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The Faculty Notebook, September 2022

Provost's Office
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The Faculty Notebook, September 2022

Abstract

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

Keywords

Provost's Office, Faculty Publishing, Academic Publishing, Academic Achievement, Gettysburg College

Disciplines

Library and Information Science | Scholarly Publishing

THE FACULTY NOTEBOOK

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PUBLICATIONS

Kurt Andresen, Professor of Physics, with co-authors Jeffrey McHugh, Alice L. Thorneywork, and Ulrich F. Keyser, published “3D Flow Field Measurements outside Nanopores” in *Review of Scientific Instruments* 93.5 (2022): 054106. In this work, we describe a system we developed to measure the three-dimensional flow outside of nanopores using optical tweezers. We specifically implement an algorithm for tracking developed for magnetic tweezers, and have made the python code available for any researchers interested in using this in their own experiments.

Megan Benka-Coker, Assistant Professor of Health Sciences, with co-authors Bonnie N. Young, Nicholas Good, Jennifer L. Peel, Joshua P. Keller, Sarah Rajkumar, Ethan S. Walker, John Volckens, Christian L’Orange, Casey Quinn, Sebastian Africano, Anibal B. Osorto Pinel, and Maggie L. Clark, published “Reduced Black Carbon Concentrations Following a Three-Year Stepped-Wedge Randomized Trial of the Wood-Burning Justa Cookstove in Rural Honduras” in *Environmental Science & Technology Letters* 9.6 (2022): 538–542. Black carbon released from combustion (vehicles, industry, etc.) is a major driver of global warming; household cooking is major contributor of global black carbon emissions. Our study found that an improved cookstove (less polluting) substantially reduces black carbon emissions, and that investing in clean technologies may be critical to reducing global warming.

Benka-Coker, with co-authors Maggie L. Clark, Sarah Rajkumar, Bonnie N. Young, Annette M. Bachand, Robert D. Brook, Tracy L. Nelson, John Volckens, Stephen J. Reynolds, Ander Wilson, Christian L’Orange, Nicholas Good, Casey Quinn, Kirsten Koehler, Sebastian Africano, Anibal B. Osorto Pinel, David Diaz-Sanchez, Lucas Neas, and Jennifer L. Peel, published “Household Air Pollution from Wood-Burning Cookstoves and C-Reactive Protein among Women in Rural Honduras” in *International Journal of Hygiene and Environmental Health* 241 (April 2021): 113949. Our interventional randomized trial demonstrated that improved cookstoves can reduce overall harmful exposure to household air pollution, and correspondingly reduce systemic inflammation among participants. These results provide evidence that improving cookstove technologies could improve overall health outcomes.

Emelio Betances, Professor of Sociology and Latin American Studies, published “The Rise and Fall of the Marcha Verde in the Dominican Republic” in *Latin American Perspectives* 234, 47.5 (September 2020): 20–34. The Marcha Verde movement emerged in 2017 to protest bribery on the part of the Brazilian transnational Odebrecht. As a

movement for democratization through the construction of citizens' rights, it was a watershed moment in Dominican political history.

Betances published "What Happens to Social Movements When They Succeed: The Case of the 4 Percent for Education in the Dominican Republic" in *Latin American Perspectives* 233, 47.4 (July 2020): 223–237. This article is a case study of a social movement that emerged in the Dominican Republic between 2009 and 2012. It focuses on a study of the demand that 4 percent of GDP be spent on pre-university education. The movement was successful in getting its demands met by the Dominican government, and set an example for future social movements.

Betances published "México: ¿El Retorno del Estado Desarrollista?" in *Revista Global* 89.1919 (2019). This article focuses on the first year of the administration of Andres Manuel Lopez Obrador in Mexico (2018–2019) and provides an assessment of the development of large public works projects such as the Maya Train, a new airport near Mexico City; the creation of a National Guard to offer security to the population in the midst of a war on drugs; etc. It also examines the first steps in the implementation of social programs to fight poverty.

Amy Dailey, Associate Professor and currently **Chair, Department of Health Sciences**, with alumni co-authors **Lizzy Cooper '17** and **Bridget Schell '13**, and co-authors Kim Davidson, Kathy Gaskin, Yeimi Gagliardi, and Kathleen Glahn, published "Responding to Food Insecurity and Community Crises through Food Policy Council Partnerships in a Rural Setting" in *Progress in Community Health Partnerships: Research, Education, and Action* 16.2 Supplement (2022): 39–44. As one of the first food policy councils in Pennsylvania, the Adams County Food Policy Council has worked for over a decade on food insecurity and food justice issues in our local community. This article describes efforts to respond to local crises using an approach that includes a common agenda across member organizations, collaboration, maintaining independent but mutually supporting goals, valuing those who are most impacted, and continuous communication.

Véronique Delesalle, John McCrea and Marion Ball Dickson Endowed Chair and Professor of Biology, with alum co-author **Rachel Loney '20**, and co-authors Greg P. Krukonis, Amanda K. Kemp, Katie F. Storrie, Vivian R. Chavira, Hayden W. Lantrin, Victoria D. Perez, Desiree A. Reyes, and Julian A. Truax, published "Complete Genome Sequences of Two Temperate *Bacillus subtilis* Phages Isolated at Tumamoc Hill Desert Laboratory" in *Microbiology Resource Announcements* 11.9 (August 17, 2022, online). This paper describes two viruses that can either kill or live inside the soil bacterium *Bacillus subtilis*.

Delesalle, with alum co-author **Sam Roth '21** and co-author Greg P. Krukonis, published "Complete Genome Sequences of Four Phages of the Horse Chestnut Phyllosphere" in *Microbiology Resource Announcements* 10.44 (November 4, 2021, online).

Delesalle and **Roth**, with co-author Krukonis, published "Genome Sequences of *Erwinia* phyllophages AH04 and AH06" in *Microbiology Resource Announcements* 10.44 (November 4, 2021, online).

Delesalle and Roth, with co-author Krukonis, published “Complete Genome Sequence of the *Pantoea* phage AH07” in *Microbiology Resource Announcements* 10.44 (November 4, 2021, online). This paper, along with the preceding two, describe viruses that can lyse bacterial pathogens of horse chestnut trees.

Dan DeNicola, Emeritus Professor of Philosophy, published *A Reader in Moral Philosophy* (Tonawanda, NY: Broadview Press, 2022). This is an edited volume designed as a “companion reader” to my previously published text, *Moral Philosophy: A Contemporary Introduction* (2018). Its 640 pages include 84 selections grouped into 20 sections, each with an introductory essay (14 are paired with the text, six are applications to current ethical issues).

Shannon Egan, Director, Schmucker Art Gallery, with Marthe Tolnes Fjellestad, co-edited *Across the West and Toward the North: Norwegian and American Landscape Photography* (Salt Lake City: University of Utah Press, 2022). This book offers the first study of the striking parallels in the production, distribution, and reception of landscape photography in Norway and the United States. In recognizing how these photographs were made meaningful to international audiences, the book provides a transnational examination of the intersection of photography with immigration, tourism, and the impact on Indigenous peoples.

Steve Gimbel, Professor of Philosophy, with alum co-author **Jeffrey Maynes '05**, published *Personal Memories of the Early Analytic Philosophers: Analytic Logic/Synthetic Lives* (New York: Palgrave Macmillan, 2022). These interviews with children, family, and former students of the founders of analytic philosophy give us a glimpse into the personal side of these intellectual giants.

Gimbel, with faculty co-author **Stephen Stern, Associate Professor of Religious Studies** and currently **Chair, Department of Judaic Studies**, published *Reclaiming the Wicked Son: Finding Judaism in Secular Jewish Philosophers* (New York: Anthem, 2022). Looking at the work of six secular philosophers of Jewish heritage (Karl Marx, Ludwig Wittgenstein, Ayn Rand, Judith Butler, Peter Singer, and Noam Chomsky), we employ different lenses from the history of Jewish ideas to reinterpret their writings, seeing them as a part of the long tradition of Jewish thought.

Tim Good, Professor of Physics, with alum co-authors **Neng Yin '20** and **Rikard Bodin '20**, and co-authors Evan M. Aguirre, and Earl E. Scime, published “Evidence for Electron Energization Accompanying Spontaneous Formation of Ion Acceleration Regions in Expanding Plasmas” in *Physics of Plasmas* 27 (2020, online): 123501. Gettysburg students Neng Yin and Rikard Bodin collaborated with Tim Good and hosts in the Scime lab at West Virginia University to measure electron energization at the periphery of a helicon plasma under conditions favorable to ion acceleration in a diverging magnetic field. Employing electrostatic probes, the team performed a cross-sectional scan of the plasma to determine the electron dynamics with varying neutral gas pressure.

Brent Harger, Associate Professor of Sociology, published “The Anti-Bullying Myth: Bullying and Aggression in an Inhabited Institution” in *The Sociology of Bullying: Power, Status, and Aggression among Adolescents*, edited by Christopher Donoghue (New York: New York University Press, 2022). In this chapter, I draw on Inhabited Institutionalism and school culture approaches within sociology to address the question of why those in schools continue to approach bullying from an individualistic standpoint when these behaviors are rooted in social interaction and school cultures. I find that the normalization of bullying and aggression combined with individualistic definitions allow both students and adults to define their own behaviors in more favorable ways, with aggressive students defining themselves as non-bullies and adults claiming the legitimacy of their anti-bullying efforts.

Alvaro Kaempfer, Professor and currently **Chair, Department of Spanish**, published “Liberalismo económico y conservadurismo político en Zorobabel Rodríguez” in *Decimonónica* 19.2 (Summer 2022): 55–68. This article analyzes one of the first economists in the Southern Cone who integrated, as part of a foundational generation, economic liberalism into a deeply conservative political vision.

Kaempfer published “París, final de fiesta en *Los Transplantados* (1904) de Alberto Blest Gana” in *Estudios Filológicos* 69 (2022): 7–20. This Spanish version of an article previously published in English is about an early XX century novel which explores Latin American immigration to Europe in the late XIX century, detailing the transition between cultures, times, and intergenerational expectations.

Aarón Lacayo, Assistant Professor of Spanish, published “A Cinema Not in Ruins: Gender and History in Two Nicaraguan Short Films” in *Teaching Central American Literature in a Global Context*, edited by Gloria Elizabeth Chacón and Mónica Albizu´rez Gil (New York: Modern Language Association, 2022). With a legacy of revolutionary political cinema, Nicaraguan women directors continue to produce bold films decades after the triumph of the Sandinista Revolution in 1979 and the subsequent Civil War, which officially ended in 1990. This article offers pedagogical strategies for teaching two Nicaraguan short films, *Blanco organdí* (*White Organdy*, 1998), by María José Álvarez and Martha Clarissa Hernández, and *Cinema Alcázar* (1997), by Florence Jaugey. This volume is part of the MLA’s Options for Teaching series.

Nathalie Lebon, Professor and currently **Chair, Department of Women, Gender and Sexuality Studies**, with Janet M. Conway, co-edited a thematic double issue of the journal *Latin American Perspectives*, 48.4 (July 2021) and 48.5 (September 2021). Titled “Popular Feminism(s): Pasts, Presents, and Futures [Parts 1 and 2],” this double issue highlights feminisms from the majority working class sectors of Latin America and the power dynamics related to race, indigeneity, and decoloniality within those.

Lebon, with co-author Janet M. Conway, published “Popular Feminism(s) Reconsidered: Popular, Racialized, and Decolonial Subjectivities in Contention” in *Latin American Perspectives* 48.4 (July 2021): 3–24. This article introduces the double issue of *Latin American Perspectives* on racial and decolonial power dynamics within the popular feminist sectors in Latin America.

Lebon published “Decentering a *Mulher popular*? Gender-class and Race in Early and Contemporary Latin American Popular Feminisms” in *Latin American Perspectives* 48.4 (July 2021): 49–68. This article examines the origins of the challenges to centering race as experienced by self-identified popular feminisms (e.g., in working class sectors) in Brazil.

Lebon published “(Mis)translations in Translocal Solidarity-building and the Need for Controlled Equivocation: Cuerpo-territorio in the World March of Women” in *Cross-border Solidarities in Twenty-first Century Contexts: Feminist Perspectives and Activist Practices*, edited by Janet M. Conway, Pascale Dufour, and Dominique Masson (London: Rowman & Littlefield International, 2021). This chapter examines the achievements and challenges of the transnational feminist network, the World March of Women, in translating key concepts cross-culturally.

Junjie Luo, Associate Professor and currently **Chair, Department of East Asian Studies**, published *Traditional Chinese Fiction in the English-Speaking World: Transcultural and Translingual Encounters* (New York: Palgrave Macmillan, 2022). Traditional Chinese fiction depicts many memorable characters and scenes, such as Monkey with its magic power in *Journey to the West* and the battle of Red Cliffs in *Romance of the Three Kingdoms*, and is often studied as a product of late imperial Chinese culture. This book, part of the “Chinese Literature and Culture in the World” series, examines cases of how these works are translated, read, and interpreted in the English-speaking world, and argues that cultural and literary trends, such as Modernism and the rise of historical novels, shape the reception of Chinese fictional narratives.

Amy Marvin, Visiting Assistant Professor of Philosophy, published “Feminist Philosophy of Humor” in *Philosophy Compass* (June 5, 2022, online). This essay surveys work in the feminist philosophy of humor, emphasizing its focus on the social/political dynamics of humor. It then diagnoses areas of feminist humor research that require further elaboration.

Marvin published “Short-Circuited Trans Care, t4t, and Trans Scenes” in *Transgender Studies Quarterly* 9.1 (2022): 9–27. This essay critically surveys efforts to create trans community through literature scenes, business ventures, and other spaces in the 2010s, and argues that these efforts were often self-defeating in ways that remain unacknowledged. The essay proposes instead a rethinking of what it means to build networks of trans care and solidarity beyond projecting a model of a universalized trans community that does not exist, or lapsing into cynical prestige-based careerism.

Brian Meier, Franklin Chair Professor in the Liberal Arts and Sciences and Professor of Psychology, with co-authors Amanda J. Dillard and Courtney M. Lappas, published “Predictors of the Intention to Receive a SARS-CoV-2 Vaccine” in *Journal of Public Health* 44.3 (September 2022): 713–715. This research examined predictors of the intention to receive a COVID-19 vaccine before it became widely available.

Meier, with co-authors Benjamin M. Wilkowski, Laverl Z. Williamson, Emilio Rivera, and Adam Fetterman, published “What is the ‘Opposite’ of a Value?: A Lexical Investigation into

the Structure of Generally-Undesirable Goal-Content” in *Journal of Personality* 90 (2022): 357–374. Past investigations of goal-content have focused (either exclusively or predominantly) on generally-desirable values, and they suggest that some values oppose other values. However, many goals are generally undesirable (i.e., the average person is committed to avoiding them), and these “vices” have been under-studied. We used a lexical framework to examine undesirable goals in this project.

Douglas Page, Assistant Professor of Political Science, with co-authors Faradj Koliey and Jonas Tallberg, published “The Domestic Impact of International Shaming: Evidence from Climate Change and Human Rights” in *Public Opinion Quarterly* (August 12, 2022, online). We studied the impact of international shaming efforts against governments that do not comply with climate change and human rights standards. In a survey of Sweden, we find that shaming messages reduce support for Swedish government policies that are addressed as non-compliant.

Sarah Principato, Thompson Chair and Professor of Environmental Studies, with alum co-author **Marion A. McKenzie '19** (first author), and co-authors Lauren M. Simkins and Santiago Munevar Garcia, published “Streamlined Subglacial Bedform Sensitivity to Bed Characteristics across the Deglaciaded Northern Hemisphere” in *Earth Surface Processes and Landforms* (April 13, 2022, online). In this project, we examine subglacial landforms to interpret factors that influenced paleo-ice flow dynamics. Since it is difficult to investigate landforms beneath modern glaciers, we use subglacial bedforms from paleo-glaciers to understand and predict flow conditions. We semi-automatically identify 11,628 bedforms, created during and following the Last Glacial Maximum across nine geologically and topographically diverse deglaciaded sites in the Northern Hemisphere.

Rachele Salvini, Emerging Writer Lecturer, Department of English, edited *Pollo Fritto e Disperazione* (Udine, Italy: Digressioni Editore, 2022). This is a collection of short prose by American writers who study, teach, and gravitate around academic programs of creative writing. I have selected these works, translated them into Italian, and curated this anthology.

Salvini published “American Animals,” a short story, in *Prairie Schooner* 95.3 (Fall 2021): 118–123.

Patturaja Selvaraj, Harold G. Evans Professor in Eisenhower Leadership Studies and Associate Professor of Management, with co-author Magesh Nagarajan, published “Evaluating Performance of an Untargeted Urban Food Security Scheme in India” in *Benchmarking: An International Journal* (May 20, 2022, online).

Selvaraj, with co-author Srinath Jagannathan, published “Truths and Unfreedoms of Regimes of Insecurity and the Resistance of the Commons” in *Critical Perspectives on International Business* (April 18, 2022, online). This paper aims to explore narratives of insecurity to understand how the casualization of the employment relationship makes life more fragile and precarious. The authors engage in an inquiry about how multinational enterprises (MNEs) structure precariousness for workers in emerging economies. The

authors attempt to understand how workers analyze their experiences of precariousness, and what form their resistance takes as a result of their analysis.

Selvaraj, with co-author Ramaswami Mahalingam, published “Ambedkar, Radical Interdependence and Dignity: A Study of Women Mall Janitors in India” in *Journal of Business Ethics* 177 (2022): 813–828. In this paper, using Ambedkar’s pioneering vision for engaged Buddhism, we developed the notion of radical interdependence, which consists of four interrelated processes: (a) dialogical recognition; (b) negating invisibilities; (c) dignity as an embodied praxis; and (d) ordinary cosmopolitanism. Our research primarily focused on women janitors’ lives (N = 20) in a Mumbai mall using this conception. Our participants experienced four different kinds of dignity injuries (yelling, invisibility, the target of suspicion of theft of valuables, othering). They used various strategies to preserve personal, intersubjective, and processual dignities. We also found horizontal and vertical ordinary cosmopolitanism strategies to bridge social boundaries between colleagues and mall customers.

Selvaraj, with co-authors Nisha Nair and Ranjeet Nambudiri, published “Culture and COVID-19: Impact of Cross-Cultural Dimensions on Behavioral Responses” in *Encyclopedia* 2.3 (2022): 1210–1224. The global pandemic of COVID-19 has impacted every sphere of human life across all nations of the world. Countries adapted and responded to the crisis in different ways, with varied outcomes and different degrees of success in mitigation efforts. Studies have examined institutional and policy-based responses to the pandemic. However, to gain a holistic understanding of the pandemic response strategy and its effectiveness, it is also important to understand the cultural foundations of a society driving its response behavior. Towards that end, this entry focuses on a few key cultural dimensions of difference across countries, and proposes that national culture is related to the protective behavior adopted by societies during COVID-19. The cultural dimensions examined in relation to COVID-19 include the dimensions of individualism vs. collectivism, power distance, uncertainty avoidance, masculinity and femininity, and future orientation. Inferences are drawn from academic research, published data, and discernible indicators of social behavior. The entry provides pointers for each dimension of culture, and proposes that cultural awareness be made an important element of policymaking while responding to crises such as COVID-19.

Megan Adamson Sijapati, Professor of Religious Studies, published “‘The Body Is a Tool for Remembrance’: Healing, Transformation, and the Instrumentality of the Body in a North American Sufi Order” in *Body and Religion* 5.1 (2021): 96–115. This article is a preliminary analysis of the role of the body in an American Muslim Sufi order. Based on fieldwork I conducted between 2016 and 2020, I examine how healing practices involve the human body sensorily and in experiential, imaginative realms, as conveyed through practitioners’ verbal descriptions of what they feel in the body and how they understand their bodies and the bodies of others. I argue that the “ordinary”—or non-extraordinary—body is instrumentalized through these healing modalities to become the site of transformation from spirit to material and material to spirit, and that through this the body emerges as central to everyday, lived Sufi practice.

Divonna Stebick, Associate Professor of Education, with alum co-author **Jonathan Hart '04**, published “Fresh Beginnings: Promoting a Culture of Teacher Inquiry through Passion in the Profession” in *Journal of Practitioner Research* 7.1 (2022, online): Article 3. Teachers are required to participate in professional development and seek meaningful opportunities to truly grow in the profession. Teacher inquiry, or teacher research, is one way to accomplish professional development goals. In this study, a cohort of certificated professionals engaged in a year-long project that included asking research questions and developing an independent study to examine their practice.

Stebick, with alum co-author **Megan L. Pilarcik '04**, and co-author Daniel W. Hartman, published “It’s All About to Change: Implications of Reforming Grading and Assessment” in *Pennsylvania Educational Leadership* 41.4 (Spring/Summer 2022): 43–59. Calls to reform grading systems and other assessment practices have been growing for several decades. Although there is no single grading model that is the panacea for all of the ills of past practices, the researchers identified the common ground about what an effective system for grading and assessment should include. Even though further study is needed, the resounding evidence indicates that contemporary practices such as standards-based grading are a preferred model if the goal of grading is to accurately communicate student learning and achievement.

David Walsh, Associate Professor of Religious Studies, published “Indigenous Movement, Settler Colonialism: A History of Tlicho Dene Continuity through Travel” in *Material Religion: The Journal of Objects, Art and Belief* 18.1 (2022): 46–60. Since time immemorial, Indigenous Dene Peoples have traveled ancestral routes throughout what is currently northern Canada and interior Alaska, and have continued to cultivate an identity as travelers. In this article I apply my understanding of Tlicho ontologies to the material dimensions of movement on the land, past and present, revealing an ontological, ecological, and spiritual continuity despite—although adapted in response to—settler-colonialism and climate change.

PROFESSIONAL PAPERS AND PRESENTATIONS

Yasemin Akbaba, Professor of Political Science, with colleagues Babak RezaeeDaryakenari and Ozgur Ozdamar, presented a paper titled “Faith in Action? Iran and Saudi Arabia’s Role Conflict in the Middle East” at the Annual Convention of the International Studies Association (ISA), Nashville, TN, March 30, 2022. This paper accounts for the effect of faith-based foreign policy roles in the Iran-Saudi Arabia rivalry since 2013. We use an automated content analysis method to map and measure the frequency and intensity of religious and secular foreign policy roles attributed to Iranian and Saudi foreign policy by their officials in the 2013–2020 period.

Akbaba served as chair and discussant of a panel titled “Religion as Resistance: Contestations of Power in 21st Century Global Politics” at the Annual Convention of the International Studies Association (ISA), Nashville, TN, March 30, 2022.

Shannon Egan, Director, Schmucker Art Gallery, with colleague Marthe Tolnes Fjellestad, delivered a presentation titled "The Prospects of 'Across the West and Toward the North'" at the National Nordic Museum, Seattle, WA, August 6, 2022. The presentation focused on the issues, history, and curatorial focus of "Across the West and Toward the North: Norwegian and American Landscape Photography," the traveling exhibition co-curated by Egan and Fjellestad.

Brent Harger, Associate Professor of Sociology, presented a paper titled "Who Wants Free Speech? The Influence of Race, Social Class, and Political Ideology on College Students' Attitudes about Freedom of Speech" at the annual meeting of the Eastern Sociological Society (ESS), Boston, MA, March 10–13, 2022. Very little research has explored the ways that students actually make sense of the questions surrounding freedom of speech on college campuses. Based on interviews with students at a selective private liberal arts college, I find that students overwhelmingly favor freedom of speech with relatively few restrictions but that their perceptions of who this freedom benefits, and when it should be limited, differ based on their backgrounds, possibly contributing to the popular misconception that this overwhelming agreement is actually a tense ideological battle.

Julia Hendon, Professor Emerita of Anthropology, presented a paper titled "Settlement, Households, and Landscapes: Wendy Ashmore and Maya Archaeology" at the 87th Annual Meeting of the Society for American Archaeology (SAA), Chicago, IL, April 2, 2022. In this paper, presented as part of the session "In Memory of Wendy Ashmore: Landscapes of Meaning, Biographies of Place, and Archaeologies of Compassion, Part 2," I trace the important intellectual developments in the career of the archaeologist Wendy Ashmore, who died in 2019. Reviewing her important publications, I note her contributions to the study of settlement patterns, households, and ancient landscapes.

Alvaro Kaempfer, Professor and currently Chair, Department of Spanish, presented a paper titled "Baldomero Lillo y los 'proscritos del aire y de la luz'" ("Baldomero Lillo and the Outcasts from Air and Light") at LASA2022, the (virtual) annual conference of the Latin American Studies Association, May 5, 2022. Baldomero Lillo as an intellectual and writer produced one of the most dramatic accounts of the mining culture in the transition from the XIX to the XX century. My presentation was about the impact of mining on national and regional cultures, life conditions, and education.

Aarón Lacayo, Assistant Professor of Spanish, presented a paper titled "'If I Don't Kill, My Family Doesn't Eat': Animals as Food in Gabriel Serra's *La Parka*" at the (virtual) Annual Convention of the American Comparative Literature Association (ACLA), National Taiwan Normal University, Taipei, Taiwan, June 16, 2022.

Lacayo presented a paper titled "Precarious Animality: Humor and Ethics in Ernesto Villalobos's *Por las plumas (All about the Feathers)*" at the (virtual) 70th annual conference of the Mountain Interstate Foreign Language Conference (MIFLC), Furman University, Greenville, SC, October 7–9, 2021.

Rachel Lesser, Assistant Professor of Classics, presented a paper titled “The Determining Body in *Iliad* 3” at the (virtual) eighth quadrennial Feminism & Classics (FemClas) conference, Wake Forest University, Winston-Salem, NC, May 21, 2022. This paper shows how characters’ physical forms and movements prove more consequential to the *Iliad*’s plot than their words, as evidenced by the juxtaposition and contrast of these two modes of expression in the cases of Paris, Odysseus, and Helen in Book 3.

Kevin Moore, Research, Instruction, and Online Learning Librarian, Musselman Library, with staff colleague **Clinton Baugess, Research, Instruction, and Online Learning Librarian, Musselman Library**, presented a paper titled “Drafting an Assessment Plan for Your Instruction Program: Sustainably Assessing Information Literacy in an Undergraduate STEM Course” at the annual conference of LOEX, Ypsilanti, MI, May 5, 2022. This presentation focused on developing a three-year assessment plan for an information literacy program, based upon the ACRL (Association of College and Research Libraries) Framework for Information Literacy. A 100-level, high-enrollment biology course was used as a case study for the plan’s effectiveness and sustainability at assessing information literacy for first-year STEM students in both in-person and online, asynchronous instruction.

Sarah Principato, Thompson Chair and Professor of Environmental Studies, with alum colleague **Halley Mastro ’21**, presented a paper titled “Morphometric Analysis of Ice Scour Lakes in Northern Iceland: A Proxy for Ice Sheet Dynamics” at the 57th Annual Meeting of the Northeastern Section of the Geological Society of America (GSA), Lancaster, PA, March 19–22, 2022. We analyzed ice scour lakes created by glacial erosion under the Iceland Ice Sheet during the Last Glacial Maximum. The morphology of the lakes was closely examined to make interpretations of intensity of erosion.

Megan Adamson Sijapati, Professor of Religious Studies, gave an invited lecture titled “Urban Religion, Cosmopolitanism, and the Politics of Invisibility: The Case of Kathmandu” at Florida Atlantic University, Jupiter, FL, September 8, 2022. This lecture (given as part of the Peace, Justice, and Human Rights lecture series at the Harriet L. Wilkes Honors College of Florida Atlantic University) focused on the intersections of religiosity, cosmopolitanism, and the politics of invisibility through the case study of a 21st century South Asian city.

Sijapati presented a paper titled “Islamic Meditation: Mindfulness Apps for Muslims in the Digital Spiritual Marketplace” as part of the symposium “Cyber Muslims: Mapping Islamic Networks in the Digital Age,” held at the Center for Global Islamic Studies, Lehigh University, Bethlehem, PA, April 15–17, 2022. This paper focused on my recently published research examining the competitive cyber-landscape of religious, and particularly Islamic and Muslim, apps for mindfulness and meditation.

Carolyn Snively, Professor Emerita of Classics, presented a paper titled “Patterns of Baptismal Practices in the Prefecture of Eastern Illyricum” at the 24th International Congress of Byzantine Studies, Venice & Padua, Italy, August 21–28, 2022. The distribution of baptisteries across the Balkan landscape is considered, taking into account the number of cities in each province and the correlation between cities and baptisteries.

PROFESSIONAL OR CREATIVE ACTIVITY, PERFORMANCE OR ARTWORK

Shannon Egan, Director, Schmucker Art Gallery, co-curated the exhibition “Across the West and Toward the North: Norwegian and American Landscape Photography,” showing at the National Nordic Museum, Seattle, WA, August 5–November 27, 2022. At the present time of devastating climate change and political conflicts about the environment and energy consumption, this exhibition considers a historical moment when once-remote wildernesses were first surveyed, developed, and photographed on both sides of the Atlantic Ocean. Drawing from the collections of Ron Perisho, the Picture Collection at the University of Bergen Library, and the Norwegian Museum of Cultural History, this exhibition investigates how two countries responded to the tourism influx, infrastructure changes, exploitation of natural resources, and resulting effects of mapping and exploration.

Christopher Kauffman, Professor of Theatre Arts, in summer 2022 performed a role in the limited Apple TV series *Lady in the Lake*, to be released later this year.

Jocelyn Swigger, Professor of Piano, Sunderman Conservatory of Music, with faculty colleague **Susan Hochmiller, Associate Professor of Music and Vocal Studies, Sunderman Conservatory of Music**, released an album titled *Art Songs & Duets by Women Composers from the Classical and Early Romantic Eras* (Centaur Records, 2022). The songs, with Hochmiller on voice and Swigger on piano, were performed on Gettysburg College’s fortepiano. Most of the songs are previously unrecorded.

Swigger performed a solo recital at the Southwest Piano Festival, Albuquerque, NM, June 18, 2022. The program was composed entirely of works by women composers, including Anne Louise Brillon de Jouy, Sophie Westenholz, Agnes Tyrrell, Celeste Heckscher, Mel Bonis, Lili Boulanger, Tatiana Stankovych, Florence Price, and Grace LeBoy.

ACADEMIC EXTERNAL DIVISION GRANT AWARDS

April 8 – September 19, 2022

Shannon Egan, Director, Schmucker Art Gallery, received a \$10,490 grant from the Art Bridges Foundation. The Foundation is collaborating with Gettysburg College to expand the audience reach for its exhibit, “Confuse the Issues: Art, Text and Identity.” Hank Willis Thomas’s neon sculpture work *Pitch Blackness/Off Whiteness* (2009) will be loaned to the College for the exhibit; grant funds will assist in training student gallery staff and bringing students from the Duke Ellington School for the Arts in Washington D.C. to view and create a student guide for the exhibit.

Caroline Hartzell, Professor and currently Chair, Department of Political Science, received a \$30,761 grant from the Folke Bernadotte Academy (FBA) for “Citizens’

Perspectives on the Legitimacy of Civil War Peace Processes: An Experimental Conjoint Analysis.”

Ryan Kerney, Associate Professor of Biology, as leader of the Advancing Science team, received a \$296,032 grant from the National Oceanic and Atmospheric Association (NOAA) for the team’s proposal, “Partnership for Adams County Environmental Literacy (PACE).”

The Pennsylvania Academic Library Consortium, Inc., awarded PA GOAL Course Adoption grants to five faculty, to support the replacement of commercial textbooks with open educational resources (OER). The faculty are: **Ryan Kerney, Associate Professor of Biology**, for one course; **Salma Monani, Professor** and currently **Chair, Department of Environmental Studies**, for one course; **Maria Perez, Lecturer, Department of Spanish** (with **Chris Oechler, Associate Professor of Spanish**, and **Barbara Sommers, Adjunct Instructor of Spanish**) for one course; **Tyeshia Redden, Assistant Professor of Africana Studies**, for five courses; and **Kim Spayd, Associate Professor of Mathematics** (with **Ricardo Conceicao, Associate Professor of Mathematics**, and **Robert Mixell, Adjunct Associate Professor of Mathematics**) for three courses.

The Pennsylvania Consortium for the Liberal Arts gave awards to two teams of faculty to develop open educational resources. They are (in calculus) **Kim Spayd, Associate Professor of Mathematics**, and **Beth Campbell Hetrick, Associate Professor** and currently **Chair, Department of Mathematics**; and (in Spanish) **Chris Oechler, Associate Professor of Spanish**, with **Maria Perez, Lecturer, Department of Spanish**, and **Barbara Sommers, Adjunct Instructor of Spanish**.