

College-wide Sustainability-related activities (2018-2019) - A-H public

If checked, no longer at Calvin	Summary
<b>Benson, David - Chemistry &amp; Biochemistry (1 Item)</b>	
	<p><b>Radio/TV program.</b> Not sure where this fits. I was interviewed by Fox17 on a "helium shortage" that local Party City stores reported to customers wanting helium balloons. While there is not an immediate helium shortage, helium is a non-renewable resource that we consume for high-tech instruments like MRIs. <a href="https://fox17online.com/2019/05/21/helium-shortage-not-yet-affecting-west-michigan/">https://fox17online.com/2019/05/21/helium-shortage-not-yet-affecting-west-michigan/</a></p>
<b>Betts, Thomas - Business (1 Item)</b>	
	<p><b>Public Service.</b> Serve on the Lake Association Board (water quality) for Big Crooked Lake in Canonsburg, MI.</p>
<b>Carpenter, Joel - Administration (2 Items)</b>	
	<p><b>Organized/chaired conference.</b> conference coordinator Conference on Faith and History's 50th Anniversary meeting. Prince Conference Center, Calvin College, Grand Rapids, Michigan. 4-7 October 2018</p>
	<p><b>Professional Svcs.</b> Chaired selection committee of the CCCU's initiative Grants program, Rosemont, IL, 15 March 2019.</p>
<b>Halteman, Matt - Philosophy (8 Items)</b>	
	<p><b>Book chapter.</b> Matthew C. Halteman, "Meat and Evil," in Andrew P. Chignell, *Evil: A History* (Oxford Philosophical Concepts), Oxford: Oxford University Press, 2019, 88-96. Peer reviewed. <a href="https://global.oup.com/academic/product/evil-9780199915477">https://global.oup.com/academic/product/evil-9780199915477</a></p>
	<p><b>Journal article.</b> Steven McMullen and Matthew C. Halteman, "Against Inefficacy Objections: The Real Economic Impact of Individual Consumer Choices on Animal Agriculture," <i>Food Ethics</i>, 1 (4), online first as of November 28, 2018. Peer reviewed. <a href="https://link.springer.com/epdf/10.1007/s41055-018-00030-4?author_access_token=13KWejGPZzfG2-w-oq_3Tve4RwlQNchNByi7wbcMAY56LgqTmwD45QXS1neBdnCGCd-Yw_jRdLg1ZB8gn7ER3Z2brxL9zsZloF-15BxyF954n4ilO5tok9Fx19SXdkuNBofmvVLXD6ilkr9XuoUjgQ%3D%3D&amp;fbclid=IwAR0NloVUaB7j32KsX28IG_we4-uZFNDRG1hQ8tArAU_j-b8js-gV4Pkru5s">https://link.springer.com/epdf/10.1007/s41055-018-00030-4?author_access_token=13KWejGPZzfG2-w-oq_3Tve4RwlQNchNByi7wbcMAY56LgqTmwD45QXS1neBdnCGCd-Yw_jRdLg1ZB8gn7ER3Z2brxL9zsZloF-15BxyF954n4ilO5tok9Fx19SXdkuNBofmvVLXD6ilkr9XuoUjgQ%3D%3D&amp;fbclid=IwAR0NloVUaB7j32KsX28IG_we4-uZFNDRG1hQ8tArAU_j-b8js-gV4Pkru5s</a></p>
	<p><b>Church group presentation.</b> Eating Toward Shalom: Why Food Ethics Matters for the 21st-century Church Adult Education Hour Presentation. Ferrysburg Community Church CRC, Ferrysburg, Michigan. October 7, 2018</p>
	<p><b>Invited presentation/lecture.</b> "Eating Toward Shalom: Why Food Ethics Matters for the 21st-Century Church" Forum on Earth-Honoring Faith . St. Christopher's Episcopal Church, Chatham, Massachusetts . 2/17/19</p>
	<p><b>Invited presentation/lecture.</b> "Eating Toward Shalom: Why Food Ethics Matters for the 21st-century Church" Leadership team education for employees at Love Thy Neighborhood. Love Thy Neighborhood (non-profit organization), Louisville, Kentucky. November 30, 2018</p>
	<p><b>Organized/chaired conference.</b> Animals and the Kingdom of God Lecture Series at Calvin College Organized the 11th Animals and the Kingdom of God Lecture Series with an address by Rev. Dr. Christopher Carter. Calvin College, Grand Rapids, Michigan. March 7, 2019</p>
	<p><b>Talk contributed at a conference.</b> "The Vegan Imagination and Religious Ethics" American Academy of Religion Annual Meeting. Colorado Convention Center, Denver, Colorado. November 19, 2018</p>
	<p><b>Professional Svcs.</b> I have been appointed as one of three U.S. observers on the following research project funded by the British government in partnership with the Churches of England, Scotland, and Wales: David Clough has been awarded a £450,000 research grant by the Arts and Humanities Research Council for a three-year project on the Christian Ethics of Farmed Animal Welfare in partnership with major UK churches and a number of other organizations (listed below). The project will produce the first academic monograph on the Christian ethics of farmed animal welfare and a framework for policies in relation to farmed animal welfare for Christian organizations, and will work to enable policy implementation as well as offering briefings to UK government policy-makers. David will work as part of a small interdisciplinary research team with Dr David Grumett (New College, Edinburgh), Dr Siobhan Mullan (School of Veterinary Sciences, Bristol University), Dr Margaret Adam as a postdoctoral researcher, and Dr Paul Hurley (University of Southampton) and in</p>

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	<p>partnership with the following organizations: Church of England Roman Catholic Church Church of Scotland Church in Wales Methodist Church United Reformed Church Church Investors Group Compassion in World Farming Anglican Society for the Welfare of Animals Catholic Concern for Animals Pasture-Fed Livestock Association Pan-Orthodox Concern for Animals Quaker Concern for Animals Veterinary Christian Fellowship The project will include site visits with partners to farms and slaughterhouses, and in the final phase will work with partner organizations to support implementation of the policy framework. It will present findings to the Church Commissioners and offer briefings to the Church of England bishops in the House of Lords, and the All-Party Parliamentary Group on Animals. Three US observers on the project (Charlie Camosy, Matt Halteman, and Grace Kao - all CreatureKind advisory council members) will advise on the feasibility of a US successor research project on the same model. News of the grant has been covered by Christian Today and Independent Catholic News and David was interviewed on Christian Premier Radio's "The News Hour" to talk about the project.</p>
	<p><b>Heffner, Gail - Administration (1 Item)</b></p>
	<p>Public Service. Board of Directors, Healthy Homes Coalition</p>
	<p><b>Heun, Matt - Engineering (13 Items)</b></p>
	<p><b>Book authored.</b> M. K. Heun. Smashing Prototypes in Beyond Stewardship: New approaches to creation care, chapter 1, pages 23â€”30. Calvin Press, Grand Rapids, Michigan, 2019. Peer reviewed. <a href="https://calvin.edu/directory/publications/beyond-stewardship">https://calvin.edu/directory/publications/beyond-stewardship</a></p>
	<p><b>Book edited or translated.</b> D. P. Warners and M. K. Heun, editors. Beyond Stewardship: New approaches to creation care. Calvin Press, Grand Rapids, Michigan, 2019. Peer reviewed. <a href="https://calvin.edu/directory/publications/beyond-stewardship">https://calvin.edu/directory/publications/beyond-stewardship</a></p>
	<p><b>Journal article.</b> M. de Wit, M. Heun, and D. Crookes. An overview of salient factors, relationships and values to support integrated energy-economic system dynamics modelling. Journal of Energy in Southern Africa, 29(4):27â€”36, 2018. Peer reviewed. <a href="http://dx.doi.org/10.17159/2413-3051/2018/v29i4a3417">http://dx.doi.org/10.17159/2413-3051/2018/v29i4a3417</a></p>
	<p><b>Journal article.</b> M. K. Heun and P. E. Brockway. Meeting 2030 primary energy and economic growth goals: Mission impossible? Applied Energy, 251(112697):1â€”24, May 2019. Peer reviewed. <a href="https://doi.org/10.1016/j.apenergy.2019.01.255">https://doi.org/10.1016/j.apenergy.2019.01.255</a></p>
	<p><b>Journal article.</b> R. Roberts, J. K. Musango, A. C. Brent, and M. K. Heun. The correlation between energy cost share, human, and economic development: Using time series data from Australasia, Europe, North America, and the BRICS nations. Energies, 11(2405):1â€”15, 2018. Peer reviewed. <a href="http://doi.org/10.3390/en11092405">http://doi.org/10.3390/en11092405</a></p>
	<p><b>Invited presentation/lecture.</b> Energy and Sustainability Invited lecture to science and engineering students. Grand Rapids Christian High School, Grand Rapids, Michigan. 6 May 2019</p>
	<p><b>Poster presentation.</b> Energy Use in Low GDP per Capita Nations: Societal Exergy Analysis of Honduras European Society for Ecological Economicsâ€”ESEE2019. University of Turku, Turku, Finland. 19 June 2019</p>
	<p><b>Talk contributed at a conference.</b> A database for world primary, final, and useful energy and exergy information European Society for Ecological Economicsâ€”ESEE2019. Univeristy of Turku, Turku, Finland. 20 June 2019</p>
	<p><b>Talk contributed at a conference.</b> Current disciplines and worldviews are insufficient to address sustainability challenges Christian Engineering Conference. Dordt College, Sioux Center, Iowa. 11 July</p>
	<p><b>Talk contributed at a conference.</b> Meeting 2030 primary energy and economic growth goals: Mission impossible? Application of physical supply-use table methods to energy conversion chain analysis for Ghana and the UK European Society for Ecological Economicsâ€”ESEE2019. Univeristy of Turku, Turku, Finland. 19 June 2019</p>
	<p><b>Talk contributed at a conference.</b> The energy effects of Brexit: Application of hybrid supply-use table methods to understand one of the largest economic shocks of our time European Society for Ecological Economicsâ€”ESEE2019. University of Turku, Turku, Finland. 19 June 2019</p>
	<p><b>Talk contributed at a conference.</b> Why faith in energy efficiency improvements to help meet the Paris Agreement could be misplaced: exploring evidence and implications of large, economy-wide rebound European Society for Ecological Economicsâ€”ESEE2019. University of Turku, Turku, Finland. 20 June 2019</p>
	<p><b>Public Service.</b> Member of the Board of Directors for the West Michigan Environmental Action Council, 2018-19 academic year</p>
	<p><b>Hoeksema, Robert - Engineering (4 Items)</b></p>

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	<p><b>Paper published in conference proceedings.</b> Hoeksema, R., Bradley, S. &amp; Rydbeck, B. (2018 December). Monitoring of Improvements to Rural Water System Disinfection in Ecuador. Paper presented at the 10th International Perspectives on Water Resources and the Environment, Cartagena, Colombia.</p>
	<p><b>CALL Noontime Lecture.</b> Reuse of Ancient Technology for Quenching Modern Thirst – Preservation and Reactivation of an Ancient Water Delivery System at the Umm el-Jimal Archeological Site in Jordan CALL Noontime Lecture. Calvin , Grand Rapids, MI. March 28, 2019</p>
	<p><b>Professional Svcs.</b> Engineering consulting at Fishbeck, Thompson, Carr &amp; Huber</p>
	<p><b>Professional Svcs.</b> Engineering consulting at Fishbeck, Thompson, Carr &amp; Huber</p>
<p><b>Kim, Yoon - Engineering (2 Items)</b></p>	
	<p><b>Paper published in conference proceedings.</b> IoT-Based Monitoring and Control Systems for Window Energy Management: Design and Implementation Peer reviewed. <a href="https://link.springer.com/chapter/10.1007/978-3-030-23357-0_7">https://link.springer.com/chapter/10.1007/978-3-030-23357-0_7</a></p>
	<p><b>Talk contributed at a conference.</b> IoT-Based Monitoring and Control Systems for Window Energy Management: Design and Implementation International Conference on Internet of Things 2019. Hotel, San Diego, California. June 25 - June 30</p>
<p><b>Koetje, Dave - Biology (1 Item)</b></p>	
	<p><b>Led Workshop.</b> Low Carbon Diet Climate Witness Project's Cooler-Smarter workshop series. Alger Park CRC, Grand Rapids, MI. March 7</p>
<p><b>Lam, Maria - Business (6 Items)</b></p>	
	<p><b>Journal article.</b> Making Industry self-regulation workable was published in the Journal of International Business Research and Practice (JIBRP), Vol. 13, 2019. Peer reviewed.</p>
	<p><b>Invited presentation/lecture.</b> Making industry self-regulation workable Academy of International Business, Midwest region, 2019 MBAA International Conference. Hotel, Chicago, Illinois. March 29, 2019</p>
	<p><b>Invited presentation/lecture.</b> Reflection from diversity management education 11th International Academy for Intercultural Research and 15th the China Association for Intercultural Communication. Shanghai International Studies University, Shanghai, People Republic of China. July 9, 2019</p>
	<p><b>Invited presentation/lecture.</b> Review and renew trusting relationships between American and Chinese business negotiators 11th International Academy for Intercultural Research. Shanghai International Studies University, Shanghai, People Republic of China. July 8, 2019</p>
	<p><b>Poster presentation.</b> Yoga meditation and wu-wei management Positive Organization Studies Research Conference. University of Michigan, Ann Arbor, U.S. June 5-6</p>
	<p><b>Session chair.</b> Intercultural Business 11th the International Academy for Intercultural Research and the 15th China association for intercultural communication. Shanghai International Studies University , Shanghai , People Republic of China. July 7-10, 2019.</p>
<p><b>Rohl, Darrell - History (1 Item)</b></p>	
	<p><b>Professional Svcs.</b> Served as primary Ph.D. supervisor for Nick Hannon, Archaeology at Canterbury Christ Church University (UK), from October 2015 to January 2019. Dr. Hannon's doctoral thesis, "The Hidden Landscape of a Roman Frontier Project," provides the first comprehensive analysis of multiple remote sensing datasets (including LiDAR, aerial photography, color infrared imaging, archaeological geophysics, historic mapping, and terrestrial laser scanning) in order to reveal new insights into, and to inform ongoing heritage management of, central Scotland's Antonine Wall, an UNESCO World Heritage Site. The project was a co-funded and co-supervised collaboration between Canterbury Christ Church University and Historic Environment Scotland, and Dr. Rohl was the academic lead on this project.</p>
<p><b>VanAntwerp, Jeremy - Engineering (2 Items)</b></p>	
	<p><b>Paper published in conference proceedings.</b> J. VanAntwerp and M. K. Heun, "Current disciplines and worldviews are insufficient to address sustainability challenges" in the proceedings of the 2019 Christian Engineering Conference, Dordt University, July 2019 Peer reviewed. <a href="http://www.christianengineering.org/conferences-events/2019-christian-engineering-conference">http://www.christianengineering.org/conferences-events/2019-christian-engineering-conference</a></p>

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Talk contributed at a conference. Current disciplines and worldviews are insufficient to address sustainability challenges 2019 Christian Engineering Conference. Dordt University, Sioux Center, IA. July 11-13, 2019	
<b>Warners, David - Biology (5 Items)</b>	
Book chapter. Warners, D. P. 2019. Walking Through a World of Gifts. Chapter 14 in Beyond Stewardship: New approaches to creation care. Calvin Press, Grand Rapids, Michigan. Pages 185-194. Peer reviewed. <a href="http://beyondstewardship.org">http://beyondstewardship.org</a>	
Book edited or translated. Warners, D. P. and M. K. Heun, editors. 2019. Beyond Stewardship: New approaches to creation care. Calvin Press, Grand Rapids, Michigan. 236 pp. Peer reviewed. <a href="http://beyondstewardship.org">http://beyondstewardship.org</a>	
Award/honor. Urban Waters Learning Network Signature Award, Urban Waters Learning Network and US EPA	
External grant (not govt). Emma J. Cole Grand Rapids Flora Project, The Michigan Botanical Foundation	
External grant (not govt). Michigan Sea Grant Fellowship, Michigan Sea Grant	

## SUMMARY

Faculty Name	Dept.	Number of Items
Benson, David	Chemistry & Biochemistry	1
Betts, Thomas	Business	1
Carpenter, Joel	Administration	2
Halteman, Matt	Philosophy	8
Heffner, Gail	Administration	1
Heun, Matt	Engineering	13
Hoeksema, Robert	Engineering	4
Kim, Yoon	Engineering	2
Koetje, Dave	Biology	1
Lam, Maria	Business	6
Rohl, Darrell	History	1
VanAntwerp, Jeremy	Engineering	2
Warners, David	Biology	5
<b>Totals (13 groups)</b>		<b>47</b>