

# Calvin Faculty Activity Reporting : FARs | College-wide Sustainability-related activities (2017-2018) - A-H public

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## College-wide Sustainability-related activities (2017-2018) - A-H public

If checked, no longer at Calvin	Summary
<b>Alford, Kristen - Social Work (1 Item)</b>	
	<b>Internal grant.</b> Water and Health: Contextualizing and Evaluating Water Filter Distribution in Liberia (Phase 2), McGregor
<b>Betts, Thomas - Business (1 Item)</b>	
	<b>Public Service.</b> Serve on the Lake Association Board (water quality) for Big Crooked Lake in Canonsburg, MI.
<b>Bjelland, Mark - Geology, Geography, &amp; Environmental Studies (3 Items)</b>	
	<b>Church group presentation.</b> Thinking About Climate Change Adult Education Forum. Ivanrest Christian Reformed Church, Grandville, Michigan. 10/8/2017
	<b>Talk contributed at a conference.</b> Mapping the Stories of Brownfield Revitalization in Michigan Cities Association of American Geographers Annual Meeting. Sheraton Hotel, New Orleans, Louisiana. April 13, 2018
	<b>Professional Svcs.</b> Referee, Antipode: A Journal of Radical Geography.
<b>Carpenter, Joel - Administration (1 Item)</b>	
	<b>Session panelist.</b> Vision 2029 Panel: A Christian University? panel presenter. Calvin College, Grand Rapids, Michigan. November 9, 2017
<b>De Ruiter, Stacy - Mathematics &amp; Statistics (3 Items)</b>	
	<b>Calvin department seminar.</b> Using regression and resampling to understand effects of noise on songbirds Mathematics and Statistics Colloquium. Calvin College, Grand Rapids, MI. 11/2/2017
	<b>Invited presentation/lecture.</b> Regression and Resampling to Review Continental-Scale Effects of Noise on North American Songbirds GVSU Mathematics Student Seminar. Grand Valley State University, Allendale, MI. 2/8/2018
	<b>Invited presentation/lecture.</b> Whales, noise, and...matrices? Kalamazoo College Mathematics and Statistics Seminar. Kalamazoo College, Kalamazoo, MI. 10/11/2017
<b>Halteman, Matt - Philosophy (10 Items)</b>	
	<b>Book chapter.</b> "Varieties of Harm to Animals in Industrial Farming," Animal Ethics for Veterinarians, Andrew Linzey and Clair Linzey, eds., Champagne-Urbana, IL: University of Illinois Press, 2017. Peer reviewed.
	<b>Journal article.</b> "We Are All Noah: Tom Regan's Olive Branch to Religious Animal Ethics," Between the Species, Volume 21 (1), Tom Regan: In Memoriam, 2018, 151-177. Peer reviewed. <a href="http://digitalcommons.calpoly.edu/bts/vol21/iss1/6/">http://digitalcommons.calpoly.edu/bts/vol21/iss1/6/</a>
	<b>Magazine article.</b> "Eating Toward Shalom: Why Food Ethics Matters for the 21st-century Church," (Cover Feature Article), The Banner, March 2018. <a href="https://www.thebanner.org/features/2018/02/eating-toward-shalom-why-food-ethics-matters-for-the-21st-century-church">https://www.thebanner.org/features/2018/02/eating-toward-shalom-why-food-ethics-matters-for-the-21st-century-church</a>
	<b>Church group presentation.</b> Food Justice Tuesday Table Fellowship Group (Trinity Reformed Church). Dykhuis household, Grandville, Michigan. April 24, 2018
	<b>Invited presentation/lecture.</b> "Animal Ethics, Christian Pacifism, and Eating as an Act of Discipleship" Advanced Seminar in Contemporary Christian Thought, Professor Kevin Sharpe. St. Cloud University, St. Cloud, Minnesota. October 2017
	<b>Invited presentation/lecture.</b> "The Vegan Imagination" Mad Farmer Food Festival Workshop (x3). DeVos Communication Center, Calvin College, Grand Rapids, Michigan. May 5, 2018
	<b>Invited presentation/lecture.</b> "Who Cares About Animals?! Animal Ethics in Theory and Practice" Food Systems and Ethics Seminar. University of Vermont, Burlington, Vermont. October 2
	<b>Invited presentation/lecture.</b> Film Discussion of Eating Animals Celebration Cinema Indie Film Series Discussion Event (Grand Rapids premiere of *Eating Animals*). Celebration Cinema Woodland, Grand Rapids, Michigan. July 11

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	<b>Keynote or plenary address.</b> "The Vegan Imagination" Plant-Based Roots (501c3) Inaugural Event. LINC UP, Grand Rapids, Michigan. April 20, 2018
	<b>Student Learning.</b> I presented a version of my talk "Who Cares About Animals?! Animal Ethics in Theory and Practice" to First Van Reken Floor Meeting and to Philosophy Symposium. The presentation included contact with first year students, and considers issues including sustainable agriculture, agricultural development in the Global South, and environmental apartheid.
	<b>Haney, Becky - Economics (1 Item)</b>
	<b>Journal article.</b> Sherwood, J., Ditta, A., Haney, B., Haarsma, L., Carbajales-Dale, M. Biophys Econ Resour Qual (2017) 2: 9. <a href="https://doi.org/10.1007/s41247-017-0026-z">https://doi.org/10.1007/s41247-017-0026-z</a> Peer reviewed. <a href="https://link.springer.com/article/10.1007/s41247-017-0026-z/fulltext.html">https://link.springer.com/article/10.1007/s41247-017-0026-z/fulltext.html</a>
	<b>Hardy, Lee - Philosophy (1 Item)</b>
	<b>Book authored.</b> The Embrace of Buildings: A Second Look at Walkable City Neighborhoods, (Grand Rapids: Calvin College Press, 2017) Peer reviewed. <a href="https://calvin.edu/directory/publications/the-embrace-of-buildings">https://calvin.edu/directory/publications/the-embrace-of-buildings</a>
	<b>Heffner, Gail - Administration (16 Items)</b>
	<b>Talk contributed at a conference.</b> Cultivating Inclusion and Equity in Watershed Restoration through Upstream-Downstream Partnerships River Rally. Resort at Squaw Creek, Lake Tahoe, California. May 1, 2018
	<b>Talk contributed at a conference.</b> Loving Our Downstream Neighbor. Michigan Interfaith Power and Light Sustainability Conference. Michigan State University, Lansing, MI. Oct. 6, 2017
	<b>External grant (not govt).</b> Grand River Rainscaping Program, National Fish and Wildlife Foundation, Five Star and Urban Waters Restoration Program
	<b>External grant (not govt).</b> Plaster Creek Stewards Greenhouse Project, Bosch Community Fund
	<b>External grant (not govt).</b> Reducing Stormwater in the Lower Grand River Watershed through Developing Youth Leadership in Green Infrastructure, Wege Foundation (via Grand Valley Metro Council)
	<b>Federal grant.</b> Lower Grand River Watershed Stormwater Implementation and Education Project, EPA--Great Lakes Restoration Initiative
	<b>State grant.</b> Plaster Creek Watershed Restoration Project 2, Michigan Department of Environmental Quality
	<b>State grant.</b> Plaster Creek Watershed Restoration Project 3, Michigan Department of Environmental Quality
	<b>Student Learning.</b> Faculty Advisor to the student organization, Environmental Stewardship Coalition
	<b>Student Learning.</b> Supervised interns, Plaster Creek Stewards
	<b>Student Learning.</b> Supervised several interns working with Plaster Creek Stewards during the 2017-18 academic year
	<b>Development &amp; Service.</b> Beyond Stewardship Faculty Development initiative (Provost's Office Major Research initiative)
	<b>Development &amp; Service.</b> Chair, Faculty Energy and Environmental Sustainability Committee (EESC)
	<b>Public Service.</b> Member, Groundswell Advisory Board, GVSU
	<b>Public Service.</b> Board of Directors, Healthy Homes Coalition
	<b>Public Service.</b> Member of the Leadership Team of the Community Sustainability Partnership (appointed by former Mayor George Heartwell)
	<b>Heun, Matt - Engineering (7 Items)</b>
	<b>Journal article.</b> L. Hardt, A. Owen, P. Brockway, M. K. Heun, J. Barrett, P. G. Taylor, T. J. Foxon, Untangling the drivers of energy reduction in the UK productive sectors: Efficiency or offshoring?, Applied Energy 223 (2018) 124-133. doi:10.1016/j.apenergy.2018.03.127. Peer reviewed. <a href="https://doi.org/10.1016/j.apenergy.2018.03.127">https://doi.org/10.1016/j.apenergy.2018.03.127</a>
	<b>Journal article.</b> M. K. Heun, A. Owen, and P. E. Brockway. A physical supply-use table framework for energy analysis on the energy conversion chain. Applied Energy, 226:1134-1162, Sep 2018. Peer reviewed. <a href="https://doi.org/10.1016/j.apenergy.2018.05.109">https://doi.org/10.1016/j.apenergy.2018.05.109</a>
	<b>Other publication.</b> M. K. Heun, A. Owen, and P. E. Brockway. A physical supply-use table framework for energy analysis on the energy conversion chain. Sustainability Research Institute Paper 111, University of Leeds, School of Earth and Environment, Sustainability Research Institute, Leeds, England, 13 November 2017. Peer reviewed. <a href="http://www.see.leeds.ac.uk/fileadmin/Documents/research/sri/workingpapers/sri-wp111.pdf">http://www.see.leeds.ac.uk/fileadmin/Documents/research/sri/workingpapers/sri-wp111.pdf</a>

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	<b>Invited presentation/lecture.</b> From Theory to Econometrics to Energy Policy: Cautionary Tales for Policymaking Using Aggregate Production Functions Energy Symposium. Energy Symposium, Austin, Texas. 9 November 2017
	<b>Award/honor.</b> Editor's Choice Article, Energies (journal)
	<b>Internal grant.</b> Beyond Stewardship, Calvin Center for Christian Scholarship
	<b>Internal grant.</b> Beyond Stewardship, Calvin Research Fellowship
	<b>Klatt, Lewis - English (2 Items)</b>
	<b>Creative writing piece (poem, short story, etc.).</b> "Michigan" in Zocalo Public Square, February 23, 2018 <a href="http://www.zocalopublicsquare.org/2018/02/23/michigan/chronicles/poetry/">http://www.zocalopublicsquare.org/2018/02/23/michigan/chronicles/poetry/</a>
	<b>Professional Svcs.</b> Invited presentation on Truth and Reconciliation in Creative Expression for David Hokema's Artist Collaborative Class.
	<b>Lewis, Francene - Library (1 Item)</b>
	<b>Talk contributed at a conference.</b> Sustainable cataloging: the Calvin Prison initiative and project management Mi-ALA conference. Kellogg Center, MSU, East Lansing, MI. May 18, 2018
	<b>Schuurman, Derek - Computer Science (1 Item)</b>
	<b>Newspaper article.</b> Derek Schuurman, "Repairable Tech", Christian Courier, December 11, 2017, p. 17. <a href="http://www.christiancourier.ca/columns-op-ed/entry/repairable-tech">http://www.christiancourier.ca/columns-op-ed/entry/repairable-tech</a>
	<b>Stearley, Ralph - Geology, Geography, &amp; Environmental Studies (2 Items)</b>
	<b>Book chapter.</b> Smith, G. R., and R. Stearley (2018). "Chapter 4. Significance of the 10-million-year history of Cutthroat Trout", in: P. Trotter, P. Bisson, L. Schultz, and B. Roper, eds., Cutthroat Trout: Evolutionary Biology and Taxonomy. Bethesda, Maryland, American Fisheries Society. Peer reviewed.
	<b>Book chapter.</b> Trotter, P., P. Bisson, B. Roper, L. Schultz, C. Ferraris, G. Smith and R. Stearley. "Chapter 1. A Special Workshop on the Taxonomy and Evolutionary Biology of Cutthroat Trout" In: P. Trotter, P. Bisson, L. Schultz and B. Roper, eds., Cutthroat Trout: Evolutionary Biology and Taxonomy. Bethesda, Maryland, American Fisheries Society. Peer reviewed.
	<b>Wunder, David - Engineering (4 Items)</b>
	<b>Other publication.</b> Annual Report: Data Analysis of Field Survey Results for Point One Filter Distribution, Use, and Impact in Liberia. Internal Document
	<b>Invited presentation/lecture.</b> Clean Water Institute of Calvin College Kentwood Rotary. Meeting, Kentwood, MI. Nov 8, 2017
	<b>Poster presentation.</b> Taste Perceptions of Chlorinated Water W. Michigan Undergraduate Research Conference. Van Andel Institute, Grand Rapids, MI. October 2017
	<b>Professional Svcs.</b> American Academy of Environmental Engineering and Science: EXCELLENCE IN ENVIRONMENTAL ENGINEERING AND SCIENCE Competition

## SUMMARY

Faculty Name	Dept.	Number of Items
Alford, Kristen	Social Work	1
Betts, Thomas	Business	1
Bjelland, Mark	Geology, Geography, & Environmental Studies	3
Carpenter, Joel	Administration	1
De Ruiter, Stacy	Mathematics & Statistics	3
Halteman, Matt	Philosophy	10
Haney, Becky	Economics	1

Faculty Name	Dept.	Number of Items
Hardy, Lee	Philosophy	1
Heffner, Gail	Administration	16
Heun, Matt	Engineering	7
Klatt, Lewis	English	2
Lewis, Francene	Library	1
Schuurman, Derek	Computer Science	1
Stearley, Ralph	Geology, Geography, & Environmental Studies	2
Wunder, David	Engineering	4
<b>Totals (15 groups)</b>		<b>54</b>