

Bethany Laursen, Ph.D.

Curriculum Vitae

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Education

2020	Ph.D. Community Sustainability , Certificate in College Teaching Michigan State University Dissertation: <i>Cross-disciplinary integration: Through argumentation and for sustainability</i>
2020	M.A. Philosophy , Michigan State University
2013	M.S. Environment & Resources and Forestry , University of Wisconsin-Madison
2006	B.S. Biological Sciences, Chemistry minor , Biola University, <i>summa cum laude</i> Torrey Honors Institute, Highest Honors

Professional Appointments

2023–Present	Team Science Specialist , Michigan Institute for Clinical & Health Research, University of Michigan-Ann Arbor
2023	Convergence Postdoctoral Researcher , Occoquan Watershed Monitoring Laboratory, Virginia Tech
2020–2023	Assistant Dean , The Graduate School, Michigan State University
2021–2022	Affiliate Faculty , Center for Interdisciplinarity, Michigan State University
2014–Present	Founder and Integration & Implementation Specialist , Laursen Evaluation & Design, LLC
2015	Evaluation Communications Specialist , Program Development & Evaluation, University of Wisconsin-Extension
2014–2015	Evaluation Outreach Specialist , Solid and Hazardous Waste Education Center, University of Wisconsin-Madison and University of Wisconsin-Extension
2013–2014	Office of Human Resources Development Fellow , University of Wisconsin-Madison
2009–2011	Outdoor Classroom Instructor and Wilderness Trip Leader , The Chewonki Foundation, Wiscasset, ME
2007–2008	Science and Math Teacher , Grades 5–10, Maine Classical Christian School, Freeport, ME
2006–2007	Naturalist & Program Specialist , Alliance Redwoods Christian Conference Grounds, Occidental, CA

Areas of Interest

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| • Knowledge integration | • Participatory methods |
| • Sense making tools | • Communicating research for practice |
| • Values in addressing wicked problems | • Research & evaluation capacity building |

Publications

Peer-Reviewed Research

In press	Laursen, B. , Michelini, G., Paulsen, T., Robson-Williams, M., and Vienni-Baptista, B. Using toolkits as infrastructure for interdisciplinary and transdisciplinary research. In M. Simoens and B. Borneman (Eds). <i>Elgar Handbook of Sustainability Transformations: Social Science Perspectives</i> . Edward Elgar Publishing.
2026	Love, H. B., Fisher, E., Laursen, B. , and Dickman, E. Untapped potential: Graduate students as catalysts in scientific discovery. <i>Frontiers in Psychology</i> , 17, 1746739. https://doi.org/10.3389/fpsyg.2026.1746739

- 2026 **Laursen, B.**, LaPensee, E., Brudzinski, M., and Richards, B. Strategy Jams: Using design thinking to charter teams with compelling purpose and sound structure. *Frontiers in Psychology*, 17, 1746557. <https://doi.org/10.3389/fpsyg.2026.1746557/>
- 2026 Grant, S. B., Bhide, S. V., Spiesman, A., Misra, S., Rippey, M. A., Galik, C. S., Birkland, T. A., Schenk, T., Kaushal, S. S., Vikesland, P., Knocke, W., Husic, A., Post, H., Coneway, C., Prelewicz, G., Steglitz, B., **Laursen, B.**, Rowles, K., Curtis, S., & Studholme, A. (2026). Social-ecological-technological drivers of freshwater salinization in the Occoquan Reservoir, United States. *Communications Earth & Environment*, 7(1), 133. <https://doi.org/10.1038/s43247-025-03152-w>
- 2025 **Laursen, B. K.**, AtKisson, M. S., Love, H. B., and Glauber, K. M. To advance translational science, remove these roadblocks to studying team knowledge integration. *Journal of Clinical and Translational Science*, 9(1): e210. <https://doi.org/10.1017/cts.2025.10137>
- 2024 **Laursen, B. K.** Integrative topologies: Customizable models for crossdisciplinary knowledge integration. *Issues in Interdisciplinary Studies*, 42(1-2). <https://interdisciplinarystudies.org/vol42-integrative-topologies-customizable-models-for-crossdisciplinary-knowledge-integration/>
- Best poster award at the 2025 Science of Team Science Conference
- 2024 **Laursen, B. K.**, Vienni-Baptista, B., Bammer, G., Di Giulio, A., Paulsen, T., Robson-Williams, M., and Studer, S. Toolkiting: An unrecognized form of expertise for overcoming fragmentation in inter- and transdisciplinarity. *Humanities and Social Sciences Communications*, 11(1): 1-10. <https://doi.org/10.1057/s41599-024-03279-9>
- 2024 **ITD Alliance Working Group on Toolkits and Methods.** Toolkits. In F. Darbellay (Ed.), *Elgar Encyclopedia of Interdisciplinarity and Transdisciplinarity* (pp. 533–537). Edward Elgar Publishing.
- 2023 **Laursen, B. K.**, Motzer, N., and Anderson, K. Pathway profiles: Learning from five main approaches to assessing interdisciplinarity. *Research Evaluation*, 32(2): 213-227. <https://doi.org/10.1093/reseval/rvac036>
- Best paper award at the 2022 Science of Team Science conference
- 2022 **Laursen, B. K.**, Motzer, N., and Anderson, K. Pathways for assessing interdisciplinarity: A systematic review. *Research Evaluation*, 31(3): 326–343. <https://doi.org/10.1093/reseval/rvac013>
- 2021 Hedelin, B., Gray, S., Woehlke, S., BenDor, T. K., Singer, A., Jordan, R., Zellner, M., Giabbanelli, P., Glynn, P., Jenni, K., Jetter, A., Kolagani, N., **Laursen, B.**, Leong, K. M., Olabisi, L. S., & Sterling, E. What's left before participatory modeling can fully support real-world environmental planning processes: A case study review. *Environmental Modelling & Software*, 143(6), 105073. <https://doi.org/10.1016/j.envsoft.2021.105073>
- 2021 **Laursen, B. K.**, Gonnerman, C., and Crowley, S. Improving philosophical dialogue interventions to better resolve problematic value pluralism in collaborative environmental science. *Studies in the History & Philosophy of Science*, 87, 54–71. <https://doi.org/10.1016/j.shpsa.2021.02.004>
- 2020 Eigenbrode, S. D., Vasko, S. E., Malavisi, A., **Laursen, B. K.**, O'Rourke, M. Future directions for the Toolbox Dialogue Initiative. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The power of cross-disciplinary practice* (pp. 162–178). CRC Press. <https://doi.org/10.1201/9780429440014-11>
- 2020 O'Rourke, M., Hall, T. E., **Laursen, B. K.** The power of dialogue. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The power of cross-disciplinary practice* (pp. 94–115). CRC Press. <https://doi.org/10.1201/9780429440014-7>
- 2020 Gonnerman, C., Hubbs, G., **Laursen, B. K.**, Malavisi, A. The power of philosophy. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The power of cross-disciplinary practice* (pp. 82–93). CRC Press. <https://doi.org/10.1201/9780429440014-6>

- 2020 **Laursen, B. K.** Liberal education and effective action: A commentary. *Journal of General Education* 68(3-4), 307-310. <https://doi.org/10.5325/jgeneeduc.68.3-4.0307>
- 2019 **Laursen, B. K.** and O'Rourke, M. Thinking with Klein about integration. *Issues in Interdisciplinary Studies*, 37(2), 33-61. https://interdisciplinarystudies.org/wp-content/issues/vol37_2019_No2/05_Vol.37_No.2_pp_33-61_Laursen_O'Rourke.pdf
- 2019 O'Rourke, M., Crowley, S., **Laursen, B.**, Robinson, B., and Vasko, S. E. Disciplinary diversity in teams, integrative approaches from unidisciplinarity to transdisciplinarity. In K. L. Hall, A. L. Vogel, and R. T. Croyle (Eds.), *Strategies for team science success: Handbook of evidence-based principles for cross-disciplinary science and practical lessons learned from health researchers* (pp. 21–46). Springer International Publishing. http://doi.org/10.1007/978-3-030-20992-6_2
- 2019 Walters, R., Kenzie, E., Metzger, A., Baltutis, W. J., Chakrabarti, K., Hirsch, S., and **Laursen, B. K.** A systems thinking approach for eliciting mental models from visual boundary objects in hydropolitical contexts: A case study from the Pilcomayo River Basin. *Ecology & Society* 24(2), <https://doi.org/10.5751/ES-10586-240209>
- 2018 **Laursen, B. K.** What is collaborative, interdisciplinary reasoning? The heart of interdisciplinary team science. *Informing Science: The International Journal of an Emerging Transdiscipline*, 21, 75–106. <http://doi.org/10.28945/4010>
- Reprinted (2020) in S. Misra and G. Lottrechiano (Eds.), *Communication in Transdisciplinary Teams* (pp. 55-90). Informing Science Press.
- 2018 Voinov, A. A., Jenni, K., Gray, S., Kolagani, N., Glynn, P. D., Bommel, P., Prell, C., Zellner, M., Paolisso, M., Jordan, R., Sterling, E. J., Schmitt-Olabisi, L., Giabbanelli, P. J., Sun, Z., Page, C. L., ElSawah, S., BenDor, T. K., Hubacek, K., **Laursen, B. K.**, ... Smajgl, A. Tools and methods in participatory modeling: Selecting the right tool for the job. *Environmental Modelling & Software*, 109, 232–255. <https://doi.org/10.1016/j.envsoft.2018.08.028>
- 2018 **Laursen, B. K.** On the intersection of interdisciplinary studies and argumentation studies: The case of inference to the best explanation. *Issues in Interdisciplinary Studies*, 36(1), 93–108. https://interdisciplinarystudies.org/wp-content/issues/vol36No12018/05_93-125.pdf
- 2018 Jordan, R., Gray, S., Zellner, M., Glynn, P. D., Voinov, A., Hedelin, B., Sterling, E. J., Leong, K., Olabisi, L. S., Hubacek, K., Bommel, P., BenDor, T. K., Jetter, A. J., **Laursen, B. K.**, Singer, A., Giabbanelli, P. J., Kolagani, N., Carrera, L. B., Jenni, K., Prell, C., and the National Socio-Environmental Synthesis Center Participatory Modeling Pursuit Working Group. Twelve questions for the participatory modeling community. *Earth's Future*, 6(8), 1046–1057. <https://doi.org/10.1029/2018ef000841>
- 2017 Gray, S., Voinov, A., Paolisso, M., Jordan, R., BenDor, T., Bommel, P., Glynn, P., Hedelin, B., Hubacek, K., Introne, J., Kolagani, N., **Laursen, B. K.**, Prell, C., Schmitt Olabisi, L., Singer, A., Sterling, E. and Zellner, M. Purpose, processes, partnerships, and products: 4Ps to advance participatory socio-environmental modeling. *Ecological Applications*, 28(1), 46–61. <http://doi.org/10.1002/eap.1627>
- 2015 Green, M. B., **Laursen, B. K.**, Campbell, J. R., McGuire, K. T., and Kelsey, E. Stable water isotopes suggest sub-canopy water recycling in a northern forested catchment. *Hydrological Processes*, 29, 5193-5202. <http://doi.org/10.1002/hyp.10706>
- 2014 **Laursen, B. K.** Standing in line, standing in a legacy: An environmental history of the Babcock Hall dairy store. *The Wisconsin Magazine of History*, 97(3), 3-15. <http://doi.org/10.2307/24402399>

Practice-Oriented Publications

- 2026 **Laursen, B.** 5 steps to solving big problems with knowledge integration [Infographic]. Michigan Institute for Clinical and Health Research, University of Michigan.

- 2025 Truax, T., Piechowski, P., Larkin, K., **Laursen, B. K.**, Samuels, E., Smirnova, I., Washington, S., and Wilczek, K. Embracing nonlinearity: A nuanced perspective on team science competency development. *Journal of Clinical and Translational Science* 9(1): e30. <https://doi.org/10.1017/cts.2024.1167>
- 2024 **Laursen, B. K.**, Vienni-Baptista, B., Bammer, G., Di Giulio, A., Paulsen, T., Robson-Williams, M., & Studer, S. Considerations for creating and funding new toolkits for inter- and transdisciplinary research. *I2insights Blog & Repository*. <https://i2insights.org/2024/09/03/creating-and-funding-toolkits/>
- 2024 **Laursen, B. K.** Commentary 9.2: Institutional and student responsibility when professionals return to interdisciplinary graduate study. In Vienni-Baptista, B., van Goch, M., van Lambalgen, R., and Lindvig, K. E. (Eds). *Interdisciplinary practices in higher education: Approaches to teaching, researching and collaborating* (pp.176-180). Routledge.
- 2023 **Laursen, B. K., Motzer, N., and Anderson, K.** Evaluating interdisciplinarity. *AEA365.org* <https://aea365.org/blog/reflections-on-practicum-assignments-part-iii-supervisor-perspectives-by-marshall-bailly-assetou-barry-beverly-peters-danuta-dobosz-talatha-kiazolu-reeves-jillian-klarman-michael-petillo-and-2/>
- 2022 **Laursen, B. K., Crowley, S., and Gonnerman, C.** Basic steps for dealing with problematic value pluralism. *I2Insights Blog & Repository*. <https://i2insights.org/2022/02/22/problematic-value-pluralism/>
- 2020 **Members of the SESYNC theme** “Building Resources for Complex, Action-Oriented Team Science.” Effectively including online participants in onsite meetings. *I2insights.org*. <https://i2insights.org/2020/03/24/effective-online-plus-onsite-meetings/>
- 2020 Long, C. P. and **Laursen, B. K.** The liberal arts endeavor: Valuing peer review. *Journal of General Education* 68(3-4), vii-xi. <https://doi.org/10.5325/jgeneeduc.68.3-4.vii>
- 2020 Long, C. P. and **Laursen, B. K.** The liberal arts endeavor: Celebrating a quarter center of University Studies at Portland State. *Journal of General Education* 67(1-2), v-viii. <https://doi.org/10.5325/jgeneeduc.67.1-2.v>
- 2020 Long, C. P. and **Laursen, B. K.** The liberal arts endeavor: Enacting values in general education reform. *Journal of General Education* 66(3-4), v-vii. <https://doi.org/10.5325/jgeneeduc.66.3-4.v>
- 2019 **Laursen, B. K.** What’s valuable about the environment? *AEA365.org*. April 22. <https://aea365.org/blog/epe-tig-week-whats-valuable-about-the-environment-by-bethany-laursen/>
- 2018 **Laursen, B. K.** What else can you do with SNA besides SNA? *AEA365.org*, February 14. <http://aea365.org/blog/sna-tig-week-what-else-can-you-do-with-sna-besides-sna-by-bethany-laursen/>
- 2017 **Laursen, B. K.** Making sense of wicked problems. *I2Insights.org*, March 2. <https://i2insights.org/2017/03/02/making-sense-of-wicked-problems/>
- 2016 **Laursen, B. K.** Lessons learned from hosting a virtual (un)conference for group learning. *AEA365.org*, April 16. <http://aea365.org/blog/systems-in-eval-tig-bethany-laursen-on-lessons-learned-from-hosting-a-virtual-unconference-for-group-learning/>
- 2015 **Laursen, B. K.** Defining the standard for ‘good’ when using social network analysis as an evaluation tool. *AEA365.org*, July 21. <http://aea365.org/blog/sna-tig-week-bethany-laursen-on-defining-the-standard-for-good-when-using-social-network-analysis-as-an-evaluation-tool/>
- 2014 **Laursen, B. K.** How to evaluate the situation, not just the program: It’s complex! *AEA365.org*, July 3. <http://aea365.org/blog/bethany-laursen-on-how-to-evaluate-the-situation-not-just-the-program-its-complex/>
- 2014 **Laursen, B. K.** The *sina qua non* is Christ: A synthesized model of excellent education. *Journal for the Society of Classical Learning*, VII, 26–28.

- 2013 **Laursen, B. K.** Sustaining multifunctional landscapes through expertise networks: Executive summary. University of Wisconsin-Madison.
- 2012 **Laursen, B. K.** Stewardship meets complexity theory. (D. Bouma, Ed.) The Au Sable Institute for Environmental Studies. March 15.
- 2010 **Laursen, B. K.** Water quality monitoring is addictive; beware! Merrymeeting News. Winter. Friends of Merrymeeting Bay.

Tools & Templates

- 2026 **Laursen, B.** *Toolkit evaluation guide*. Michigan Institute for Clinical and Health Research, University of Michigan. <https://doi.org/10.5281/zenodo.19930570>
- 2025 **Laursen, B.** *Integrative pathways planning worksheets (1.0)*. Laursen Evaluation and Design, LLC. <https://doi.org/10.17613/3m0am-wrj80>
- 2025 **Laursen, B.** *Collaborative manuscript template for Google Docs (1.0)*. University of Michigan. <https://doi.org/10.17613/5qp2h-f5z71>
- 2025 **Laursen, B., O'Rourke, M., & Crowley, S.** *Menus of integrative and non-integrative relations (version 2.0)*. Knowledge Commons. <https://doi.org/10.17613/p9tt3-qe921>
- 2021 **Laursen, B. K.** *The DIY Boundary Spanning Field Notebook* (version 1.0) Laursen Evaluation and Design, LLC. <https://doi.org/10.17613/y84j-8n95>
- 2015 **Laursen, B.** System story worksheets. Laursen Evaluation and Design, LLC.

In Preparation

- In preparation **Laursen, B., Lund, K., Mennes, J., Weber, E., and Zogheib, C.** Integrative topologies at work: Example uses of a new tool for integration theory and practice.
- In preparation O'Rourke, M., Mennes, J., **Laursen, B.**, Gonnerman, C., Robinson, B., & Crowley, S. Modeling varieties of integration.

Datasets

- 2022 **Laursen, B. K., Anderson, K., and Motzer, N.** Systematic review of the literature assessing interdisciplinarity from 2000 to 2019 [interactive visualization]. Version 0.3. Gaston, Clark [producer]. Grand Rapids, MI: Laursen Evaluation & Design, LLC [host]. <https://tinyurl.com/IDevalDataviz>
- 2022 **Laursen, B. K., Anderson, K., and Motzer, N.** Systematic review of the literature assessing interdisciplinarity from 2000 to 2019. Harvard Dataverse. V4, UNF:6:UKaEjVNGIKift5LU3ZH6HQ== [fileUNF]. <http://doi.org/10.7910/DVN/6UCNKW>
- 2020 **Laursen, B. K., Anderson, K., and Motzer, N.** Systematic review of the literature assessing interdisciplinarity from 2000 to 2019 [interactive visualization]. Version 0.2. Read, Q. D. and Hondula, K. L. [producers]. Annapolis, MD: National Center for Socio-Environmental Synthesis [host]. <https://leadllc.shinyapps.io/evaluation-sankey>

Publicly Engaged Scholarship

- 2016 Making sense of sense making: An online performance of real-time research. Public philosophy (concept analysis) using a polystyrene ball, videos, blog posts, comments, and pictures. <http://sensemaking.bethanylaursen.com>

Extramural Funding (\$83,000)

- 2023 Improving institutional diversity in professional society participation through virtual and hybrid conferencing. National Science Foundation. Funded. PI: Megan Fork. I was the evaluator. Evaluation contract **\$50,000**. (Total award: \$390,382).

- 2020 *Public Philosophy Journal* sustainability: Formative peer review application. Mellon Foundation. Funded. Team leads: Christopher P. Long, Kathleen Fitzpatrick, and Scott Schopieray. I assisted in writing the proposal. (Total award: \$410,000).
- 2016 Transcending boundaries: Guiding the use of boundary objects to better represent social-ecological systems in international transboundary water collaboration. National Center for Socio-Environmental Synthesis. Funded. Team leads: Alex Metzger and Jason Walters. I assisted in writing the proposal. Subaward: **\$2,000 plus travel funds**. (Total award: \$14,000 plus travel funds).
- 2015 Attitudes toward animal agriculture: Understanding and influencing attitudes using experiential learning. Michigan Alliance for Animal Agriculture. Funded. PI: Paul Thompson. I assisted in writing the proposal. Subaward: **\$31,000**. (Total award: \$43,771).

Presentations

Peer-reviewed Conferences

- 2026 **Laursen, B.**, Lund, K., Mennes, J., Weber, E., and Zogheib, C. Integrative topologies at work: Example uses of a new tool for integration theory and practice. [Presentation]. Science of Team Science 2026 Conference. Vancouver, BC, Canada.
- 2026 **Laursen, B.**, and Vienni-Baptista, B. What makes a translational scientist? [Poster]. Translational Science 2026 Conference. Milwaukee, WI, USA. <https://www.cureus.com/posters/3253-what-makes-a-translational-scientist>
- 2026 Samuels, E., **Laursen, B.**, Scott, C., Helegda, K., Truax, T., Blakely, S., Piechowski, T., and Reifler, A. Identifying the ingredients of a self-organized learning community for clinical and translational scientists [Poster]. Translational Science 2026 Conference. Milwaukee, WI, USA. <https://www.cureus.com/posters/3290-identifying-the-ingredients-of-a-self-organized-learning-community-for-clinical-and-translational-scientists>
- 2025 **Laursen, B.** Integrative topologies: A new tool for integration specialists [Poster]. Science of Team Science 2025 Conference. Virtual. <https://www.cureus.com/posters/3038-integrative-topologies-a-new-tool-for-integration-specialists>.
- Best poster award
- 2025 **Laursen, B.**, and LaPensee, E. Using design thinking in Strategy Jams: Early evidence of impact [Poster]. Science of Team Science 2025 Conference. Virtual. <https://www.cureus.com/posters/3039-using-design-thinking-in-strategy-jams-early-evidence-of-impact>
- 2025 Piechowski, P., Larkin, K., Samuels, E., Scott, C., Truax, T., Washington, S., and **Laursen, B.** Connection and thought: Broadly-engaged team science learning community [Poster]. Science of Team Science 2025 Conference. Virtual. <https://www.cureus.com/posters/3037-connection-and-thought-broadly-engaged-team-science-learning-community>
- 2024 **Laursen, B. K.**, Crowley, S., Gonnerman, C., Mennes, J., O'Rourke, M., and Robinson, B. Modeling varieties of integration. Inter- and Transdisciplinarity 2024. Utrecht, Netherlands. November 1-4.
- 2024 Brudzinski, M., & **Laursen, B. K.** Strategy Jams: Using design thinking to charter teams with compelling purpose and sound structure. Poster presented at the 15th Annual Science of Team Science Conference. Virtual. July 29-August 1.
- 2023 Lund, K., **Laursen, B. K.**, Crowley, S., and O'Rourke, M. Integration topologies help interdisciplinary researchers critically reflect on their collaboration [Poster] Presented at the 14th Annual Science of Team Science Conference. Bethesda, MD. July. <https://shs.hal.science/hal-04376278/>
- 2022 **Laursen, B. K.**, Robson-Williams, M., Studer, S., Di Giulio, A., and Kestra, M. Do we need more toolkits for interdisciplinarity? Creating a federated knowledge bank of

- interdisciplinary tools and methods [Presentation]. Presented at the Association for Interdisciplinary Studies conference. Rohnert Park, CA. November 10-12.
- 2022 **Laursen, B. K.**, Motzer, N., & Anderson, K. J. Five main approaches to assessing interdisciplinarity [Presentation]. Presented at the 13th Annual Science of Team Science Conference, Virtual. August 1-3. *Best paper award*.
- 2021 O'Rourke, M., Gonnerman, C. G., Crowley, S., Robinson, B., and **Laursen, B. K.** Grounding crossdisciplinary integration: Toward a theory of microintegration [Presentation]. Presented at the International Transdisciplinarity Conference. Virtual.
- 2021 Crowley, S., **Laursen, B. K.**, and Gonnerman, C. G. Problematic values pluralism: What is it and what can be done? [Presentation]. Presented at the 12th Annual Science of Team Science Conference, Virtual. June 1-4. https://youtu.be/z_j41hApoMU
- 2021 Hendren, C. O., Glauber, K., **Laursen, B. K.**, Love, H., Heberger-Marino, A., and Veazey, A. Facilitation workshop theater: A 90-minute immersive demonstration [Presentation]. Presented at the 12th Annual Science of Team Science Conference, Virtual. June 1-4.
- 2020 **Laursen, B. K.**, Motzer, N., and Anderson, K. Results of a systematic review show how to improve measurement of interdisciplinarity [Presentation]. Presented at the 11th Annual Science of Team Science Conference, Virtual. June 4-8. <https://youtu.be/q89CcZyHfr8>
- 2019 **Laursen, B. K.** and O'Rourke, M. Detecting integrative discourse in team meetings [Presentation]. The International Transdisciplinarity Conference, Gothenburg, Sweden. September 9-13.
- 2019 **Laursen, B. K.**, Motzer, N., and Anderson, K. A new methodology for evaluating integration in interdisciplinary research products [Presentation]. Presented at the 10th Annual Science of Team Science Conference, Lansing, MI. May 20-23.
- 2018 O'Rourke, M. & **Laursen, B. K.** Understanding interdisciplinary integration: Learning from Julie Thompson Klein [Presentation]. Presented at the Association for Interdisciplinary Studies annual conference, Detroit, MI. October 12.
- 2018 **Laursen, B. K.**, & O'Rourke, M. Evidence for integrative reasoning in interdisciplinary team science [Presentation]. Presented at the 8th annual Science of Team Science Conference, Galveston, TX. May 21-24.
- 2018 Hubbs, G., **Laursen, B. K.**, Rinkus, M. A., Robinson, B., & Vasko, S. E. The Toolbox Dialogue Initiative: Evidence of effectiveness and new directions [Presentation]. Presented at the 8th annual Science of Team Science Conference, Galveston, TX. May 21-24.
- 2017 Walters, R., Kenzie, E., Metzger, A., Baltutis, W. J., Chakrabarti, K., Hirsch, S., and **Laursen, B. K.** Transcending hydro-social boundaries: the use of system thinking boundary objects toward improved collaborative governance in the La Plata River Basin [Presentation]. Presented at the International Sustainable Development Research Society Conference. November.
- 2017 **Laursen, B. K.** What is collaborative, interdisciplinary reasoning? The heart of interdisciplinary team science [Presentation]. Presented at the 7th annual Science of Team Science conference, Clearwater Beach, FL.
- 2017 **Laursen, B. K.** What is collaborative, interdisciplinary reasoning? The heart of interdisciplinary team science [Presentation]. Presented at the 7th annual Values in Medicine, Science, and Technology conference, Dallas, TX. May 19.
- 2016 **Laursen, B. K.**, Siegford, J., Thorp, L., Thompson, P. B., and Rozeboom, D. College student perceptions of animal welfare are sensitive to experiential farm tours and classroom pedagogy [Presentation]. International Society for Applied Ethology, Edinburgh, Scotland. July 11-15.
- 2016 **Laursen, B. K.** Explicating and negotiating bias in interdisciplinary inquiry using abductive tools [Presentation]. Presented at the 11th Conference of the Ontario Society for the Study of Argumentation, Windsor, Ontario, Canada. May 18-21.

- 2015 **Laursen, B. K.** More than just a needs assessment: Putting the analysis back in SWOT analysis to find the best fit between your program and the situation [Presentation]. American Evaluation Association National Conference, Chicago, IL. November.
- 2014 Pappalardo, G., **Laursen, B. K.**, and Pecorino, B.. Assessing adaptive co-management capacity for improving the LEADER Initiative: Findings from two Sicilian Local Action Groups [Presentation]. International Symposium on Society and Resource Management, Hanover, Germany. June.
- 2013 **Laursen, B. K.** Sustaining complexity by evaluating expertise networks: A case study from a Driftless Area landscape [Presentation]. Environmental Evaluators Network Pacific Forum, Corbett, OR. September.
- 2011 **Laursen, B. K.** Water isotopes suggest seasonality, water recycling, and mixing drive W3 hydrology [Presentation]. 48th Annual Hubbard Brook Cooperator's Meeting, Hubbard Brook Experimental Forest, North Woodstock, NH. July.

Invited Presentations

- 2026 **Laursen, B.** Charting the nexus: Documenting the mechanics of tool-supported knowledge integration. Presented at Summit for Interdisciplinarity. Rotman Institute for Philosophy, Western University, London, ON, Canada. June 25.
- 2026 **Laursen, B.** Integrative topologies: Customizable models for crossdisciplinary knowledge integration. Panel presentation with Keestra, M., and Schmidt, J. Organized by Fiore, S. Presented to the International Network for the Science of Team Science. January 22.
- 2024 **Laursen, B. K.** Building a team repertoire for knowledge integration. US National Institute of Standards & Technology Hurricane Maria Team. Virtual. August 15.
- 2023 **Laursen, B.** Toolkitting for sustainability impact. Presented at Sustainability Transformations and Social Sciences Workshop, University of Basel, Basel, Switzerland. November 3-4.
- 2021 **Laursen, B. K.** Discovering and representing deep integration in convergence research. Panel presentation with Pohl, C., Thompson Klein, J., Crowley, S., and Gajary, L. Organized by Misra, S. Presented at the 12th annual Science of Team Science Conference. Virtual. June 1-4.
- 2020 **Laursen, B. K.**, Motzer, N., and Anderson, K. Pathways for assessing interdisciplinarity. Workshop on the implications of Convergence for how NCSES measures the science and engineering workforce. National Academies of Sciences, Medicine, & Engineering. Virtual. October 22-23. <https://www.nationalacademies.org/event/10-22-2020/a-workshop-on-the-implications-of-convergence-for-how-the-national-center-for-science-and-engineering-statistics-measures-the-science-and-engineering-workforce>.
- 2018 **Laursen, B. K.** Better collaboration through philosophy: The Toolbox Dialogue Initiative. 360 Possibles, Rennes, France. November 21.
- 2018 **Laursen, B. K.** What counts as a good model? Determining thresholds for evidence, explanations, and significance. Presented at the United States Geological Survey Eastern Water Seminar Series, Reston, VA. June 15.
- 2018 **Laursen, B. K.** Emerging scholars luncheon: Advice for operating across spaces. Presented at the 8th annual Science of Team Science Conference, Galveston, TX. May 22.
- 2017 **Laursen, B. K.** Sense making in evaluation. EvalCafe, Western Michigan University. February 17.
https://wmich.edu/sites/default/files/attachments/u746/2017/Laursen%20EvalCafe%20Handout_0.pdf
- 2015 **Laursen, B. K.** Communities of practice impact: What's going on and what should we do about it? University of Wisconsin-Madison Office of Human Resources. November 9.
<https://youtu.be/p75Bvv-W2e8>

- 2015 **Laursen, B. K.** Social network analysis: Use as a systems tool when evaluating collaboration capacity. University of Colorado-Denver School of Public Affairs. May 13.
- 2013 **Laursen, B. K.** Sustaining multifunctional landscapes through expertise networks: Stakeholder feedback. Kickapoo Valley Reserve, La Farge, WI. August 7.
- 2012 **Laursen, B. K.** Summer fieldwork. Segment in the radio show, Science as storytelling, scientists as storytellers. Produced by Kaitlin Rienzo-Stack. The Perpetual Notion Machine. WORT FM 89.9. Madison, WI. November 28. <http://tinyurl.com/SciStory>

Trainings for Professionals and Graduate Students

- 2022, 2023 **Laursen, B. K.** Using community engagement theory to engage your department in strategic program assessment. Michigan State University Graduate School. December 8 and April 21.
- 2022 **Laursen, B. K.** Building a team repertoire for knowledge integration. Florida Research Development Association. Fort Lauderdale, FL. August 18.
- 2022 **Laursen, B. K. & Freitag, C.** Working with evaluators in team science. 13th Annual Science of Team Science Conference, Virtual. August 1.
- 2022 **Laursen, B. K. & Reifler, A.** Team Science Skills for Graduate Students & Postdoctoral Scholars. Sponsored by the Michigan State University Graduate School, Office of Postdoctoral Affairs, and Office of Research & Innovation. East Lansing, MI. July 27.
- 2021 **Laursen, B. K.** Argument standard form as a tool for knowledge integration. INTEREACH Boundary Spanning Tools webinar series. March.
- 2018 **Laursen, B. K.** Sense making for effective health education. Choices Conference, Michigan Fitness Foundation, Dearborn, MI. March.
- 2017 **Laursen, B. K.** What is a System Story? How Do I Create One? How Do I Use One? Presented at the Michigan Association for Evaluation annual conference, Lansing, MI. April 6.
- 2016 **Laursen, B. K.** Four ways to explain your identity as a sustainability scholar. Department of Community Sustainability, Michigan State University, East Lansing, MI. October.
- 2016 **Laursen, B. K.** Powerful information design. Department of Community Sustainability, Michigan State University, East Lansing, MI. March.
- 2015 **Laursen, B. K.** What is a System Story? How Do I Create One? How Do I Use One? Presented at the American Evaluation Association National Conference, Chicago, IL. November.
- 2015 **Laursen, B. K.** Communication skills for foresters: A 3-day workshop. Department of Forestry, Michigan State University, Roscommon, MI. October.
- 2015 **Laursen, B. K.** Powerful data design: tips for county extension leaders. University of Wisconsin-Extension County Leadership Conference, Green Bay, WI. May.
- 2015 **Laursen, B. K.** The integral strategy for collaboration through adhocracy. Focus on Facilitation Community of Practice, University of Wisconsin-Madison. April.
- 2015 **Laursen, B. K.** Powerful data design: Tips for extension educators, staff, and evaluators. University of Wisconsin-Extension. February.
- 2013 **Laursen, B. K.** Easy SNA (for evaluating modular adhocracies). Environmental Evaluators Network Pacific Forum, Corbett, OR. September.
- 2013 **Laursen, B. K.** Experiential techniques for facilitators: Moving beyond just talking to action. Focus on Facilitation, University of Wisconsin-Madison, Madison, WI. May.
- 2013 **Laursen, B. K.** Social network analysis: A tutorial for Ph.D. students. School of Human Ecology, University of Wisconsin-Madison, Madison, WI. April.

Campus Presentations

- 2026 **Laursen, B. K.** Knowledge integration: Gaining insights from diverse perspectives in your research projects. Michigan Institute for Clinical & Translational Research, University of Michigan, Ann Arbor, MI. April 9 and 16.
- 2024 **Laursen, B. K.** Systems thinking. Michigan Institute for Clinical & Translational Research, University of Michigan, Ann Arbor, MI. June 4.
- 2023 **Laursen, B. K.** Topologies of integration: Using integrative pathways to teach, identify, facilitate, and evaluate knowledge integration. Lyman Briggs College Faculty Lightning Talk. April 21.
- 2018 **Laursen, B. K., & O'Rourke, M.** Humanities-based methods for the cognitive science of communication: Examples from the Toolbox Dialogue Initiative. Presented at the Cognitive Science of Communication Studies Symposium, East Lansing, MI.
- 2016 **Laursen, B. K., Siegford, J., Thorp, L., Thompson, P. B., and Rozeboom, D.** College student perceptions of animal welfare are sensitive to experiential farm tours and classroom pedagogy. 4th Food Justice Workshop, Michigan State University, East Lansing, MI. May.
- 2015 **Laursen, B. K.** 'Feeling into' accurate, credible, and just explanations: Empathy as the means to know how and why. Department of Philosophy Seventh Annual Public Proseminar Workshop, East Lansing, MI. December 5.
- 2013 **Laursen, B. K.** Sustaining multifunctional landscapes through expertise networks: A case study from the Driftless Area. Department of Forest and Wildlife Ecology, University of Wisconsin-Madison. July 8.
- 2013 **Laursen, B. K.** The world is made of stories of atoms: Narratives and networks in Driftless Area landscape governance. As co-convenor and participant in the discussion panel, Interpreting people and place: The role of storytelling in environmental research. Center for Culture, History and Environment, University of Wisconsin-Madison.
<http://tinyurl.com/NarrativesAndNetworks>
- 2013 **Laursen, B. K.** Who knows what? How expertise networks support ecosystem services in a Driftless landscape. Department of Forest and Wildlife Ecology, University of Wisconsin-Madison. February 1.
- 2012 **Laursen, B. K.** How are we going to do that? How researchers can contribute to 'messy' problem solving. Human-Environment Research Discussion, University of Wisconsin-Madison. September 21.
- 2012 **Laursen, B. K.** Moving beyond sliced bread and dragonfly vision: How can researchers and extension professionals understand complex, social-ecological systems across disciplinary lines? Madison Chaos and Complex Systems Seminar, University of Wisconsin-Madison. May 1.
- 2012 **Laursen, B. K.** Social network analysis: How conservation connects with Kevin Bacon. People for Conservation and Society. University of Wisconsin-Madison. April 11.

Research Experience

Crossdisciplinary Process Research

- 2023–Present **Team Science Specialist**, Michigan Institute for Clinical & Health Research, University of Michigan
- 2023 **Postdoctoral Convergence Research**, Virginia Tech University
- 2015–2025 **Researcher**, Toolbox Dialogue Initiative, <http://tdi.msu.edu>
- 2018–2022 **Engaged Philosophy Intern & Partner**, National Center for Socio-Environmental Synthesis (SESYNC), Annapolis, MD
- 2016–2021 **Researcher**, Tools for Participatory Modeling Pursuit, National Center for Socio-Environmental Synthesis (SESYNC)

- 2016–2017 **Graduate Research Assistant**, The Toolbox Dialogue Initiative,
Michigan State University
- 2015–2020 **Cross-disciplinary Integration Dissertation Research**, Michigan State University
Advisors: Paul Thompson & Michael O’Rourke

Scholarly Editing

- 2018–2020 **Managing Editor**, *Journal of General Education*
Editor-in-Chief Christopher P. Long, Michigan State University
- 2018–2020 **Editorial Assistant**, *Public Philosophy Journal*
Editor-in-Chief Christopher P. Long, Michigan State University
- 2014–2015 **English Language Editor**, American Journal Experts

Natural Resources Research

- 2015–2016 **Qualitative Analysis Graduate Research Assistant**, Student Attitudes toward Animal
Production Systems, Michigan State University
- 2014 **Field Expedition Co-Leader**, Miesel Fire Ecology Lab, Michigan State University
Boundary Waters Canoe Area Wilderness, Pagami Creek Fire soil sampling
- 2013–2014 **Research Affiliate**, Department of Forest & Wildlife Ecology,
University of Wisconsin-Madison
- 2011–2013 **Social Network Analysis & Mixed Methods Research Assistant**, Department of Forest
and Wildlife Ecology, University of Wisconsin-Madison
- 2010–2011 **Post-baccalaureate Hydrology Research Intern**, Hubbard Brook Experimental Forest
- 2009 **Water Quality Monitor and Data Analyst**, Friends of Merrymeeting Bay,
Richmond, ME
- 2008 **Maine Natural History Inventory**, Independent secondary research
- 2005 **Entomology Research Technician**, Elaine Backus lab,
USDA Agricultural Research Service, Parlier, CA
- 2001 **California Natural History Inventory**, Independent secondary research

Evaluation Projects

- 2023–2025 **ECODIVE Meta-Evaluation**, Evaluating Conferences for DIVERse Engagement project.
- 2021 **Social Network Analysis Reporting**, Guam EPScoR
- 2017–2020 **Discourse Analysis of Advocacy Impact**, Conservation International
- 2018 **Community Engagement Reporting Curriculum**, Department of Community
Sustainability, Michigan State University
- 2016–2017 **Social Network Analysis of Working Groups**, North Central Integrated Pest Management
Center
- 2014–2015 **Environmental Evaluation Curriculum**, Nelson Institute for Environmental Studies,
University of Wisconsin-Madison
- 2014–2015 **Statewide Needs Assessment**, Solid & Hazardous Waste Education Center, University of
Wisconsin-Extension
- 2013–2015 **Communities of Practice Impact Evaluation**, Office of Human Resources Development
University of Wisconsin-Madison
- 2013–2014 **Strategic Planning and Evaluation Design**, Arbor Covenant Church, Madison WI

University Teaching

- 2023 **Instructor of Record**, Michigan State University
LB 325A: Science and the Environment-Arts & Humanities
- 2018 **Instructor of Record**, Michigan State University

- 2017–2018 **CSUS 310: History of Environmental Thought**
Community Engagement Coach, Michigan State University
 CSUS 301: Community Engagement for Sustainability
 Instructor of record: Shari Dann
- 2017 **Teaching Assistant**, Michigan State University
 IAH 206: Self, Society, and Technology
 Instructor of record: Kyle Whyte

University Curriculum Design

- 2018 **Community Sustainability Graduate Programs**
 Department of Community Sustainability, Michigan State University
- 2018 **Info2Impact: An Internal DataViz Initiative**
 Department of Community Sustainability, Michigan State University
- 2017 **CSUS 310: History of Environmental Thought**
 Department of Community Sustainability, Michigan State University
- 2016 **SMEP Scholars Sustainability Study Tour: 6 days in Detroit**
 Sustainable Michigan Endowed Project, Michigan State University
- 2015 **FOR ###: Professional Practice for Foresters—Communication**
 Department of Forestry, Michigan State University
- 2014 **EnvirSt 979: Environmental Conservation Professional Practice—Evaluation Module**
 Nelson Institute for Environmental Studies, University of Wisconsin-Madison
- 2012 **EnvirSt 999: Transdisciplinary Paradigms of Science**
 Nelson Institute for Environmental Studies, University of Wisconsin-Madison

Service

To the Profession

- 2023–2025 **Coordinator**, Toolkits & Methods Working Group of the Inter- and Transdisciplinary Alliance (ITD Alliance), https://itd-alliance.org/working-groups/toolkits_methods/
- 2023–Present **Editorial Advisor Board Member**, *Issues in Interdisciplinary Studies*
- 2022–2023 **Chair**, Science of Team Science Toolkit Exploratory Committee, charged by the International Network for the Science of Team Science
- 2020–Present **Founding Member**, Toolkits & Methods Working Group of the Inter- and Transdisciplinary Alliance (ITD Alliance), https://itd-alliance.org/working-groups/toolkits_methods/
- 2014–Present **Peer Reviewer**
Journal of Continuing Education for Health Professionals, Evaluation & Program Planning, Informing Science, International Journal of Knowledge Management, Public Philosophy Journal, Journal of General Education, Issues in Interdisciplinary Studies, GAIA, Journal of Clinical & Translational Science, Society and Natural Resources, BMC Medical Research Methodology, Sustainability Science, Research Evaluation, Frontiers in Psychology
- 2021 **Boundary Spanning Tools Webinar Organizer**, INTEREACH, Community of Practice and SIG within the International Network for the Science of Team Science (INSciTS)
- 2012 **Host Committee Member**, Association for Experiential Education 40th Annual International Conference, Madison, WI

To the University

- 2023 **Cross-Disciplinary Collaboration Series**, co-organizer, Michigan State University

2022–2023	Provost’s Academic Strategic Plan Implementation Committee , Michigan State University
2021, 2022	Disciplinary Leadership Award Selection Committee Chairperson , Michigan State University
2021	Dean of Students Search Committee , Michigan State University
2018	Panel Co-Organizer , “Practical approaches to integrating different ways of knowing in community-university partnerships” University Office of Outreach & Engagement, Center for Interdisciplinarity, and Department of Community Sustainability, Michigan State University
2017–2018	Graduate Student Organization President , Department of Community Sustainability, Michigan State University. http://csusgso.wixsite.com/csusgso
2017	Graduate Student Representative to the Ad-Hoc Graduate Curriculum Committee , Department of Community Sustainability, Michigan State University
2015–2016	Graduate Student Representative to the MSU Mental Health Committee , Council of Graduate Students, Michigan State University
2014	Human Resources Engagement Facilitator , Office of Human Resource Development, University of Wisconsin-Madison. April 8, 10; October 30.
2014	Strategic Planning Facilitator , Department of Family Medicine, University of Wisconsin-Madison. September 4.
2014	Public Participation Facilitator , Ad-hoc Diversity Committee, University of Wisconsin-Madison. April 8 and 10.
2013	Conference Shepherd , Big Learning Event, University of Wisconsin-Madison. June 4, 5.
2013	Study Group Facilitator , Sustainable resource extraction—Oxymoron or a path to peace? Big Learning Event, University of Wisconsin-Madison. April – June.
2012–2013	Undergraduate Student Mentor , Nelson Institute for Environmental Studies and Department of Forest and Wildlife Ecology, University of Wisconsin-Madison

To the Community

2022–Present	Trustee , Au Sable Institute for Environmental Studies
2022–2024	Board Member , West Michigan Academy of Environmental Sciences
2016	Career Role Model , Junior Achievement of Lansing, MI
2013	Scientist Ambassador to Teens , Cornerstones of Science, Lewiston, ME, October.
2012–2013	Gallery Owner and Curator , Art@939: A Community Conversation Space, Madison, WI.
2012	Middle School Science Symposium Mentor , Madison Metropolitan School District, Madison, WI, February – April.

Honors & Awards (\$64,605)

Academic Awards (\$54,950)

2025	Best Poster Award, Science of Team Science Conference
2022	Best Paper Award, Science of Team Science Conference
2021	January Reviewer of the Month, Informing Science Institute
2019	College of Arts & Letters Summer Support Fellowship, Michigan State University. \$4,000
2019	Graduate School and College of Arts & Letters Tuition Support Fellowship, Michigan State University. \$4,500
2019	Michigan State University Research Enhancement Award. \$2,050
2018	American Philosophical Association/Philosophy Documentation Center Prize for Excellence and Innovation in Philosophy Programs, Toolbox Dialogue Initiative
2018	Department of Philosophy Engaged Philosophy Internship, Michigan State University. \$8,000

2017	College of Arts & Letters Summer Support Fellowship, Michigan State University, \$5,000
2016	Department of Philosophy Slaughter Fellowship, Michigan State University. \$2,500
2016	NSF GRFP (Graduate Research Fellowship) Honorable Mention
2016	College of Arts & Letters External Funding Seed Grant. \$500
2011–2013	Au Sable Institute Graduate Fellowship. \$400
2002–2006	Biola University Academic Scholarship. \$28,000
2006	Epsilon Kappa Epsilon Honor Society, Biola University
2006	Highest Honors, Torrey Honors Institute
2006	Perpetual Member, Torrey Honors Institute

Professional Awards (\$185)

2025	Team of the Year (Team Science Program), Michigan Institute for Clinical and Health Research, University of Michigan
2025	Innovation Award, Michigan Institute for Clinical and Health Research, University of Michigan
2024	Rookie of the Year, Michigan Institute for Clinical and Health Research, University of Michigan
2012–2013	University of Wisconsin-Madison Hooper of the Year
2012	Hooper Outing Club Professional Development Scholarship, \$185

Travel Awards (\$9,470)

2015–2020	Department of Community Sustainability Travel Awards, Michigan State University. \$3,800
2015–2020	Department of Philosophy Travel Awards, Michigan State University. \$4,555
2012–2013	Department of Forest & Wildlife Ecology Travel Awards, University of Wisconsin-Madison. \$615
2012	Nelson Institute for Environmental Studies, University of Wisconsin-Madison. \$200
2011	Professional Development Mini-Grant, The Chewonki Foundation. \$300

Training Courses Completed (16 hours or more)

2026	Process Tracing Methods in Qualitative & Mixed Methods Research , ICPSR, University of Michigan. 20 hours.
2026	Group Concept Mapping in groupwisdom , Concept Systems, Inc. 16 hours.
2023	CyberAmbassadors Facilitator Training , Michigan State University. 16 hours.
2022	Advanced Facilitative Leadership , Michigan State University. 21 hours.
2021	Anti-Racist Path , Michigan State University. 30 hours.
2016	Liberating Structures for Increasing Participation , Ann Arbor, MI. 20 hours.
2016	Learner-Centered Teaching in Philosophy , American Association of Philosophy Teachers, Saginaw, MI. 16 hours.
2014	Presenting Data Effectively , American Evaluation Association, Denver, CO. 16 hours.
2013	Journey of Facilitation and Collaboration , Madison, WI. 40 hours.
2012	Conservation Leaders for Tomorrow , Madison, WI. 20 hours.
2012	Social Network Analysis , LINKS Center for Social Network Analysis, University of Kentucky-Lexington. 40 hours.
2012	Mentor Training , Nelson Institute for Environmental Studies. 20 hours.
2004	Naturalist Teaching Certificate , Au Sable Institute for Env. Studies. Over 450 hours.

Society Affiliations

2023–Present	Global Alliance for Inter- and Transdisciplinarity (ITD Alliance)
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2019–Present International Network for the Science of Team Science (founding member)
2013–Present American Evaluation Association