining how they feel. We conducted seven studies (N = 5,724) and developed and validated the Single Item Trait Empathy Scale (SITES), which contains only one item that takes seconds to complete.

Meier, with co-authors Adam K. Fetterman and Michael D. Robinson, published “Dispositional Properties of Metaphor: The Predictive Power of the Sweet Taste Metaphor for Trait and Daily Prosociality” in *Journal of Individual Differences* 38 (2017): 175-188. Three studies revealed that individual differences in sweet food preferences and consumption predicted prosocial feelings and behavior in a metaphor-consistent manner.

Salma Monani, Associate Professor of Environmental Studies, with staff co-author **Sarah Principato, Professor of Environmental Studies**, and student co-authors **Dori Gorczyca '15** and **Elizabeth Cooper '17**, published “Loving Glacier National Park Online: Virtual Place Based Attachment as Climate Change Communication” in *The Handbook of Climate Change Communication Vol 3: Case Studies*, edited by Walter Leal Filho, Dr. Evangelos Manolas, Prof. Anabela Marisa Azul, Prof. Dr. Ulisses M. Azeiteiro, and Henry McGhie (New York: Springer, 2018). This study evaluates the use of place attachment and recommends best practices for the use of this tool in communicating climate change online. It focuses on the case study of Glacier National Park, Montana, USA.

Monani, with staff co-author **Rud Platt, Professor** and currently **Chair, Department of Environmental Studies**, and co-author Micaela Edelson, published “Migrant

Farmworkers' Perceptions of Pesticide Risk Exposure in Adams County, Pennsylvania: A Cultural Risk Assessment" in *Journal of Agriculture, Food, and Development Community* 8.1 (2018, online). This article adapts the Health Belief Model as our cultural risk assessment frame to understand farmworker pesticide risk exposure in the apple orchards of Adams County, Pennsylvania.

Monani published "The Cosmological Liveliness of Terril Calder's *The Lodge*: Animating our Relations and Unsettling our Cinematic Spaces" in *Studies in American Indian Literature (SAIL)* 29.4 (Winter 2017): 1-28. By focusing on the animation feature *The Lodge*, by Métis artist Terril Calder, this essay joins conversations in ecocinema studies, Indigenous studies, and animation studies.

Sahana Mukherjee, Assistant Professor of Psychology, with co-authors Laura Van Berkel and Ludwin E. Molina, published "Gender Asymmetry in the Construction of American National Identity" in *Psychology of Women Quarterly* 41.3 (2017): 352-367. Across two studies, we found that men and masculinity were considered more American than women and femininity.

Douglas Page, Visiting Assistant Professor of Political Science, published "When Does Sexuality-Based Discrimination Motivate Political Participation?" in *Political Psychology* (December 13, 2017, online). Existing political behavior research suggests that discrimination motivates political participation. In an analysis of surveys of thirty European countries, I show that those reporting sexuality-based discrimination are more likely to participate in Western Europe, where sexual minority groups have more opportunities to support each other. In Eastern Europe, where there are fewer opportunities for support and higher levels of discrimination, those reporting sexuality-based discrimination are not more likely to participate.

VoonChin Phua, Professor and currently **Chair, Department of Sociology**, with student co-authors **Chrisbell Jimenez Sosa '17** and **Katie Aloisi '17**, published "Males Prefer Younger Females: Age Preference Among Online Daters in the Dominican Republic" in *Sexuality and Culture* 22.1 (2017): 39-47. In this study, we examined age preferences expressed by online daters in the Dominican Republic, and found that men prefer younger women. This is consistent with earlier studies in other countries.

Rud Platt, Professor and currently **Chair, Department of Environmental Studies**, with co-authors David Manthos and John Amos, published "Estimating the Creation and Removal Date of Fracking Ponds Using Trend Analysis of Landsat Imagery" in *Environmental Management* (January 5, 2018, online): 1-11. Have you ever looked at a Google Earth image of Pennsylvania and seen a football field-size polychromatic pool of water? You've likely just come across an impoundment for storing water from hydraulic fracturing. This research paper describes a novel method for tracking impoundments over time using imagery from space.

Dave Powell, Associate Professor of Education, published "Brother, Can You Paradigm? Toward a Theory of Pedagogical Content Knowledge in Social Studies" in *Journal of Teacher Education* (June 6, 2017, online). This article examines why it has been so difficult to develop a workable framework for defining teacher knowledge in social studies, and proposes what might be done to move toward establishing such a framework.

Sarah Principato, Professor of Environmental Studies, with student co-authors **Heather Ipsen '16, Rachael Grube '16, and Jessica Lee '13**, published “Spatial Analysis of Cirques from Three Regions in Iceland: Implications for Cirque Formation and Palaeoclimate” in *Boreas* 47.2 (April 2018): 565-576. We present the first comprehensive analysis of cirques from three different areas of Iceland. Cirques are depressions created by small glaciers, and the formation of cirque glaciers is very sensitive to climate change. We found that the distance to coastline is the most important parameter in determining the past equilibrium line altitude of cirque glaciers.

Principato, with co-authors Ian Spooner, Nicholas Hill, Hilary White, Dewey Dunnington, Tom Neily, and Susann Stolze, published “Late Holocene Records of Changing Moisture Regime from Wetlands in Southwestern Nova Scotia, Canada: Implications for Wetland Conservation and Restoration” in *Northeastern Naturalist* 24.3 (2017): 331-348. In this study, we examined peat bog deposits to interpret paleoclimate over the last ~5000 years. We found a late Holocene transition to moister climate conditions after ~ 3000 years, and new, previously unrecognized transitions were documented. This study has important implications for the habitat of Eastern Mountain Avens and Blanding’s Turtle.

Paul Redfern, formerly **Executive Director of Communications and Marketing**, with staff co-author **Jamie Yates, Executive Director of Communications and Media Relations, Communications and Marketing**, and co-author Keri Rursch, published “Communicating You Are Worth It in a Noisy Marketplace” in *Journal of Education Advancement and Marketing* 2.2 (Autumn/Fall 2017): 144-153. This article offers specific examples of common elements needed for communicating the value proposition of liberal arts colleges to prospective students and families. It also suggests tactics to develop the key partnerships needed and provides metrics for how leaders can assess their value proposition initiatives.

Marta Robertson, Associate Professor of Music, published “Ballad for Incarcerated Americans: Second Generation Japanese American Musicking in World War II Camps” in *Journal of the Society for American Music* 11.3 (August 2017): 284-312. Through ethnographic interviews, I explore how fragile youthful memories, trauma, and the soundscape of the Japanese American incarceration camps during World War II shaped the artistic trajectories of three former “enemy aliens.” Paradoxically, many American-born, second-generation youth asserted their dual cultural commitment to both traditional Japanese and home-front patriotic American music and dance in the camps.

John Rudy, Adjunct Instructor of Civil War Era Studies, published “‘Those Things of the Past’: The Storer Community and the ‘Faithful Slave’ Monument” in *Storer College: To Emancipate the Mind and Soul*, edited by Catherine Balda (Harpers Ferry, WV: Harpers Ferry Park Association, 2017). This piece chronicles the struggle between Storer College choir director Pearl Tatten, the West Virginia HBCU’s administration, and the Daughters of the Confederacy over the dedication of an incendiary monument in 1931.

Rudy published “From Tokenism to True Partnership: The National Park Service’s Shifting Interpretation at the Civil War’s Sesquicentennial” in *Interpreting the Civil War at Museums and Historic Sites*, edited by Kevin M. Levin (Lanham, MD: Rowman and Littlefield, 2017). Critically reviewing the National Park Service’s efforts to celebrate

the 15th anniversary of the Civil War, this piece seeks to push the field of heritage interpretation toward incorporating audience voices and radically divergent perspectives.

Richard Russell, Associate Professor of Psychology, with co-authors Aurélie Porcheron, Emmanuelle Mauger, Frédérique Soppelsa, Yuli Liu, Liezhong Ge, Olivier Pascalis, and Frédérique Morizot, published “Facial Contrast is a Cross-Cultural Cue for Perceiving Age” in *Frontiers in Psychology* 8:1208 (July 25, 2017, online). We found that facial contrast (the color and luminance differences between the facial features and the surrounding skin) declines with age in very similar ways in four different racial/ethnic groups. Both French and Chinese participants made use of these age-related contrast differences when perceiving how old faces appear.

Russell, with student co-author **Sarah S. Kramer ’17**, and staff co-author **Alex L. Jones**, published “Facial Contrast Declines with Age but Remains Sexually Dimorphic throughout Adulthood” in *Adaptive Human Behavior and Physiology* 3.4 (2017): 293-303. In a large sample of German faces, we found that facial contrast (the color and luminance differences between the facial features and the surrounding skin) declines with age in very similar ways across both male and female faces. We also found that previously described sex differences in facial contrast are found in middle-aged and older adult faces as well as young adult faces.

Russell published “The Illusion of Sex” in *The Oxford Compendium of Visual Illusions*, edited by Arthur G. Shapiro and Dejan Todorovic (New York: Oxford University Press, 2017). This chapter describes the scientific relevance of a popular visual illusion that I first published several years ago.

Juliette Sebock ’18, English major, published *Mistakes Were Made: A Poetry Collection* (CreateSpace Independent Publishing, 2017). This chapbook features a selection of poems crafted over several years, focusing on themes of love, loss, regret, and learning.

Stephanie Sellers, Adjunct Associate Professor of English, published “Writing the Good Fight” in *Weaving the Legacy: Remembering Paula Gunn Allen*, edited by Stephanie Sellers and Menoukha Case (Albuquerque: West End Press, 2017). This chapter discusses the challenges many Native American Studies scholars experience in academia, and why the Eurocolonial narrative of America continues largely uncontested at the university level. Sellers recounts some of her personal experiences decolonizing the Ivory Tower, and points to ways in which K-12 and higher education curricula can finally lead America out of the Columbus era.

Sellers published “Confluences and Crossbloods on Turtle Island” in *Americana: E-Journal of American Studies in Hungary* 8.1(Spring 2017, online). Colonial narratives of Indigenous identity still prevail in America, especially in academic curricula. To counter those narratives, Native American scholars and literary artists, like the late Paula Gunn Allen (Laguna Pueblo) and Gerald Vizenor (Ojibwe), have provided ways to conceptualize and name the complex and rich identities that so many Indigenous peoples carry today – and to do so with pride. Allen’s and Vizenor’s “new” ways are actually traditional Native practices.

Tim Shannon, Professor and currently **Chair, Department of History**, published *Indian Captive, Indian King: Peter Williamson in America and Britain* (Cambridge,

MA: Harvard University Press, 2018). This is the first scholarly biography of Peter Williamson, an eighteenth-century Scot who claimed to have suffered serial captivities in North America as an indentured servant, Indian captive, and prisoner of war, before returning to Britain and earning his living as an Indian impersonator and coffeehouse proprietor. The book offers a perspective on British imperial expansion in eighteenth-century America from the “bottom up,” using Williamson to examine plebian experiences with migration, servitude, military service, and the Enlightenment.

Nikki Shariat, Assistant Professor of Biology, with co-authors Dorothy Vosik, Deepanker Tewari, Lisa Dettinger, and Nkuchia M. M'ikanatha, published “CRISPR Typing and Antibiotic Resistance Correlates with Polyphyletic Distribution in Human Isolates of *Salmonella* Kentucky” in *Foodborne Pathogens and Disease* 15.2 (February 1, 2018, online). Analysis of CRISPR elements was employed to distinguish two evolutionary lineages of *Salmonella*. These lineages exhibit very different antibiotic resistant profiles, with implications to public health.

Carolyn Snively, Professor of Classics, with co-author Goran Sanev, published “Life – and Death – in the Late Antique City at Konjuh” in *Acta Musei Tiberiopolitani* 2 (Strumica, 2018): 157-163. Although our excavations at the site of Golemo Gradište, Konjuh, have taken place almost entirely within the Late Antique city, several burials were found in the urban area. The graves and analysis of the skeletons in them have provided information about the people who lived and died there.

Eileen Stillwaggon, Professor of Economics and Benjamin Franklin Professor in the Liberal Arts and Sciences, with co-author Larry Sawers, published “Understanding HIV/AIDS in the African Context” in *Foundations of Global Health: An Interdisciplinary Reader*, edited by Peter J. Brown and Svea Closser (New York: Oxford University Press, 2017). For this book of readings intended for courses in Global Health, the editors asked Prof. Stillwaggon to contribute a chapter summarizing her years of work on the spread of HIV/AIDS in populations among whom bacterial, fungal, parasitic, and viral diseases are extremely common, particularly in sub-Saharan Africa. Her work has demonstrated that differences in behavior cannot explain differences in HIV rates between world regions.

Yan Sun, Professor of Art and Art History, with co-authors Katheryn M. Linduff, Wei Cao, and Yuanqing Liu, published *Ancient China and its Eurasian Neighbors: Artifacts, Identity and Death in the Frontier, 3000–700 BCE* (Cambridge: Cambridge University Press, 2017). This volume examines the role of objects in the region north of early dynastic state centers, at the intersection of Ancient China and Eurasia – a large area that stretches from Xinjiang to the China Sea – from c. 3000 BCE to the mid-eighth century BCE. This area was a frontier, an ambiguous space that lay at the margins of direct political control by the metropolitan states, where local and colonial ideas and practices were reconstructed transculturally. These identities were often merged and displayed in material culture. Types of objects, styles, and iconography were often hybrids or new to the region, as were the tomb assemblages in which they were deposited and found. Patrons commissioned objects that marked a symbolic vision of place and person and that could mobilize support, legitimize rule, and bind people together. Through close examination of key artifacts, this book untangles the considerable changes in political structure and cultural makeup of ancient Chinese states and their northern neighbors.

Brent Talbot, Associate Professor of Music and Coordinator of Music Education, Sunderman Conservatory of Music, with student co-author **Edward Holmes '18**, published “Towards a More Inclusive Music Education: Experiences of LGBTQQIAA Students in Music Teacher Education Programs across Pennsylvania” in *PMEA News* 82.2 (2017): 60-63. This research examines the experiences of LGBTQQIAA students in music teacher education programs across Pennsylvania.

Talbot edited *Marginalized Voices in Music Education* (New York: Routledge, 2018). This book explores the American culture of music teaching and learning by looking at marginalization and privilege in music education as a means to critique prevailing assumptions and paradigms. In ten contributed essays, authors set out to expand notions of who we believe we are as music educators and who we want to become. This collection of perspectives by some of the leading and emerging thinkers in the profession identifies cases of individuals or groups who have experienced marginalization. It shares diverse stories in a struggle for inclusion, with the goal to begin or expand conversation in undergraduate and graduate courses in music teacher education. Through the telling of these stories, the authors hope to recast music education as fertile ground for transformation, experimentation, and renewal.

Paula Trillo, Assistant Professor of Biology, with co-authors Andrea E. Narvaez, Santiago R. Ron, and Kim L. Hoke, published “Mating Patterns and Post-Mating Isolation in Three Cryptic Species of the *Engystomops petersi* Species Complex” in *PloS One* 12.4 (April 7, 2017, online). In this paper, we studied mating patterns, propensity to hybridize in nature, and subsequent fertilization rate of three closely related species of neotropical frogs. We found that while some of these species do hybridize in nature, the cross-pairs experience a reduced fertilization, thus maintaining the barrier between species.

James Udden, Professor of Interdisciplinary Studies and Professor and Chair, Cinema and Media Studies, published *No Man an Island: The Cinema of Hou Hsiao-hsien*, 2nd Edition (Hong Kong: Hong Kong University Press, 2017). This revised paperback edition of a book first published in 2009 includes an updated final chapter about Hou’s winning the Best Director Prize at Cannes in 2015 for his latest film, *The Assassin*.

David Walsh, Assistant Professor of Religious Studies, published “Spiritual Not Religious, Dene Not Indigenous: Dene Environmental Relationships as Local Traditions” in *Handbook of Indigenous Religion(s)*, edited by Greg Johnson and Siv Ellen Kraft (Leiden, Netherlands: Brill, 2017). This chapter examines how ideas of religion and identity are constructed in various ways among the Dene of northern Canada. I conclude that Dene use Western religious terminology when articulating an expansive identity as “indigenous,” but drop this terminology when identity is posited in more specific terms of the Dene nation. Rather than explicitly religious terminology, my consultants use phrases like “way of life” and focus on social relationships with non-human beings.

Janelle Wertzberger, Assistant Dean and Director of Scholarly Communications, Musselman Library, with staff colleague **R.C. Meissler, Systems Librarian, Musselman Library**, published “Dreaming Big: Library-Led Digital Scholarship for Undergraduates at a Small Institution” in *Undergraduate Research and the Academic Librarian: Case Studies and Best Practices*, edited by Stephanie Davis-Kahl and Merinda

Kaye Hensley (Chicago: Association of College and Research Libraries, 2017). Gettysburg College's Digital Scholarship Summer Fellowship is a library-led, high-impact learning experience for undergraduates. This chapter describes the inception and development of the fellowship, the successes and challenges of working with the first cohort in 2016, and plans for future iterations of the program.

REVIEWS

Abou B. Bamba, Associate Professor of History and currently Chair, Department of Africana Studies, reviewed *Africa and France: Postcolonial Cultures, Migration, and Racism*, by Dominic Thomas, in *Journal of West African History* 3.2 (Fall 2017): 203-205. In my review, I suggest that this book uses a skillful application of comparative literature methodology to analyze the transnational and entangled histories of France and Africa in the so-called age of globalization. Divided into ten chapters, the book touches on a vast range of interrelated topics, including museology, migration, racism, the study of law, and what is known in some circles as postcolonial literature. I conclude my assessment by offering that if the aim of Dominic Thomas was to “complicate French and European debates on identity and singularity,” there is no doubt that his incisive study has brilliantly succeeded.

Bamba reviewed *Decolonization: A Short History*, by Jan C. Jansen and Jürgen Osterhammel, translated by Jeremiah Riemer, in *World History Connected* 14.3 (2017, online). In this review, I argue that Jansen and Osterhammel provide a solid survey of the historiography of the end of empires in the twentieth century. The book is likely to be a wonderful resource for teachers.

Allen Guelzo, Henry R. Luce Professor of the Civil War Era and Director of Civil War Era Studies, reviewed *Chief Engineer: Washington Roebling, The Man Who Built the Brooklyn Bridge*, by Erica Wagner, in *The Wall Street Journal* (June 29, 2017).

Guelzo reviewed *Wrestling with His Angel: The Political Life of Abraham Lincoln Vol. II, 1849-1856*, by Sidney Blumenthal, and *Six Encounters with Lincoln: A President Confronts Democracy and Its Demons*, by Elizabeth Brown Pryor, in *Washington Monthly* (June/July/August 2017).

Guelzo reviewed *Grant*, by Ron Chernow, in *National Review* (October 30, 2017).

Guelzo reviewed *The Thin Light of Freedom: The Civil War and Emancipation in the Heart of America*, by Edward L. Ayers, in *The Wall Street Journal* (November 8, 2017).

Rachel Lesser, Visiting Assistant Professor of Classics, reviewed *Homer's Iliad: The Basel Commentary, Book XIX*, by Marina Coray, translated by Benjamin W. Millis and Sara Strack, edited by S. Douglas Olson, in *Bryn Mawr Classical Review* (April 25, 2017, online). This commentary on Book 19 of Homer's *Iliad* is part of a new authoritative German series that is now being published in English.

Kerry Wallach, Associate Professor and currently **Chair, Department of German Studies**, reviewed *Violent Sensations: Sex, Crime, and Utopia in Vienna and Berlin, 1860-1914*, by Scott Spector, in *German Studies Review* 41.1 (February 2018): 178-180. This book examines the role of violent fantasies in mass culture in the decades prior to World War I, arguing that violence and decadence fueled a self-critical cultural project.

**COMMENTARIES, BLOG POSTS, AND GENERAL -
AUDIENCE PUBLICATIONS**

Dan DeNicola, Professor and currently **Chair, Department of Philosophy**, published “American Populism Shouldn’t Have to Embrace Ignorance” in *Zócalo: Public Square Magazine* (November 14, 2017, online). This essay explores the relationship between democracy and ignorance.

DeNicola was interviewed by Samira Shackle for *New Humanist* (October 30, 2017, online). The interview, titled “We Live in a Culture of Ignorance,” is based on my recent book, *Understanding Ignorance* (2017).

DeNicola was interviewed by Celia Wan for *The Key Reporter* (October 25, 2017). The interview, titled “Understanding Ignorance: Interview with Daniel R. DeNicola” and conducted for the national Phi Beta Kappa Society publication (web and print), is based on my book, *Understanding Ignorance*.

DeNicola published “The Construction of Ignorance” in *The Philosophers’ Magazine* 79 (4th Quarter, 2017): 19-21. This essay reviews five ways in which we construct ignorance – for ourselves and others.

Amy Evrard, Associate Professor of Anthropology, published “Early Fieldwork at the Beijing Farmers’ Market” at *Anthropology News* (February 20, 2018, online). This is a fun piece that reflects on my experience during 2017’s Fulbright-Hays Group Projects Abroad trip to Beijing, China, in order to look at the process of beginning ethnographic fieldwork on a new topic.

Allen Guelzo, Henry R. Luce Professor of the Civil War Era and Director of Civil War Era Studies, published the following pieces: “First Trump, Now Clinton – Investigation Hand-Grenades Keep Flying,” FoxNews.com (November 8, 2017); “Honor, Compromise, and Getting History Right,” *The American Interest* (November 6, 2017); “A Yankee in Charlottesville Finds General Lee Under Cover,” *The Wall Street Journal* (September 30, 2017); “The Rusher Who Wouldn’t Take the Knee,” RealClearPolitics (September 25, 2017); “Reconstruction Ended in 1877, But It Isn’t Finished,” *The Wall Street Journal* (August 18, 2017); “Should We Banish Robert E. Lee and His Confederate Friends? Let’s Talk,” *USA Today* (August 16, 2017); “College Is Trade School for the Elite,” *The Wall Street Journal* and RealClearPolitics (August 7, 2017); “What If the South Had Won the Civil War? 4 Sci-Fi Scenarios for HBO’s *Confederate*,” *USA Today* (July 31, 2017); “How Hard Is It to Drain a Swamp?” *Richmond Times-Dispatch* (July 5, 2017); “Divided America Stands – Then and Now,” *The Wall Street Journal* (June 30, 2017); with James Hulme, “Will the Courts Make Trump’s Presidency Less Imperial?” RealClear

Politics (April 13, 2017) and *Philadelphia Inquirer* (April 18, 2017); with Hulme, “California Secessionists Channel Logic of Southern Slaveholders,” *Philadelphia Inquirer* (February 19, 2017); and with Hulme, “Challenging Three Electoral College Indictments,” *Philadelphia Inquirer* (January 6, 2017).

Ryan Kerney, Assistant Professor of Biology, with staff co-author **Zakiya Whatley, Assistant Professor of Biology**, student co-author **Sarah Rivera '18**, and co-author David Hewitt, published “The Prospects of Artificial Endosymbioses” in *American Scientist* 105.1 (January-February 2017): 36–46. This popular-science paper sprung from conversations around our introductory biology course, BIO 110: An Introduction to Molecules, Genes, and Cells.

Dave Powell, Associate Professor of Education, has published a regular opinion column titled “The K-12 Contrarian” in *Education Week* since 2014. This column explores various issues in teaching, teacher education, education policy, and the politics of education.

PROFESSIONAL PAPERS AND PRESENTATIONS

Kathy R. Berenson, Assistant Professor of Psychology, with student colleagues **Tess Anderson '17**, **Jill Glazer '18**, **Melissa Menna '18**, and **Huilin Xu '19**, presented a poster titled “Age, Gender, and Socioeconomic Status Differences in Explicit and Implicit Beliefs About Effortlessly Perfect Self-Presentation” at the 38th Annual Conference of the Anxiety and Depression Association of America (ADAA), Washington, DC, April 7, 2018. Our research shows that perceived societal pressure to appear effortlessly perfect is associated with mental health problems, especially among young women of higher socioeconomic status.

Alice Brawley, Assistant Professor of Management, with colleagues Barry A. Garst and Ryan J. Gagnon, presented a paper titled “Efficacy of Online Training for Improving Camp Staff Competency” at the American Camp Association’s Camp Research Forum, Orlando, FL, February 19-21, 2018. We evaluated the effectiveness of an online healthcare training intervention for camp staffers, and found that participants who received the online training actually retained information less well than did a comparison group of non-staffers. We also discuss important differences in results obtained using traditional versus newer analytic approaches.

Dan DeNicola, Professor and currently **Chair, Department of Philosophy**, delivered a lecture titled “Understanding Ignorance: The Fall of Expertise?” at Chatham House, Royal Institute of International Affairs, London, England, October 11, 2017. This lecture, followed by a signing of my book *Understanding Ignorance* (2017), explored the current antipathy toward expertise as an element in the culture of ignorance.

John Dettinger, Assistant Director of User Services, Musselman Library, presented a poster titled “Interlibrary Loan Dissertation Requests: Best Practices and the Need for OA” at the Access Services Conference, Atlanta, GA, November 15-17, 2017.

This poster was created to share Musselman Library's process for obtaining interlibrary loan dissertation requests. Dissertations can be more difficult to track down than books or published scholarly articles.

Shelli Frey, Associate Professor of Chemistry, with student colleague **Michael J. Counihan '16**, presented a poster titled "Lateral Phase Behavior of Human Skin Lipids" at the 62nd Annual Meeting of the Biophysical Society (BPS), San Francisco, CA, February 17-21, 2018. This work focused on modeling the lipid component of the stratum corneum, the outermost layer of human skin and the first barrier to the environment.

Frey presented a poster titled "Enhanced Ordering in Monolayers Containing Glycosphingolipids: Impact of Carbohydrate Structure" at the 62nd Annual Meeting of the Biophysical Society (BPS), San Francisco, CA, February 17-21, 2018. Based on work co-authored with Erik B. Watkins, Eva Y. Chi, Kathleen D. Cao, Tadeusz Pacuszka, Jaroslaw Majewski, and Ka Yee C. Lee, this poster focused on the influence of carbohydrate structure on the ordering of glycosphingolipids (GSLs) and surrounding phospholipids in model cell membranes.

Jeremy Garskof, Director of Technical Services, Musselman Library, delivered a presentation titled "eBooks Speed Dating: Who's in the Driver's Seat Going Forward?" at the Charleston Library Conference, Charleston, SC, November 8, 2017. Probably more than any other technology, digital formats have changed the nature of libraries, expanding opportunities for technology advancements and affecting user behaviors. Many lessons have been learned about how e-books are acquired, licensed by libraries, and used worldwide. Libraries are shifting their focus on collections and management, and becoming more aware of their community's mobility and opportunity to read and seek information from many locales, modes and devices. A known and growing commodity, e-books will only increase in presence and availability.

Brent Harger, Assistant Professor of Sociology, presented a paper titled "Supportive Silos: Race and First-Year Student Experiences at a Selective Liberal Arts College" at the 44th Annual Conference of the Sociology of Education Association (SEA), Pacific Grove, CA, February 17, 2018. Using semi-structured interviews with members of the class of 2020, this presentation focuses on the on-campus experiences of students of color upon arriving on campus at a predominantly white, selective liberal arts college. I find that these students are "pulled in" academically, but "pushed out" socially.

Caroline A. Hartzell, Professor of Political Science, presented a paper titled "Can Power Sharing Help Build Political Trust Following Civil War? Micro-Level Evidence from Mindanao" at the Folke Bernadotte Academy Research Workshop on Peacebuilding after Armed Conflict, Bogotá, Colombia, November 27-29, 2017. This paper draws on evidence from focus-group discussions that took place in Mindanao, the Philippines, which sought to investigate the influence of power-sharing measures contained in previous peace agreements on citizens' trust in the national government.

Rachel Lesser, Visiting Assistant Professor of Classics, delivered an invited lecture titled "Female Ethics and Epic Rivalry: The Intertextual Contrast between Penelope in the *Odyssey* and Helen in the *Iliad*" at the University of Pennsylvania, Philadelphia, PA, October 26, 2017. This lecture, given as part of the Classics Colloquia series, argued that

the *Odyssey* and the *Iliad* engage in poetic competition through intertextual dialogue that contrasts the ethical characters of their respective heroines, Penelope and Helen.

Lesser presented a paper titled “Helen and Penelope: A New Queer and Intertextual Feminist Approach” at the Annual Meeting of the Classical Association of the Atlantic States (CAAS), New York, NY, October 6, 2017. This paper, part of a panel on “Feminism and Classics Revisited,” reviewed feminist scholarship on Homer, and offered new feminist approaches to the interpretation of Helen and Penelope based in queer theory and epic intertextuality.

Lesser delivered an invited lecture titled “Teaching Sappho in Literature Humanities” at Columbia University, New York, NY, September 11, 2017. This lecture introduced Sappho’s poetry and its interpretation, and suggested pedagogical strategies for teaching Sappho, to instructors of Columbia University’s first-year core curriculum course Literature Humanities.

Sarah Principato, Professor of Environmental Studies, with student colleague **Marion McKenzie ’19**, and colleague Ívar Örn Benediktsson, presented a paper titled “Geomorphic Evidence for a Paleo-Ice Stream in Barðardalur, North Iceland” at the Annual Meeting of the Geological Society of America (GSA), Seattle, WA, October 23, 2017. In this paper, we present the first detailed analyses of streamlined landforms in Barðardalur, North Iceland. Based on detailed GIS measurements coupled with fieldwork in Iceland, we find evidence for a paleo-ice stream. The paper abstract is published at the *GSA Abstracts with Programs* 49.6 (2017, online).

Jack Ryan, Vice Provost and Dean of Arts and Humanities, delivered a presentation titled “Jim Jarmusch’s *Paterson*: Poetics, Place, and Adaptation” at the Annual Conference of the Literature/Film Association, University of Montana, Missoula, MT, October 26-29, 2017. Literature, particularly poetry, has always informed Jim Jarmusch’s narratively allusive cinema. His passion for poetry is woven into almost all of his films, especially *Paterson* (2016).

Megan Adamson Sijapati, Associate Professor and currently **Chair, Department of Religious Studies**, gave an invited lecture titled “Anxieties of Hindu Nationalism: ‘Beef Lynchings’ and the Debate Surrounding Cow Slaughter, Secularism, and Beef Consumption in India” at the Orr Forum, Wilson College, Chambersburg, PA, Oct. 23, 2017. In this lecture, Sijapati discussed the symbolism and discourses of Hindu nationalist-motivated violence in contemporary India surrounding the cow and non-Hindu minority communities. Of focus was how the living Hindu symbol of non-violence and maternal nourishment and sustenance – the cow – has become a central site of terror for India’s religious minorities, particularly Muslims.

Carolyn Snively, Professor of Classics, presented a paper titled “Archaeological Evidence for Deposition of Offerings in Early Byzantine Churches” at the 2nd International Archaeological Conference, Kokino, Kumanovo, R. Macedonia, October 2-5, 2017. Two rooms whose furnishings suggest that offerings might have been deposited in them were found during excavation of the Episcopal Basilica in the anonymous Late Antique city at Golemo Gradište, Konjuh. The rooms are described and some background about the deposition of offerings in Early Byzantine churches in the Balkan Peninsula is provided.

Alecea Standlee, Assistant Professor of Sociology, presented a paper titled “Finding Friends: Understanding the Role of Social Media in the Construction of Offline Social Networks” at the Annual Meeting of the Eastern Sociological Society (ESS), Baltimore, MD, Feb 22-25, 2018. This paper, presented as part of a mini-conference titled “Digital Sociology: Identity, Community, and Networks,” examined the use of social media profile evaluation as a social filter in the establishment of offline social networks among adults. It also considered the potential implications of this practice in relation to increasing social fragmentation and partisan behavior in the U.S.

Janelle Wertzberger, Assistant Dean and Director of Scholarly Communications, Musselman Library, delivered a webinar presentation titled “How a Small Library Can Support Digital Scholarship . . . Without a DS Center or Anyone with DS in Their Job Title,” February 6, 2018. This was part of a panel on “Building a Digital Scholarship Program with Limited Resources,” hosted by the Association of College and Research Libraries (ACRL) Digital Scholarship Centers Interest Group.

Wertzberger, with colleagues Sarah Beaubien and Doug Way, presented a panel titled “Stuck in the Middle: Redefining What Successful Scholarly Communications Programs Look Like” at the Charleston Library Conference, Charleston, SC, November 9, 2017. Effective scholarly communications programs are aligned with their institutions’ mission and goals, and use planning and evaluation methods that reflect their unique community and needs. This panel explored the challenges posed by those who seek a singular definition of success and share brief examples of how scholarly communications programs are developed, sustained, and evaluated at three different institutions.

PROFESSIONAL DISTINCTIONS AND AWARDS

Alice Brawley, Assistant Professor of Management, was named an Early Career Work and Family Fellow by the Work and Family Researchers Network. This fellowship is awarded to selected recent Ph.D. recipients working in research and practice around work-family issues. Fellows have access to resources that enhance research and teaching, and thereby help to develop the “next generation” of work and family scholars.

Shelli Frey, Associate Professor of Chemistry, with staff colleagues **Kate Buettner, Assistant Professor of Chemistry**, **Luke Thompson, Associate Professor of Chemistry**, and **Kurt Andresen, Associate Professor of Physics**, was awarded a National Science Foundation Major Research Instrumentation Grant on August 1, 2017, for a project titled “Acquisition of a Circular Dichroism Spectropolarimeter for Research and Training of Undergraduates at Gettysburg College.” The grant provides funding for the purchase of a circular dichroism spectrometer, an instrument that can probe macromolecular structure and changes to this structure due to environmental conditions. It will be used throughout the Chemistry lab curriculum, and in research labs in the Chemistry and Physics departments. The grant, which is in the amount of \$112,136, has an estimated end date of July 31, 2020. Frey is Principal Investigator, with Buettner, Thompson, and Andresen as Co-Principal Investigators.

Devin McKinney, Archives Assistant, Musselman Library, was included in the anthology *Sound Bites: Big Ideas in Popular Music* (Chicago: Great Books Foundation, 2017). McKinney was represented by an excerpt from his book *Magic Circles: The Beatles in Dream and History* (2003).

VoonChin Phua, Professor and currently Chair, Department of Sociology, with student colleagues **Xiunan Yu '18, Jesse E. Shircliff '19, Meira D. Ruben '20, and Brianna M. Costira '19**, was given an award by the 2018 ASIANetwork Student-Faculty Fellows Program. The award provides funding for a faculty member and four students to conduct research on cultural tourism in Singapore in Summer 2018.

Eileen Stillwaggon, Professor of Economics and Benjamin Franklin Professor in the Liberal Arts and Sciences, was named to the Scientific Program Committee of the American Society of Tropical Medicine and Hygiene for a three-year term.

Stillwaggon served as a Guest Editor for the journal *PLoS One*.

PROFESSIONAL OR CREATIVE ACTIVITY

Betsy Bein, Graduate Intern and Library Assistant, Musselman Library, created a poster titled “Education Week @ Gettysburg College.” This poster, apprising students of the benefits of Open Educational Resources, was displayed on the main floor of Musselman Library during Open Education Week, March 5-9, 2018.

Dan DeNicola, Professor and currently Chair, Department of Philosophy, was interviewed by Robert Talisse for the podcast *New Books in Philosophy* (December 1, 2017). The one-hour interview concerns my recent book, *Understanding Ignorance: The Surprising Impact of What We Don't Know* (2017). The interview is also available on iTunes.

Allen Guelzo, Henry R. Luce Professor of the Civil War Era and Director, Civil War Era Studies Program, wrote and delivered 36 lectures for *America's Founding Fathers*, a DVD set and teaching series released by The Teaching Company (Chantilly, VA), March 2017.

Amy Lucadamo, Archivist, Musselman Library, curated an exhibit titled “Beyond Futility: Expectation and Impact of the First World War,” which opened in the Special Collections and College Archives Reading Room on January 30, 2018. The exhibit focuses on the often creative ways in which soldiers and civilians adapted to the transformational experience of warfare on the Western Front, and how the Front followed these men and women home, impacting their perspectives and prospects. The exhibit – featuring artifacts, documents, photographs, and rare books from Special Collections, the Adams County Historical Society, and private collections – is endorsed by the United States World War One Centennial Commission, and will run through December 18, 2018.

Brian Meier, Professor of Psychology, with colleague A.F. Fetterman, was awarded a grant for a project titled “What Shall We Call God? An Investigation of the Role of

Metaphor in Religious Cognition.” The project investigates the metaphoric nature of God conceptualization; how different conceptualizations influence attitudes, thoughts, and behavior; and whether using metaphors in this way provides meaning in life. The grant, totaling \$216,161, is given by the Templeton Foundation.

Jack Ryan, Vice Provost and Dean of Arts and Humanities, gave a lecture as part of the Cultural Series at York College of Pennsylvania, York, PA, April 5, 2018. Given in conjunction with a screening of the Jim Jarmusch film *Paterson* (2016), Jack’s lecture was designed to help audience members see how literature has always informed Jarmusch’s cinema. The talk covered all eleven of Jarmusch’s feature film, with an emphasis on the use of poetry in *Paterson*.

Jocelyn Swigger, Associate Professor of Music, recorded *The Complete Chopin Etudes* (Con Brio Recordings, 2017). In recording the complete etudes of Frédéric Chopin, with some original ornaments, Jocelyn Swigger performed on an 1841 Paris Erard piano, an instrument used during Chopin’s lifetime, and tuned to a historical temperament devised specifically for the great composer.



The Faculty Notebook is published periodically by the Office of the Provost at Gettysburg College to bring to the attention of the campus community accomplishments and activities of academic interest. Faculty are encouraged to submit materials for consideration for publication to the Associate Provost for Faculty Development. Copies of this publication are available at the Office of the Provost.

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