

Timestamp	Email Address	Please provide your full name	In the past 3 years, have you engaged in scholarly work as categorized below? (Please check all that apply)	If you engaged in scholarly work related to sustainability as described above, please provide a description or list of your sustainability-focused research interests, projects and/or publications.	Please provide your department and/or program affiliations
2/7/2023 9:01:40	richardniesenbaum@muh	Richard Niesenbaum	I have engaged in scholarship in which the concept of "sustainability" is explicitly mentioned., I have engaged in scholarship related to the interdependence of ecological and social/economic systems is addressed, I have engaged in scholarship that addresses one or more sustainability challenges are directly addressed (e.g., an SDG target or Earth Charter principle).	Research on approaches and barriers to achieving sustainability objectives in artisanal gold mining communities, the integration of conservation, biodiversity, and sustainability, historical effects of climate change on plant flowering times. Author of Sustainable Solutions: Problem solving for current and future generations" (Oxford University Press) and In Exchange for Gold: The Legacy and Sustainability of Artisanal Gold Mining In Las Juntas de Abangares (Common Ground Publishing)	Biology & Sustainability Studies
2/7/2023 9:10:31	jordannasprayberry@muh	Jordanna Sprayberry	I have engaged in scholarship in which the concept of "sustainability" is explicitly mentioned., I have engaged in scholarship that addresses one or more sustainability challenges are directly addressed (e.g., an SDG target or Earth Charter principle).	My scholarship is focused on the neuroethology of pollination, with a substantial focus on how odor-pollution could disrupt foraging behavior in bumblebees. Given the importance of wild bees to sustainable agriculture systems alongside problematic population declines, our work is highly germane to current sustainability efforts. Sommer, J., Rao, V. & Sprayberry, J. Deconstructing and contextualizing foraging behavior in bumble bees and other central place foragers. <i>Apidologie</i> 53, 32 (2022). https://doi.org/10.1007/s13592-022-00944-3 . (view only version: https://rdcu.be/cP7DR) David NF, Henry TJ, and Sprayberry JDH (2022). Odor pollution from fungicides disrupts learning and recognition of a common floral odor in Bumblebees (<i>Bombus impatiens</i>). <i>Frontiers in Ecology and Evolution</i> . DOI: 10.3389/fevo.2022.765388. Sprayberry JDH (2020). Compounds without borders: A mechanism for quantifying complex odors and responses to scent-pollution in bumblebees. <i>PLoS Computational Biology</i> . DOI:10.1038/s41598-018-32897-y Sprayberry JDH (2018). The prevalence of olfactory- versus visual-signal encounter by searching bumblebees. <i>Scientific Reports</i> . 8: 14590. DOI:10.1038/s41598-018-32897-y permalink: https://rdcu.be/8dF8 Sprayberry JDH, Ritter KA, and Riffell JA (2013). The effect of olfactory exposure to non-insecticidal agrochemicals on bumblebee foraging behavior. <i>PLoS One</i> . 8(10): e76273. DOI: 10.1371/journal.pone.0076273	Biology and Neuroscience
		Rita Chesterton		Alignment of innovation, enterpenership and venture development with sustainability onjectives. Grant from venturewell to support integration of Innovation & Entrepeneruship and sustainability education	Bus/INE
2/7/2023 9:11:43		Joseph Elliott	I have engaged in scholarship in which the concept of "sustainability" is explicitly mentioned., I have engaged in scholarship related to the interdependence of ecological and social/economic systems is addressed, I have engaged in scholarship that addresses one or more sustainability challenges are directly addressed (e.g., an SDG target or Earth Charter principle).	Photographic documentation & industrial archeology including work on brown fields, urban water distribution, and artisanal gold mining. Co-Author of In Exchange for Gold: The Legacy and Sustainability of Artisanal Gold Mining In Las Juntas de Abangares (Common Ground Publishing)	Art
2/7/2023 10:30:16	danielklem@muhlenberg.	Daniel Klem, Jr.	I have engaged in scholarship in which the concept of "sustainability" is explicitly mentioned., I have engaged in scholarship related to the interdependence of ecological and social/economic systems is addressed, I have engaged in scholarship that addresses one or more sustainability challenges are directly addressed (e.g., an SDG target or Earth Charter principle).	Study, writing, and teaching dedicated to making the human-built environment safe for birds the world over. Published over 100 scientific peer-reviewed reports and journal articles, and a recent book (Solid Air, Invisible Killer: Saving Billions of Birds from Windows) documenting sheet glass and plastic as a source of avian mortality and how to prevent significant avian population decline from this and other sources of human-caused attrition worldwide.	Biology, Muhlenberg College
2/7/2023 10:32:17	erikaiyengar@muhlenber	Erika Iyengar	I have engaged in scholarship that addresses one or more sustainability challenges are directly addressed (e.g., an SDG target or Earth Charter principle).	surveying invertebrate community (including pollution-sensitive taxa and invasive species) in local streams and the ponds at Graver Arboretum, monitoring change over time. . . . and student research on differences in animal responses to salinity stresses	Biology

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2/7/2023 11:14:56	alexandrafrazer@muhlen	Alexandra Frazer	I have engaged in scholarship in which the concept of "sustainability" is explicitly mentioned.	Motherscholar Collective, Bielski, L.M., Campbell-Obaid, M., Frazier, K. E., Frazer, A.K., Greene, C., Greene-Rooks, J.H., Key-DeLyria, S., McKagen, E.L., Myles-Baltzy, C.C., Richardson, I. (2022, accepted) Caught between a rock and a hot place: How mothers* of young children navigate climate precarity and barriers to collective action. "Mothering in a Time of Climate Change Precarity" (Edited Collection) Editor: Allison Davis. (Original Anticipated Publication date, November 2022).	Psychology
2/7/2023 12:19:27	raymondabarnes@muhlen	Raymond Barnes	None of the above apply to my research, scholarly or creative work	N/A	Art
2/7/2023 13:50:53	mattmoore@muhlenberg.	Matt Moore	I have engaged in scholarship in which the concept of "sustainability" is explicitly	All of my theatre courses are driven by a need to address social and environmental justice through embodied action, models of artistic Barri Gold and I have co-written a paper, currently under review, about the connections between narrative structure and climate change; it's called "In Defense of the Freaky Stuff: Marvel, Ecology & the Tyranny of the Bildungsroman." I presented some of the arguments of that paper on a panel for the University of Pennsylvania's Climate Week, October 13, 2022; see https://www.english.upenn.edu/events/2022/10/13/climate-movies .	Theatre
2/10/2023 18:18:15	francescacoppa@muhlen	Francesca Coppa	I have engaged in scholarship related to the interdependence of ecological and social/economic systems is addressed	This isn't 'scholarly' per se, but I thought I would submit it and let you decide if it qualifies. Students in my Environmental Journalism class are tasked with researching and reporting on issues relating to land ethics in the Lehigh Valley and publishing their work on a website I maintain: lehighvalleyalmanac.org . The students decide what they want to report on as a group and then examine the topic from different angles. For example, in City of Zinc my students examined the Palmerton Superfund site from various angles including why the people of Palmerton have a complicated relationship with the company that polluted their city but also created jobs and funded public works, or the difficulty in cleaning up toxic sites when the companies responsible are no longer in existence. You can read those stories here: https://lehighvalleyalmanac.org/issue01/	English and Film Studies
2/12/2023 4:34:57	saravigneri@muhlenberg.	Sara Vigneri	None of the above apply to my research, scholarly or creative work	Urban water quality assessment	Media & Communication
2/12/2023 13:48:27	karentuerk@muhlenberg.	Karen Tuerk	I have engaged in scholarship related to the interdependence of ecological and social/economic systems is addressed	Each of the three articles listed below consider the relationship between the forms and behaviors of non-human animals and the development/manifestation of Christian traditions in the ancient world. Though these works do not directly address sustainability per se in the contemporary world, they do address attitudes that are part of the history of Christianity that continue to influence the religion's responses to and understanding of ecological questions. Religious systems as cultural productions cannot help but reflect and influence their own context; this is true with regard to the social world, the economic landscape, as well as the natural environment. My work on animals in ritual and symbol works to demonstrate that if we neglect that natural environment in which religious traditions exist, we do so at the risk of understanding a significant factor in their development. "Wild Christology: On Foxes, Birds, and the Son of Man" in Exploring Animal Hermeneutics, Arthur Walker- Jones and Suzanna Millar, eds. SBL Press, forthcoming. "Contested Spaces and Contested Meanings in the Acts of Thomas" in Religion and Theology Vol.20.3-4 (2014). "The Liminal Donkey: A Reappraisal of the Palatine Crucifix" in Early Christianity Vol. 2.4 (2011).	Chemistry/Environmental Science
2/13/2023 15:33:52	williamgruen@muhlenber	William "Chip" Gruen	I have engaged in scholarship related to the interdependence of ecological and social/economic systems is addressed		Religion Studies

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2/13/2023 18:59:39	marciamorgan@muhlenb.	Marcia Morgan	I have engaged in scholarship in which the concept of "sustainability" is explicitly mentioned., I have engaged in scholarship that addresses one or more sustainability challenges are directly addressed (e.g., an SDG target or Earth Charter principle).	<p>My research since 2015 on forced migration and 'refugee crises' culminated in my 2020 book, <i>Care Ethics and the Refugee Crisis: Emotions, Contestation, and Agency</i> (Routledge)</p> <p>--Chapter included in Sustainable Development Goals Online: https://www.taylorfrancis.com/sdgo/?utm_medium=email&utm_source=EmailStudio&utm_campaign=SDG_O_3301117</p> <p>--Reviewed in Review of Politics (Cambridge University Press, University of Notre Dame): https://www.cambridge.org/core/services/aop-cambridge-core/content/view/BA79B5A4E52DAD3F16212E3CE86EC0FD/S0034670522001036a.pdf/review-essay-recent-works-in-the-political-theory-of-migration.pdf</p> <p>--Reviewed as "Key Work" in PhilPapers: https://philpapers.org/browse/immigration</p> <p>--Discussed in Oxford University Press Journal of Refugee Studies: https://academic.oup.com/jrs/advance-article/doi/10.1093/jrs/feac011/6552806?login=true</p> <p>Marcia Morgan, "Philosophy of Migration and Gender," September 8, 2022: "Methodological Nationalism in Political Theory," MANCEPT Workshops in Political Theory, Co-organized by Alex Sager and Clara Sandelind, University of Manchester.</p> <p>Marcia Morgan, March 18, 2022: Guest professor on the philosophy of migration, Autonomous University of Barcelona, Erasmus Mundus in German and French Philosophy- PhiAFEC master degree program under the direction of Begonya Saez Tajafuerce.</p> <p>Marcia Morgan, January 8, 2022: Invited commentary on papers by Christine Staehle and Alex Sager on refugees and asylum, Annual Meeting of the American Philosophical Association- Eastern Division, Baltimore MD.</p> <p>I continue to develop this work within the domain of gender equity I'm speaking on a panel in NYC on April 29 at the New School for Social Research as part of the "Gender Matters" annual conference, on a panel on gender and migration with Alexandra Delano (https://usmex.ucsd.edu/fellows/alexandra-delano-alonso.html) and expanding on my previous work on the philosophy of migration.</p>	Philosophy, Jewish Studies, Sustainability Studies, Women's and Gender Studies
		Jason Kelsey		Research on soil toxicology. I study what happens to pollutants like pesticides and industrial chemicals that find their way into natural systems. I have published over 20 articles in scholarly journals on factors and processes affecting biodegradation (essentially: bacteria eat and break down pollutants), bioaccumulation (essentially: movement of pollutants into organisms) and the clean up of toxic substances. I am proud to say that some of my best work was done in collaboration with talented and hard-working Muhlenberg undergraduates.	Chemistry/Environmental Science
		Marten Edwards		Insect Biology in relation to invasive insects such as the spotted lantern fly, and tick related disease and public health issues. Recently publication: Edwards, Marten J., James C. Russell, Emily N. Davidson, Thomas J. Yanushefski, Bess L. Fleischman, Rachel O. Heist, Julia G. Leep-Lazar, Samantha L. Stuppi, Rita A. Esposito, and Louise M. Suppan. "A 4-yr survey of the range of ticks and tick-borne pathogens in the Lehigh Valley region of eastern Pennsylvania." <i>Journal of medical entomology</i> 56, no. 4 (2019): 1122-1134.	Biology
		Ranjay Ray-Chaudhuri		Economic institutions in relation to development. Releavent publication: Ray-Chaudhuri, R. (2013, June). Institutional and infrastructural challenges to India's development. In <i>International Affairs Forum</i> (Vol. 4, No. 1, pp. 74-78). Routledge.	Business & Economics
		Mohsin Hashim		Assessing the Limits of Using the Energy Sector in Reviving Russia's Geopolitical Stature, Managing Dissent, Global Citizenship	Political Science

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		Christopher Borick		Public opinion research related to climate change and fracking. Relevant publications: Tvinnereim, E., Lægreid, O.M., Liu, X., Shaw, D., Borick, C. and Lachapelle, E., 2020. Climate change risk perceptions and the problem of scale: evidence from cross-national survey experiments. Environmental Politics, 29(7), pp.1178-1198. Sie, A., Brechin, S.R. and Borick, C.P., 2023. Mischen, P.A. and Palka Jr, J.T., 2022. FRAMING FRACKING THROUGH LOCAL LENSES. When Fracking Comes to Town: Governance, Planning, and Economic Impacts of the US Shale Boom, p.73. Contingencies of Climate Geoengineering and Moral Hazard.	Political science