

CURRICULUM VITAE

Michigan State University

NAME: O'Rourke, Michael Robert

DATE: May 1, 2021

RANK OR TITLE: Professor / Director

UNIT: Philosophy / Center for Interdisciplinarity

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EDUCATION BEYOND HIGH SCHOOL:

Ph.D., January 1995, Stanford University. Dissertation Title: *Understanding Descriptions*. Committee: John Perry (principal advisor), Michael Bratman, Fred Dretske; Readers: Herbert H. Clark, Marleen Rozemond

M.A., June 1991, Stanford University

B.A., Philosophy. 1981-87, University of Kansas. Summa cum laude, Phi Beta Kappa, University Scholar, Summerfield Scholar

EXPERIENCE:

Teaching, Extension, Research, and Administrative Appointments:

Executive Director, TDI Center, Michigan State University, Spring 2021-present

Director, MSU Center for Interdisciplinarity, Michigan State University, Fall 2019-present

Interim Director, MSU Center for Interdisciplinarity, Michigan State University, Fall 2017-Summer 2019

Faculty Affiliate, Center for Gender in Global Context, Michigan State University, Fall 2017-present

Professor, Michigan State University, Fall 2012-present

Faculty, AgBioResearch, Michigan State University, Fall 2012-present

Faculty, Environmental Science & Policy Program, Michigan State University, Fall 2012-present

Director, Toolbox Dialogue Initiative (formerly, "Toolbox Project"), 2007-present

Professor, University of Idaho, Fall 2009-Summer 2012

Environmental Science Faculty, University of Idaho, Spring 2008-Summer 2012

Neuroscience Faculty, University of Idaho, Spring 2004-Summer 2012

Fellow, Microelectronics Research and Communication Institute, University of Idaho, Spring 2004-Summer 2011

Administrative Fellow, College of Letters, Arts & Social Sciences, University of Idaho, Fall 2006-Spring 2007

Visiting Professor, University Studies Abroad Consortium, Heredia, Costa Rica, Fall 2003

Interim Chair, Department of Philosophy, University of Idaho, Fall 2002

Associate Professor, University of Idaho, Fall 2002-Spring 2009

Assistant Professor, University of Idaho, Fall 1996-Spring 2002

Visiting Assistant Professor, Kansas State University, Fall 1995-Summer 1996

Assistant Professor, Kansas State University, Fall 1994-Summer 1995

Lecturer, Cultures, Ideas, and Values Program, Stanford University, Fall 1993-Spring 1994

Lecturer, Department of Philosophy, Stanford University, Summer 1993 and Spring 1994

AREAS OF SPECIALIZATION:

Philosophy of Communication, Interdisciplinary Theory, Philosophy of Language, Epistemology, Philosophy of Environmental Science, Philosophy of Action

RESEARCH:**Peer-Reviewed and Invited Publications****2021**

- Rinkus, M. A., Donovan, S., Hall, T. E., O'Rourke, M. (2021). Using a survey to initiate and sustain productive group dialogue in focus groups. *International Journal of Social Research Methodology*. 24(3): 327–340. <https://doi.org/10.1080/13645579.2020.1786240>
- Fam, D., O'Rourke, M. (Eds.) (2021). *Interdisciplinary and Transdisciplinary Failures: Lessons Learned from Cautionary Tales*. London: Routledge.
- O'Rourke, M., Fam, D. (2021). Theoretical and empirical perspectives on failure: An introduction. In D. Fam and M. O'Rourke (Eds.), *Interdisciplinary and Transdisciplinary Failures: Lessons Learned from Cautionary Tales* (pp. 1–20). London: Routledge.
- O'Rourke, M., Crowley, S., Eigenbrode, S. D., Vasko, S. E. (2021). Failure and what to do next: Lessons from the Toolbox Dialogue Initiative. In D. Fam and M. O'Rourke (Eds.), *Interdisciplinary and Transdisciplinary Failures: Lessons Learned from Cautionary Tales* (pp. 97–113). London: Routledge.

2020

- Hubbs, G., O'Rourke, M., Orzack, S. H. (Eds.). (2020). *The Toolbox Dialogue Initiative: The Power of Cross-Disciplinary Practice*. Boca Raton, FL: CRC Press.
- Crowley, S., O'Rourke, M. (2020). Communication failure and cross-disciplinary research. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The Power of Cross-Disciplinary Practice* (pp. 1–16). Boca Raton, FL: CRC Press.
- O'Rourke, M., Crowley, S. (2020). How it works: The Toolbox dialogue method in practice. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The Power of Cross-Disciplinary Practice* (pp. 17–36). Boca Raton, FL: CRC Press.
- O'Rourke, M., Robinson, B. (2020). Communication and integration in cross-disciplinary activity. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The Power of Cross-Disciplinary Practice* (pp. 58–81). Boca Raton, FL: CRC Press.
- O'Rourke, M., Hall, T. E., Laursen, B. K. (2020). 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). Boca Raton, FL: CRC Press.
- Rinkus, M. A., O'Rourke, M. (2020). Qualitative analyses of the effectiveness of Toolbox dialogues. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The Power of Cross-Disciplinary Practice* (pp. 142–161). Boca Raton, FL: CRC Press.
- Eigenbrode, S. D., Vasko, S. E., Malavisi, A., Laursen, B. K., O'Rourke, M. (2020). 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). Boca Raton, FL: CRC Press.
- Hubbs, G., O'Rourke, M., Eigenbrode, S. D., Rinkus, M. A., Malavisi, A. (2020). Toolbox workshop case studies. In G. Hubbs, M. O'Rourke, and S. H. Orzack (Eds.), *The Toolbox Dialogue Initiative: The Power of Cross-Disciplinary Practice* (pp. 179–202). Boca Raton, FL: CRC Press.
- Halpern, M. K., O'Rourke, M. (2020). Power in science communication collaborations. *Journal of Science Communication* 19 (04), C02. <https://doi.org/10.22323/2.19040302>.

McLeskey, C., Berling, E., O'Rourke, M., Pennock, R. (2020). The evolution of the Scientific Virtues Toolbox approach to responsible conduct of research training. In W. Banzhaf et al. (Ed.), *Evolution in Action: Past, Present, and Future* (pp. 535–550). Dordrecht: Springer.

O'Rourke, M., Vasko, S. E., McLeskey, C., Rinkus, M. A. (2020). Philosophical dialogue as field philosophy. In E. Brister and R. Frodeman (Eds), *A Guide to Field Philosophy: Case Studies and Practical Strategies* (pp. 48–65). New York: Routledge.

Bammer, G., O'Rourke, M., O'Connell, D., Neuhauser, L., Midgley, G., Klein, J.T., Grigg, N.J., Gadlin, H., Elsum, I.R., Bursztyn, M., Fulton, E.A., Pohl, C., Smithson, M., Vilsmaier, U., Bergmann, M., Jaeger, J., Merckx, F., Vienni Baptista, B., Burgman, M.A., Walker, D.H., Young, J., Bradbury, H., Crawford, L., Haryanto, B., Pachanee, C., Polk, M., Richardson, G.P. (2020). Expertise in research integration and implementation for tackling complex problems: when is it needed, where can it be found and how can it be strengthened? *Palgrave Communications*. 6:5: <https://doi.org/10.1057/s41599-019-0380-0>.

2019

Laursen, B. K., O'Rourke, M. (2019). Thinking with Klein about integration. *Issues in Interdisciplinary Studies*. 37(2): 33–61.

O'Rourke, M., Crowley, S., Laursen, B. K., Robinson, B., Vasko, S. E. (2019). 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* (pp. 21–46). Cham, Switzerland: Springer Nature Switzerland AG.

Valles, S., Piso, Z., O'Rourke, M. (2019). Coupled ethical-epistemic analysis as a tool for environmental science. *Ethics, Policy & Environment*. 22(3): 267–286. DOI: 10.1080/21550085.2019.1652288.

Berling, E., McLeskey, C., O'Rourke, M., Pennock, R. (2019). A virtue-based responsible conduct of research curriculum: Pilot test results. *Science and Engineering Ethics*. 25(3): 899–910. DOI: <https://doi.org/10.1007/s11948-017-9991-2>

Robinson, B., Gonnerman, C., O'Rourke, M. (2019). Experimental philosophy of science and philosophical differences across the sciences. *Philosophy of Science*. 86(3): 551–576.

O'Rourke, M. (2019). Referential intentions. In B. Abbott and J. Gundel (Eds.), *Oxford Handbook of Reference* (pp. 19–44). Oxford: Oxford University Press.

2018

Hall, T. E., Piso, Z., Engebretson, J., O'Rourke, M. (2018). Evaluating a dialogue-based approach to teaching about values and policy in graduate transdisciplinary environmental science programs. *PLoS ONE*. 13(9): e0202948. <https://doi.org/10.1371/journal.pone.0202948>.

Kjellberg, P., O'Rourke, M., O'Connor-Gomez, D. (2018). Interdisciplinarity and the undisciplined student: Lessons from the Whittier Scholars Program. *Issues in Interdisciplinary Studies*. 36(1): 34–65.

2017

Hall, T. E., Engebretson, J., O'Rourke, M., Piso, Z., Whyte, K., Valles, S. (2017). The need for social ethics in interdisciplinary environmental science graduate programs: Results from a nation-wide survey in the United States. *Science and Engineering Ethics*. 23(2): 565–588. DOI: <http://dx.doi.org/10.1007/s11948-016-9775-0>

Steel, D., Gonnerman, C., O'Rourke, M. (2017). Scientists' attitudes on science and values: Case studies and survey methods in philosophy of science. *Studies in History and Philosophy of Science Part A* 63: 22–30. DOI: <https://dx.doi.org/10.1016/j.shpsa.2017.04.002>

Pennock, R. T., O'Rourke, M. (2017). Developing a scientific virtue-based approach to science ethics training. *Science and Engineering Ethics* 23(1): 243–262. DOI: <http://dx.doi.org/10.1007/s11948-016-9757-2>

O'Rourke, M. (2017). Comparing methods for cross-disciplinary research. In R. Frodeman, J. T. Klein, and R. Pacheco (Eds.), *Oxford Handbook of Interdisciplinarity*, 2nd edition (pp. 276–290). Oxford: Oxford University Press.

2016

Piso, Z., Sertler, E., Malavisi, A., Marable, K., Jensen, E., Gonnerman, C., O'Rourke, M. (2016). The production and reinforcement of ignorance in collaborative interdisciplinary research. *Social Epistemology* 30(5-6): 643–664. DOI: <http://dx.doi.org/10.1080/02691728.2016.1213328>.

Crowley, S., Gonnerman, C., O'Rourke, M. (2016). Cross-disciplinary research as a platform for philosophical research. *Journal of the American Philosophical Association* 2(2): 344–363. DOI: <http://dx.doi.org/10.1017/apa.2016.16>.

Norris, P. E., O'Rourke, M., Mayer, A. S., Halvorsen, K. E. (2016). Managing the wicked problem of transdisciplinary team formation in socio-ecological systems. *Landscape and Urban Planning*. 154: 115–122. DOI: <http://dx.doi.org/10.1016/j.landurbplan.2016.01.008>

Bosque-Pérez, N. A., Klos, P. Z., Force, J. E., Waits, L. P., Cleary, K., Rhoades, P., Galbraith, S. M., Bentley Brymer, A. L., O'Rourke, M., Eigenbrode, S. D., Finegan, B., Wulforth, J. D., Sibelet, N., Holbrook, J. D. (2016). A pedagogical model for team-based, problem-focused interdisciplinary doctoral education. *BioScience*. 66(6): 477–488. DOI: <http://dx.doi.org/10.1093/biosci/biw042>.

Read, E. K., O'Rourke, M., Hong, G. S., Hanson, P. C., Winslow, L. A., Crowley, S., Brewer, C. A., Weathers, K. C. (2016). Building the team for team science. *Ecosphere* 7(3): e01291.10.1002/ecs2.1291. DOI: <http://dx.doi.org/10.1002/ecs2.1291>

Piso, Z., O'Rourke, M., Weathers, K. C. (2016). Out of the fog: Catalyzing integrative capacity in interdisciplinary research. *Studies in History and Philosophy of Science Part A* 56: 84–94. DOI: <http://dx.doi.org/10.1016/j.shpsa.2016.01.002>

Robinson, B., Vasko, S. E., Gonnerman, C., Christen, M., O'Rourke, M., Steel, D. (2016). Human values and the value of humanities in interdisciplinary research. *Cogent Arts & Humanities* 3(1). Available online. DOI: <http://dx.doi.org/10.1080/23311983.2015.1123080>

O'Rourke, M., Crowley, S., Gonnerman, C. (2016). On the nature of cross-disciplinary integration: A philosophical framework. *Studies in History and Philosophy of Biological and Biomedical Sciences* 56: 62–70. DOI: <https://dx.doi.org/10.1016/j.shpsc.2015.10.003>

2015

Hessels, A., Robinson, B., O'Rourke, M., Begg, M. D., Larson, E. (2015). Building interdisciplinary research models through interactive education. *Clinical and Translational Science* 8(6): 793–799. DOI: <http://dx.doi.org/10.1111/cts.12354>.

O'Rourke, M. (2015). A Reply to Katri Huutoniemi's 'Interdisciplinarity as Academic Accountability'. *Social Epistemology Review and Reply Collective* 4(10): 26–32.

Gonnerman, C., O'Rourke, M., Crowley, S. J., Hall, T. E. (2015). Discovering philosophical assumptions that guide action research: The reflexive Toolbox approach. In H. Bradbury Huang and P. Reason (Eds.), *The SAGE Handbook of Action Research*, 3rd edition (pp. 673–680). Thousand Oaks, CA: SAGE Publications.

O'Rourke, M. (2015). John Perry. In R. Audi (Ed.), *The Cambridge Dictionary of Philosophy*, 3rd ed. Cambridge: Cambridge University Press.

Donovan, S. M., O'Rourke, M., Looney, C. (2015). Your hypothesis or mine? Terminological and conceptual variation across disciplines. *SAGE Open*. 5(2): 1–13. DOI: <http://dx.doi.org/10.1177/2158244015586237>.

Fisher, E., O'Rourke, M., Evans, R., Kennedy, E. B., Gorman, M. E., Seager, T. P. (2015). Mapping the integrative field: taking stock of socio-technical collaboration. *Journal of Responsible Innovation*. 2(1): 39–61. DOI: <http://dx.doi.org/10.1080/23299460.2014.1001671>.

2014

Knowlton, J. L., Halvorsen, K. E., Handler, R. M., O'Rourke, M. (2014). Teaching interdisciplinary sustainability science teamwork skills to graduate students using in-person and web-based interactions. *Sustainability* 6(12): 9428–9440. DOI: <http://dx.doi.org/10.3390/su6129428> .

Hall, T. E., O'Rourke, M. (2014). Responding to communication challenges in transdisciplinary sustainability science. In K. Huutoniemi & P. Tapio (Eds.), *Heuristics for Transdisciplinary Sustainability Studies: Solution-oriented Approaches to Complex Problems* (pp. 119–139). Oxford: Routledge. DOI: <http://dx.doi.org/10.4324/9780203734834> .

Looney, C., Donovan, S., O'Rourke, M., Crowley, S., Eigenbrode, S. D., Rotschy, L., Bosque-Pérez, N., Wulfhorst, J. D. (2014). Seeing through the eyes of collaborators: Using Toolbox workshops to enhance cross-disciplinary communication. In M. O'Rourke, S. Crowley, S. D. Eigenbrode, and J. D. Wulfhorst (Eds.), *Enhancing Communication and Collaboration in Interdisciplinary Research* (pp. 220–243). Thousand Oaks, CA: Sage Publications.

Crowley, S., Eigenbrode, S. D., O'Rourke, M., Wulfhorst, J. D. (2014). Introduction. In M. O'Rourke, S. Crowley, S. D. Eigenbrode, and J. D. Wulfhorst (Eds.), *Enhancing Communication and Collaboration in Interdisciplinary Research* (pp. 1–10). Thousand Oaks, CA: Sage Publications. DOI: <http://dx.doi.org/10.4135/9781483352947.n1> .

O'Rourke, M., Crowley, S., Eigenbrode, S. D., Wulfhorst, J. D. (Eds.) (2014). *Enhancing Communication and Collaboration in Interdisciplinary Research*. Thousand Oaks, CA: Sage Publications. DOI: <http://dx.doi.org/10.4135/9781483352947> .

2013

Williams, C., O'Rourke, M., Eigenbrode, S. D., O'Loughlin, I., Crowley, S. (2013). Using bibliometrics to support the facilitation of cross-disciplinary communication. *Journal of the American Society of Information Science and Technology* 64(9): 1768–1779. DOI: <http://dx.doi.org/10.1002/asi.22874> .

O'Rourke, M. (2013). Philosophy as a theoretical foundation for I2S. In G. Bammer, *Disciplining Interdisciplinarity: Integration and Implementation Sciences for Researching Complex Real-World Problems*, Canberra: ANU E Press.

O'Rourke, M., Crowley, S. (2013). Philosophical intervention and cross-disciplinary science: The story of the Toolbox Project. *Synthese* 190: 1937–1954. DOI: <http://dx.doi.org/10.1007/s11229-012-0175-y>.

2012

Schnapp, L. M., Rotschy, L., Hall, T. E., Crowley, S., O'Rourke, M. (2012). How to talk to strangers: Facilitating knowledge sharing within translational health teams with the Toolbox dialogue method. *Translational Behavioral Medicine* 2(4): 469–479. DOI: <http://dx.doi.org/10.1007/s13142-012-0171-2>.

Kabasenche, W., O'Rourke, M., Slater, M. (Eds.) (2012). *Reference and Referring*, Topics in Contemporary Philosophy, Vol. 10. Cambridge, Mass.: The MIT Press.

Kabasenche, W., O'Rourke, M., Slater, M. (Eds.) (2012). *The Environment: Philosophy, Science, and Ethics*, Topics in Contemporary Philosophy, Vol. 9. Cambridge, Mass.: The MIT Press. DOI: <http://dx.doi.org/10.7551/mitpress/9780262017404.001.0001> .

Horn, J., Hallin, N., Taheri, H., O'Rourke, M., Edwards, D. (2012). Intentional state-ascription in multi-agent systems: A case study in unmanned underwater vehicles. In V. C. Müller, ed. *Philosophy and Theory of Artificial Intelligence*. Heidelberg: Springer. pp. 225–236. DOI: http://dx.doi.org/10.1007/978-3-642-31674-6_17 .

2011

Campbell, J. K., O'Rourke, M., Slater, M. (Eds.) (2011). *Carving Nature at Its Joints: Natural Kinds in Metaphysics and Science*, Topics in Contemporary Philosophy, Vol. 8. Cambridge, Mass.: The MIT Press. DOI: <http://dx.doi.org/10.7551/mitpress/9780262015936.001.0001> .

Hallin, N., Taheri, H., Horn, J., O'Rourke, M., Edwards, D. (2011). Architecture and applications of language-centered intelligence for unmanned underwater vehicles, *Proceedings of IEEE SMC 2011 Anchorage*, Anchorage, AK, October 9-12, 2011. DOI: <http://dx.doi.org/10.1109/icsmc.2011.6084141> .

Hallin, N., Horn, J., Taheri, H., O'Rourke, M., Edwards, D. (2011). Message anticipation applied to collaborating unmanned underwater vehicles, *Proceedings of Oceans '11 MTS/IEEE Kona*, Kona, HI, September 19-22, 2011.

2010

Crowley, S., Eigenbrode, S. D., O'Rourke, M., Wulfhorst, J. D. (2010). Localization in cross-disciplinary research: A philosophical approach. *Multilingual* 114, <http://www.multilingual.com/downloads/114LCDR.pdf>.

Campbell, J. K., O'Rourke, M., Silverstein, H. (Eds.) (2010). *Action, Ethics, and Responsibility*, Topics in Contemporary Philosophy, Vol. 7. Cambridge, Mass.: The MIT Press. DOI: <http://dx.doi.org/10.7551/mitpress/9780262014731.001.0001> .

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Campbell, J. K., O'Rourke, M., Silverstein, H. (Eds.) (2010). *Time and Identity*, Topics in Contemporary Philosophy, Vol. 6. Cambridge, Mass.: The MIT Press. DOI: <http://dx.doi.org/10.7551/mitpress/9780262014090.001.0001> .

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Campbell, J. K., O'Rourke, M., Silverstein, H. (2010). Framing knowledge and skepticism. In J. Keim Campbell, M. O'Rourke, and H. Silverstein (Eds.), *Knowledge and Skepticism*. Cambridge, Mass.: The MIT Press. DOI: <http://dx.doi.org/10.7551/mitpress/9780262014083.003.0001> .

2009

Egbo, H., Hallin, N., Ray, P., Frenzel, J., O'Rourke, M., Edwards, D. (2009). Token based medium access control solution for underwater acoustic broadcast communication, *Proceedings of Oceans '09 MTS/IEEE Biloxi*, Biloxi, MS, October 26-29, 2009.

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- Tye, C., Kinney, M., Frenzel, J., O'Rourke, M., Edwards, D. (2009). A MOOS module for autonomous AUV fleet control, *Proceedings of Oceans '09 MTS/IEEE Biloxi*, Biloxi, MS, October 26-29, 2009.
- Ray, P., O'Rourke, M., Edwards, D. (2009). Using collective intentionality to model fleets of autonomous underwater vehicles, *Proceedings of Oceans '09 MTS/IEEE Biloxi*, Biloxi, MS, October 26-29, 2009.
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- Canning, J. R., Anderson, M. J., Edwards, D. B., O'Rourke, M., Bean, T. A., Pentzer, J. L., Odell, D. L. (2009). A low bandwidth acoustic communication strategy for supporting collaborative behaviors in a fleet of autonomous underwater vehicles. *U. S. Navy Journal of Underwater Acoustics*, 59:3, 2009, pp. 285–299.
- Henscheid, J., O'Rourke, M., Williams G. (2009). Embedding the humanities in cross-disciplinary general education courses. *JGE: The Journal of General Education*, 58(4): 279–295. DOI: <http://dx.doi.org/10.1353/jge.0.0052> .
- 2008**
- Drake, T., O'Rourke, M., Panttaja, D., Peterson, I. (2008). It's alive! The life span of an interdisciplinary course in the humanities. *JGE: The Journal of General Education* 57(4): 223–243. DOI: <http://dx.doi.org/10.1353/jge.0.0028> .
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- 2007**
- O'Rourke, M., Washington, C. (Eds.) (2007). *Situating Semantics: Essays on the Philosophy of John Perry*. Cambridge, Mass.: The MIT Press.

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- Fam, D., O'Rourke, M. (2019). Learning from interdisciplinary and transdisciplinary research "failures". *Integration and Implementation Insights*. Guest blog post. 6 August 2019. <<https://i2insights.org/2019/08/06/learning-from-failures/>>
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- Robinson, B., Gonnerman, C., O'Rourke, M. (2018) Experimental philosophy of science and philosophical differences across the sciences. [Preprint] URL: <http://philsci-archive.pitt.edu/id/eprint/15025> (accessed 2019-01-18).
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- Rinkus, M. A., O'Rourke, M. (2017). Breaking Through Toolbox workshop reports: Flood Risk, Global to Local, and Tipping Points. Prepared for the Breaking Through Project, Purdue University, West Lafayette, IN. 11 May, 2017.
- O'Rourke, M., Eigenbrode, S. D. (2017). Woody Weeds communication survey #2 report. 29 January. Prepared for the Woody Weeds Project, <<http://woodyweeds.org/>>
- O'Rourke, M., Vasko, S. E. (2016). Toolbox Dialogue Initiative. In P. Beesley and A. Roushan (Eds.), *Living Architecture Systems Symposium: White Papers*. Waterloo, Ontario: Living Architecture Systems Group & Riverside Architectural Press.
- Long, C., O'Rourke, M. (2016). Philosophy at home. *Inside Higher Education*. Views. 12 May. <https://www.insidehighered.com/views/2016/05/12/land-grant-universities-can-reinvigorate-philosophy-focus-societal-challenges/>
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Weathers K.C., Collett J., Garreaud R., Jordan C., Matrai P., O'Rourke M., Borre L. (2014). Fog research frontiers: An interdisciplinary research agenda for coastal fog systems. Available at http://caryinstitute.org/reprints/weathers_coastal_fog_as_a_system_white_paper_2014.pdf.

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Invited Lectures and Seminars: (if co-author(s) was sole presenter, they are marked with a (*))

- “Post-Doctoral Researchers and Interdisciplinary Support,” with C. McLeskey, Office of Postdoctoral Affairs, Michigan State University, Online, December 2020
- “Warming Up to the ‘F’ word: Failure in Interdisciplinary and Transdisciplinary Research,” with D. Fam, Sustainable Communities Transdisciplinary Areas of Excellence Seminar, Binghamton University, Online, December 2020
- “Introduction to the Toolbox Dialogue Initiative,” Seminar, ALCE 5224 – Team Science, Cooperation, & Interdisciplinary Work, Virginia Tech, Online, October 2020
- “Is There Any Hope for Interdisciplinarity?”, Department of Philosophy Colloquium, University of Utah, Online, October 2020
- “Despite Their Best Intentions,” Honors 392: Honors Colloquium, Guest Lecture, Department of Philosophy, Boise State University, October 2020
- “Team Science Week 1: Convergent Collaboration Basics,” NSF Convergence Accelerator Program, National Science Foundation, Online, October 2020
- “Team Science Curriculum: Convergence Accelerator Program,” NSF Convergence Accelerator Program, National Science Foundation, Online, October 2020
- “Finding Common Ground: The Challenge of Working Across Disciplines,” Computational Mathematics, Science and Engineering Seminar, Michigan State University, Online, April 2020
- “Facilitating Interdisciplinary Research Collaboration in Africa,” Office of International Studies in Education Seminar, Michigan State University, Online, April 2020
- “Epistemic Integration and Cross-Disciplinary Science,” Colloquium, Minnesota Center for Philosophy of Science, University of Minnesota, Minneapolis, MN, February 2020
- “C4I, TDI, and Team Science,” with S. E. Vasko and E. Cardenas, Alliance for the Arts in Research Universities (a2ru), University of Michigan, Ann Arbor, MI, January 2020
- “How Do You Integrate?”, Institute for Sustainable Futures, University of Technology, Sydney, Sydney, Australia, November 2019
- “How to Facilitate Interdisciplinary Research,” Keynote lecture, Building Bridges – Colloquium on Interdisciplinary Research, Royal Flemish Academy of Belgium for Science, Brussels, Belgium, September 2019
- “Introducing the Toolbox Approach to Interdisciplinary Capacity Building,” NSF Convergence Accelerator Program, Alexandria, VA, July 2019
- “A Detailed Look at the Toolbox Approach,” Broader Impacts Guidance Suite Project, MSU Center for Interdisciplinarity, Michigan State University, East Lansing, MI, May 2019
- “Challenges with Bridging Knowledge Domains,” KnowInnovation MicroLab, University at Buffalo, Buffalo, NY, February 2019
- “Are We All Interdisciplinary?”, Keynote lecture, MSU Forestry Graduate Student Symposium, Michigan State University, East Lansing, MI, February 2019

- “A Deep Dive into the Collaborative Toolbox for Interdisciplinary Researchers,” University of Milwaukee, Wisconsin Research Office, Milwaukee, WI, November 2018
- “Tools to Meet the Challenges of Interdisciplinary Research,” University of Milwaukee, Wisconsin Research Office, Milwaukee, WI, October 2018
- “When the Land Speaks: Conversations to Save the World,” Broad Art Museum, Michigan State University, East Lansing, MI, October 2018
- “Enhancing Interdisciplinary Collaboration: The Toolbox Approach,” Global Lake Ecological Observatory Network Research Coordination Network (GLEON RCN) Advisory Board Meeting, Cary Institute of Ecosystem Studies, Millbrook, NY, October 2018
- “Virtue-based Responsible Conduct of Research Toolbox Workshops: Pilot Test Results,” with E. Berling (*), C. McLeskey, and R. Pennock, BEACON Seminar, Michigan State University, East Lansing, MI, May 2018
- “Enhancing Interdisciplinary Collaboration: The Toolbox Approach,” University of Copenhagen, Copenhagen, Denmark, April 2018
- “Fostering and Measuring Interdisciplinary Consciousness: The Toolbox Approach,” with P. Kjellberg, Whittier Scholars Program, Whittier College, Whittier, CA, March 2018
- “Talking over the Fence: Dialogue and Integration in Interdisciplinarity,” Department of Philosophy Colloquium, McMaster University, Hamilton, ON, March 2018
- “Constructive Interdisciplinarity and the Integrative Role of Dialogue,” Center for Modeling Complex Interactions, University of Idaho, Moscow, ID, February 2018
- “The Toolbox Dialogue Initiative,” KnowInnovation, Buffalo, NY, February 2018
- “2017 Woody Weeds Communication Survey: Findings and Recommendations,” with S. D. Eigenbrode, Woody Weeds Semi-annual Project Meeting, Moshi, Tanzania, January 2018
- “Interdisciplinary Responses to Complex Problems: Are the Humanities Relevant?”, presentation to ESP 800, Michigan State University, East Lansing, MI, January 2018
- “Facilitating Collaboration with Structured Dialogue,” College of Communication Arts & Sciences, Michigan State University, East Lansing, MI, December 2017
- “Motivating Investment in Interdisciplinary Infrastructure: What Can One Person Do?”, Intereach Colloquium, Duke University, Durham, NC, November 2017
- “Introducing the MSU Center for Interdisciplinarity,” presentation to the SMEP Fellows Seminar, Michigan State University, East Lansing, MI, November 2017
- “Interdisciplinarity, Integration, and Dialogue: Reflections on the Philosophy of Interdisciplinarity,” Keynote address, 10th anniversary Celebration of the Zukunftskolleg, University of Konstanz, Konstanz, Germany, November 2017
- “Solving Complex Health Care Problems through Effective Interdisciplinary Collaboration,” Keynote address, Ph.D. Program in Health Sciences, Northern Illinois University, Hoffman Estates, IL, August 2017
- “Enhancing Interdisciplinary Research: A Philosophical Perspective,” Department of Forest Ecosystems & Society, Oregon State University, Corvallis, OR, May 2017
- “Harnessing the Power of Philosophy, Toolbox Style,” Philosophy Club, Michigan State University, East Lansing, MI, March 2017
- “Facilitating Interdisciplinary Research: Lessons from the Toolbox,” Durham University, Durham, UK, March 2017 [*distinct talk from the one below*]
- “Facilitating Interdisciplinary Research: Lessons from the Toolbox,” with M. Rinkus, Purdue University, West Lafayette, IN, February 2017
- “Introducing the Toolbox Dialogue Initiative,” MSU Center for Interdisciplinarity Director Search, Michigan State University, East Lansing, MI, February 2017, March 2017
- “The Scope and Ethical Import of Objectivity in Science,” with R. Pennock, BEACON Seminar, Michigan State University, East Lansing, MI, February 2017

- "ISP/TDI Partnership Initiative," International Studies & Programs, Michigan State University, East Lansing, MI, January 2017
- "The Toolbox Dialogue Initiative," with S. E. Vasko, AAN Introductory Meeting, Michigan State University, East Lansing, MI January 2017
- "Toolbox Strategy," with S. E. Vasko, Toolbox Dialogue Initiative Strategy Workshop, Michigan State University, East Lansing, MI, October 2016
- "Introducing the Toolbox Dialogue Initiative," with S. E. Vasko, Research in Autism, Intellectual, and Neurodevelopmental Disabilities (RAIN) meeting, Kellogg Conference Center, Michigan State University, East Lansing, MI, September 2016
- "C4Sci Mini Master Class #1: The 'Toolbox' Project," with S. E. Vasko, Trellis Science, AAAS, <https://www.trelliscience.com/#!/discussions-about/9904/>, September 2016
- "Central Issues Toolbox Workshop," with S. D. Eigenbrode, Woody Weeds Semi-Annual Meeting, Adama, Ethiopia, June 2016
- "Amani Toolbox Workshop Report," with S. D. Eigenbrode, Woody Weeds Semi-Annual Meeting, Adama, Ethiopia, June 2016
- "Breaking the Ice: Tools for Facilitating Understanding across Diverse Experts," International Conference on One Medicine One Science, University of Minnesota, Minneapolis, MN, April 2016
- "Team Science Approaches to Bring the Bench and Bedside Closer," Keynote Address, International Conference on One Medicine One Science, University of Minnesota, Minneapolis, MN, April 2016
- "Applying the Toolbox Project for Research Community Building: Results of a Survey and Thinking Forward," with S. E. Vasko, NCI Nanotechnology Working Group, Bethesda, MD, March 2016
- "Communication in Interdisciplinary Collaboration," UW Collaborates, University of Waterloo, Waterloo, Ontario, Canada, January 2016
- "The Toolbox Approach to Transdisciplinary Research," with B. Robinson, Research Institute for Humanity and Nature, Kyoto, Japan, November 2015
- "Dialogue as Knowledge Integration," MSU Philosophy Club, Michigan State University, East Lansing, MI, October 2015
- "Developing Collaborative Capacity in the Woody Weeds Project," Woody Weeds Project Semiannual Meeting, Kenya Forestry Research Institute, Nairobi, Kenya, June 2015
- "Science Lost in Translation," presented with B. Robinson, KBS K-12 Partnership Workshop, Kellogg Biological Station, Hickory Corners, MI, April 2015
- "Epistemology and the Institutional Change Needed to Facilitate Interdisciplinary Research", with B. Teppen (*) and K. Dotson, S3 PI Meeting, Michigan State University, East Lansing, MI, April 2015
- "Ignorance and Disagreement in Interdisciplinary Science," presented to the Kellogg Biological Station Seminar Series, Hickory Corners, MI, March 2015
- "Interdisciplinary Responses to Complex Problems: Are the Humanities Relevant?," presented as part of the AH! Talks – Arts and Humanities Speaker Series, University of North Dakota, Grand Forks, ND, February 2015
- "Minding Epistemic Boundaries," presented to the Facilitative Leadership for Collaborative Team Research Workshop, State University of New York – Environmental Science and Forestry, Syracuse, NY, January 2015
- "How Does Dialogue Integrate? Reflections on the Toolbox Process," presented to the Knowledge Integration Program, University of Waterloo, Waterloo, ON, January 2015
- "Understanding, Communication, and the Environment: Introducing the Toolbox Approach," (*different talk than the one below*), presented to the Faculty of the Environment, University of Waterloo, Waterloo, ON, January 2015
- "The Toolbox Workshop and Scientific Communication," with Z. Piso, presented to the CSUS 848 graduate course, Michigan State University, East Lansing, MI, January 2015; presented to the ESP 800 graduate course, Michigan State University, East Lansing, MI, January 2015
- "Understanding, Communication, and the Environment: Introducing the Toolbox Approach," presented virtually to the Nano Working Group, NIH, Bethesda, MD, December 2014
- "Interdisciplinary Dialogue and K-12 Education," with B. Robinson, presented to the Kellogg Biological Station GK-12 Program Seminar, Kellogg Biological Station, Hickory Corners, MI, November 2014

- “Communication and Collaboration in Graduate Education and Research: Webinar,” with S. Crowley, S. Eigenbrode, and J. D. Wulforst, presented virtually to the IGERT.org community, May 2014
- “BEACON, RCR, and the Scientific Virtues: A Dialogue about Honesty,” with C. McLeskey, E. Berling, and R. T. Pennock, presented to the BEACON Friday Seminar, Michigan State University, East Lansing, MI, May 2014
- “The Toolbox Approach to Interdisciplinary Communication,” presented to Howard Hughes Medical Institute, Janelia Farm Campus, Ashburn, VA, May 2014
- “Building Multidisciplinary Teams: The Importance of Communication,” presented to the North Central Regional Association of State Agricultural Experiment Station Directors Spring 2014 Meeting, Grand Rapids, MI, April 2014
- “SCRiM Toolbox Workshops: Initial Results,” presented at the SCRiM Project 11 Meeting, Penn State University, State College, PA, February 2014
- “Interdisciplinarity and MMI-RAPS: Concluding Thoughts,” presented at the Moore Foundation Marine Microbiology Initiative Research Associate and Postdoctoral Scholar Summit, Dorado, Puerto Rico, February 2014
- “Interdisciplinary Science: Opportunities and Obstacles,” presented at the Moore Foundation Marine Microbiology Initiative Research Associate and Postdoctoral Scholar Summit, Dorado, Puerto Rico, February 2014
- “Values and Policy in Interdisciplinary Environmental Science: An Invitation,” with Z. Piso, presented to the ACR 848 graduate course, Michigan State University, East Lansing, MI, January 2014
- “The Nanomaterial Project and the Toolbox,” presented to collaborators at Drexel University, Philadelphia, PA, October 2013
- “Getting Submarines to Talk the Talk: Philosophy, Communication, and Knowledge Systems,” presented to the Standards Education for the Liberal Arts Workshop, Michigan State University, East Lansing, MI, September 2013
- “Building Bridges between Disciplines: The Toolbox Dialogue,” presented to CSS 424, Michigan State University, East Lansing, September 2013
- “Communication and Collaboration Improvements within REACCH,” with L. Rotschy, S. D. Eigenbrode, presented to the REACCH Graduate Student Retreat, Troy, ID, July 2013
- “Introducing Interdisciplinary Research,” presented to the CRISSP and REACCH Research Experiences for Undergraduates, University of Idaho, Moscow, ID, July 2013
- “Science and Ethics,” presented to the CRISSP and REACCH Research Experiences for Undergraduates, University of Idaho, Moscow, ID, June 2013
- “Using the Toolbox exercise to improve communication and integration within REACCH”, with S. D. Eigenbrode(*), presented to SESYNC, University of Maryland, Annapolis, MD, May 2013
- “The Toolbox Project and SCRiM,” presented to the SCRiM leadership group, Penn State University, State College, PA, May 2013
- “Scientific Virtues, RCR, and the Toolbox Project,” with R. Pennock, presented to the BEACON Friday Seminar, Michigan State University, East Lansing, MI, May 2013
- “Facilitating Communication in Interdisciplinary and Interprofessional Research,” with S. Crowley, Institute for Public Health and Medicine Wednesday Workshop, Northwestern University, Chicago, IL, May 2013
- “On Epistemic Integration: Toward an Analysis,” presented to the Michigan State University Department of Philosophy Colloquium, East Lansing, MI, April 2013
- “On Epistemic Integration: Toward an Analysis,” presented to the University of Kansas Department of Philosophy Colloquium, Lawrence, KS, April 2013
- “The Toolbox Project and Climate Collaboration,” presented to the Sustainable Climate-Risk Management Sustainability Research Network, Penn State University, State College, PA, February 2013
- “Interdisciplinary Facilitation and the Toolbox Project,” presented to the Forum on Interdisciplinary Research at MSU, East Lansing, MI, January 2013
- “The Toolbox Workshop: An Introduction,” with S. Crowley, presented to the Global Lake Ecological Observatory Network Graduate Fellows Workshop, Lake Sunapee, NH, January 2013
- “One Reason Why Knowledge Integration Is So Hard,” presented to the University of Waterloo Knowledge Integration Seminar Series, University of Waterloo, Waterloo, Ontario, CA, November 2012

- “Social Relevance, Philosophical Intervention, and the Toolbox Project,” presented to the Symposium on Socially Relevant Philosophy of Science, Michigan State University, East Lansing, MI, October 2012
- “Difference and Disagreement across Disciplinary Lines,” presented to the Michigan State University Philosophy Club, Michigan State University, East Lansing, MI, October 2012
- “The Toolbox Project: Open Forum Discussion,” with S. Crowley, presented to the Virginia Tech Interdisciplinary Graduate Education Program Open Forum, Blacksburg, VA, September 2012
- “Communication and Collaboration in Cross-Disciplinary Research,” with S. Crowley, presented to the Virginia Tech Water INTERface IGEP seminar, Virginia Tech, Blacksburg, VA, September 2012
- “Using the Toolbox Exercise to Improve Communication and Integration within REACCH,” presented to the REACCH Integration Friday, University of Idaho, Moscow, ID, July 2012
- “Science and Ethics,” presented to the CRISSP Research Experience for Undergraduates Seminar Series, University of Idaho, Moscow, ID, June 2012
- “Cross-Disciplinary Research and the Epistemology of Disagreement,” with S. Crowley, presented to the Department of Philosophy Colloquium University of Sydney, Sydney, Australia, April 2012
- “The Toolbox Project and the Challenge of Communicating Across Disciplines,” presented to the Department of Geography Colloquium, University of Idaho, Moscow, ID, April 2012
- “Meditations on Cross-Disciplinary Integration: Metaphors, Models, and Methods,” presented to the Resilience IGERT Seminar, University of Idaho, Moscow, ID, February 2012
- “Engagement, Experimentation, and Environment: The Toolbox Project and the Epistemology of Complex Problems,” presented to the Department of Philosophy, Michigan State University, East Lansing, MI, February 2012
- “Enhancing Interdisciplinary Communication: The Story of the Toolbox Project,” presented to AgBioResearch, Michigan State University, East Lansing, MI, February 2012
- “Enhancing Interdisciplinary Communication: The Toolbox Approach,” presented to the School of Sustainability, Arizona State University, Tempe, AZ, February 2012
- “Effective Communication and Engagement: Integrating Scholarship, Education, and Outreach,” panel presentation, Effective Communication and Engagement Series, University of Idaho, Moscow, ID, October 2011
- “Joint Construal as a Foundation for the Semantics of Discourse,” with L. Rotschy, UI/WSU Philosophy Colloquium, Pullman, WA, October 2011
- “Better Living through Philosophy: Ways of Knowing and the Search for Common Ground,” presented to the Turning of the Wheel: A Humanities Exploration series, Moscow, ID, September 2011
- “Philosophy and Interdisciplinarity,” presented to the Resilience IGERT Seminar, University of Idaho, Moscow, ID, August 2011
- “Introducing the Toolbox Project,” presented to the Institute for Translational Health Science Leadership Team Meeting, University of Washington, Seattle, WA, August 2011
- “What We Have Here Is Failure to Communicate,” with S. Eigenbrode, presented to the Resilience IGERT Retreat, University of Idaho, Orofino, ID, August 2011
- “Science and Ethics,” presented to the CRISSP Research Experience for Undergraduates Seminar Series, University of Idaho, Moscow, ID, June 2011
- “The Toolbox Workshop,” presented to the REACCH-PNA Cooperative Agricultural Project Launch Meeting, University of Idaho, Moscow, ID, May 2011
- “Better Science through Philosophy: The Toolbox Approach to Enhancing Cross-Disciplinary Communication,” presented to the University of Idaho Biogeosciences Seminar, Moscow, ID, May 2011
- “The Philosophical Implications of Cross-Disciplinary Research,” presented to the Kansas State University Philosophy Colloquium. Manhattan, KS, April 2011
- “Tools for Collaborating Across Disciplines,” presented to the CSID Future of the University Series, University of North Texas, Denton, TX, April 2011
- “Improving Collaborative Communication,” Idaho LEADS Program, Associated Students of the University of Idaho, Moscow, ID, April 2011
- “Translational Research Toolbox,” presented to the Translational Science Primer: Bridging Research and Practice, Idaho State University DHS Research Day, Meridian, ID, April 2011
- “Against Speaker Intention,” with L. Rotschy, UI/WSU Philosophy Colloquium, Moscow, ID, April 2011

- “The Toolbox Project: Enhancing Cross-Disciplinary Communication through Philosophical Dialogue,” with S. Eigenbrode, presented to the University of Idaho History, Culture, and Society Brown Bag Series, Moscow, ID, December 2010
- “The Toolbox Exercise Retrospective,” with S. Eigenbrode, presented to the IGERT Interdisciplinary Research Methods Class, University of Idaho, Moscow, ID, October 2010
- “Embodiment in the Philosophy of Mind,” presented to English 504: Bodies of Persuasion, Moscow, ID, October 2010
- “What We Have Here Is Failure to Communicate: The Philosophical Dimensions of Cross-Disciplinary Collaboration,” with S. Eigenbrode, UI IGERT Retreat, Priest River, ID, July 2010
- “A Toolbox-Based Approach to Negotiating Philosophical Differences within Cross-Disciplinary Research Groups,” with S. Crowley, R. Hill, C. Looney, J. D. Wulfhorst, I. O’Loughlin, S. D. Eigenbrode, S. Donovan, and B. Crist, poster presented to the Science of Team Science Conference 2010, Chicago, IL, April 2010
- “Enhancing Research Collaboration: The Toolbox Approach,” presented at the NSF Site Visit, BEACON Science and Technology Center, Michigan State University, East Lansing, MI, October 2009
- “Improving Communication in Cross-Disciplinary Collaboration,” presented to the IBEST Lunch Seminar, University of Idaho, Moscow, ID, October 2008; Cornell Center for a Sustainable Future Topical Lunch, Cornell University, Ithaca, NY, September 2009
- “Methodological Convergence and Integration in Cross-Disciplinary Research,” with B. Crist, S. Crowley, S. Donovan, S. Eigenbrode, C. Looney, I O’Loughlin, and J. D. Wulfhorst, presented to the 16th biennial Conference of the Society for Philosophy and Technology, Enschede, Netherlands, July 2009
- “Addressing the Root of the Problem: The Toolbox Approach to Managing Philosophical Differences in Cross-Disciplinary Research,” with B. Crist, S. Crowley, S. Donovan, S. Eigenbrode, C. Looney, I O’Loughlin, and J. D. Wulfhorst, presented to the International Symposium on Society and Resource Management Conference, Vienna, Austria, July 2009
- “Characterizing Epistemic Communities through Network Analysis,” with S. Crowley, I. O’Loughlin, C. Williams, B. Crist, S. Donovan, S. Eigenbrode, and J. D. Wulfhorst, presented to the 2009 North American Conference on Computing and Philosophy, Bloomington, IN, June 2009
- “The Virtue of Disagreement: Epistemology and Scientific Research,” presented to New St. Andrews College, Moscow, ID, May 2009
- “The Epistemology of Cross-Disciplinary Research,” presented to the UI/WSU Philosophy Colloquium, Pullman, WA, April 2009
- “Improving Communication in Cross-Disciplinary Research,” with S. Eigenbrode, J. D. Wulfhorst, S. Crowley, B. Crist, S. Donovan, C. Looney, and I O’Loughlin, presented to the EPSCoR Western Tri-State Consortium of Idaho, New Mexico, and Nevada Annual Meeting, Boise, ID, March 2009
- “Monsters and Honor,” presented to Core 105: The Monsters We Make, Moscow, ID, September 2008
- “The Humanities and Funded Research,” presented to the CLASS Fund your Research and Creative Activities workshop, Moscow, ID, September 2008
- “What We Have Here Is a Failure to Communicate,” with S. Eigenbrode, presented to the Department of Natural Resources Colloquium, Cornell University, Ithaca, NY, September 2008
- “Exploring Interdisciplinary Divides: The Philosophical Dimensions of Collaboration,” with S. Eigenbrode, presented to the Humanities/Science Colloquia, University of Idaho, Moscow, ID, April 2008; the Lewis-Clark State College Humanities Series, Lewiston, ID, April 2008; the Biogeochemistry & Environmental Biocomplexity IGERT, Cornell University, Ithaca, NY, September 2008
- “Neuroscience and Interdisciplinarity,” presented to the UI Research Experience for Undergraduates on Computational Neuroscience and Technology, Moscow, ID, June 2008
- “Reflections on Honor,” commencement address presented at the UI Honors Certification Ceremony, Moscow, ID, May 2008
- “Contextualist Responses to the Problem of Skepticism,” presented to the Philosophy 447: Theory of Knowledge taught by Joseph Keim Campbell at Washington State University, Pullman, WA, March 2008
- “Interdisciplinarity and Apprenticeship,” presented to the UI Research Experience for Undergraduates on Computational Neuroscience and Technology, Moscow, ID, July 2007
- “Philosophy, the Matrix, and You,” presented to DancersDrummersDreamers College, Moscow, ID, June 2007

- “Refer’ Madness: Reflections on Reference and Referring,” presented to the UNLV Philosophy Colloquium, Las Vegas, NV, May 2007
- “Reference and Referring,” presented to the UI/WSU Philosophy Colloquium, Pullman, WA, April 2007
- “Scholarship across the Disciplines,” presented to the Phi Kappa Phi Awards Banquet, Moscow, ID, November 2006
- “Ethics Workshop,” presented to the UI Research Experience for Undergraduates on Computational Neuroscience and Technology, Moscow, ID, July 2004, July 2005, and July 2006
- “Music, Metaphysics, and Mayhem: Philosophy in College,” presented to DancersDrummersDreamers College, Moscow, ID, June 2006
- “My Life as a Faculty Member,” presented to the UI Research Experience for Undergraduates on Computational Neuroscience and Technology, Moscow, ID, June 2006
- “Discussion Strategies,” presented to EDTE 516: College Teaching, Moscow, ID, February 2006
- Critical Thinking Guest Lectures, University of Idaho, Moscow, ID: JAMM 449 (September 2004, October 2005), Natural Resources 204 (November 2004), English 101/102 Instructors (March 2000), Civil Engineering 115 (February 2000, September and October 2000, November 2002), Student Support Services (November 2000, October 2002), Integrated Business Curriculum (September 2000, September 2001), Core 201: The Nature of Islands (October 2000)
- “Can Neuroscience Explain Consciousness?” presented to the UI Research Experience for Undergraduates on Computational Neuroscience and Technology, Moscow, ID, June 2005
- “Freedom and Determinism,” presented to UI Core 102: Time Warps, Moscow, ID, April 2005
- “Meaning and Representation,” presented to UI Art 100 class, Moscow, ID, November 2002, March 2004, March 2005
- “Situating Semantics,” presented to the UI/WSU Philosophy Colloquium, Pullman, WA, April 2004
- “Is Philosophy a Science?”, presented to the University of Idaho Department of Physics, Moscow, ID, April 2004
- “Wittgenstein and Language,” presented to the UI/WSU Philosophy Colloquium, Pullman, WA, February 2004
- “Arguing for Critical Thinking’s Soul,” presented to WSU Critical Thinking Group, Pullman, WA, February 2003
- “The Philosophy of Art,” presented to UI Core 201: Color, Chemistry and Art, Moscow, ID, September 2002
- “The Meaning of Life,” presented to the New St. Andrew’s College Disputatio, Moscow, ID, May 2002
- “Workshop on Critical Thinking,” University of Idaho Core Mentors, Moscow, ID, August 2001 and August 2000
- “What Counts as Technology?” presented to the Concepts and Practices of Interdisciplinarity Workshop, Moscow, ID, May 2001
- “What Counts as Technology?” presented to the University of Idaho College of Letters and Science Alumni Association, Seattle, WA, March 2001
- “Philosophy and ‘Total Recall’,” presented to the WSU Philosophy in Film class, Moscow, ID, February 2001
- “The Mind/Body Problem,” presented in the LCSC Great Theories Lecture Series, Lewiston, ID, October 2000
- “Critical Thinking Instruction in the Curriculum,” presented at the New Faculty Orientation, University of Idaho, Moscow, ID, August 2000
- “In Defense of Analytic Philosophy,” presented to the University of Idaho Philosophy Club, Moscow, ID, April 2000
- Speaker, Moscow High School AP English Forum Club, Moscow, ID, with J. Keim Campbell, four times in 1998-2000. Topics: time, rationality, the past, and the meaning of life
- “Critical Thinking for Educators,” presented to the Writing Across the Curriculum Workshop, Moscow, ID, May 1999
- “Talking About Things,” presented to the UI/WSU Philosophy Colloquium, Pullman, WA, October 1998
- “Misusing Language,” presented to the Philosophy Department at Washington State University, Pullman, WA, October 1996
- “What Do I Have in Mind?” presented at Denison University, Denison, OH, and the University of Idaho, Moscow, ID, in January 1995
- “Production, Reception, and the Semantics of Descriptions,” presented to the Auburn University Philosophy Colloquium, Auburn, AL, March 1993

Professional Meeting Papers/Posters: (if co-author(s) was sole presenter, they are marked with a “(*)”)

- “2020 AccelNet Virtual Awardee Meeting: The Toolbox Dialogue Initiative,” AccelNet Program Virtual Awardee Meeting, National Science Foundation, Online, January 2021`
- “The Challenge of Building Transdisciplinary Research Teams,” Workshop on Transdisciplinarity, University of Ghent, Belgium, Online, December 2020
- “Making the Team Work: An Introduction to Team Science,” with S. E. Vasko, 2020 Fall Extension Conference, Michigan State University, Online, September 2020
- “Publishing Your SciTS Work: A New Special Article Collection,” 2020 Science of Team Science Conference, Duke University, Online, June 2020
- “The MSU Center for Interdisciplinarity: Centering the Arts and Humanities in Interdisciplinary Research,” with S. E. Vasko, Advancing Research Impact in Society (ARIS) Conference, online at: <<https://www.researchinsociety.org/aris-summits/summit2020>>, April 2020
- “Assessing Ethics Education: Thoughts on a Workshop,” Annual International Conference of the Association for Practical and Professional Ethics, Atlanta, GA, February 2020
- “Effectively Constructing Antidisciplinary Projects,” American Geophysical Union 2019 Conference, San Francisco, CA, December 2019
- “Introducing the Center for Interdisciplinarity (C4I),” Panel: Transforming Cross-Disciplinary Collaboration in Research and Practice: New Research from Michigan State University’s Center for Interdisciplinarity, a2ru National Conference, Lawrence, KS, November 2019
- “Facilitating Networks of Networks: Tools and Resources,” AccelNet Program Kick-Off Meeting, National Science Foundation, Alexandria, VA, October 2019
- “2019 AccelNet Project Kick-Off Meeting: Toolbox Dialogue Initiative,” AccelNet Program Kick-Off Meeting, National Science Foundation, Alexandria, VA, October 2019
- “Facilitating Cross-disciplinary Research,” Cognitive Science Roundtable, Michigan State University, East Lansing, MI, September 2019
- “Detecting Integrative Discourse in Team Meetings,” with B. Laursen, International Transdisciplinary Conference, Gothenburg, Sweden, September 2019
- “Creating Cultures of Ethical STEM: Pluralism, Integrity, and Culture,” Workshop on Assessing Ethics Education Interventions in Science and Engineering, Washington, DC, August 2019
- “The Toolbox Method for Embedded, Empirical Philosophy of Science: Evidence from the Toolbox Dialogue Initiative,” with B. Robinson (*), S. Crowley, C. Gonnerman, M. A. Rinkus, Learning from Empirical Approaches to the History and Philosophy of Science (LEAHPS), Hannover, Germany, July 2019
- “Teaching values and responsibility in interdisciplinary graduate environmental science: A curriculum-based workshop for ethics education,” with J. Engebretson (*) and M. A. Rinkus (*). International Symposium on Society and Natural Resource Management (ISSRM), Oshkosh, WI, June 2019.
- “What Was That? The 2019 SciTS Conference,” 2019 Science of Team Science Conference, Lansing, MI, May 2019
- “2019 Science of Team Science Conference,” 2019 Science of Team Science Conference, Lansing, MI, May 2019
- “Using structured dialogue to break down disciplinary silos,” with A. Malavisi (*) and M. A. Rinkus (*). 2019 Science of Teach Science Conference, Lansing, MI May 2019.
- “Teaching for Teamwork: Creating a Culture of Collaboration,” with G. Lotrecchiano, Digital Science and Data Analytic Learning Environments at Small Liberal Arts Schools, Carroll University, Waukesha, WI, March 2019
- “The Virtue-based Toolbox Approach to Responsible Conduct of Research Training,” with E. Berling (*), C. McLeskey (*), and R. Pennock, BEACON NSF Site Visit, Michigan State University, East Lansing, MI, December 2018
- “Workshop: Critical Dialogue to Enhance Effectiveness in the Practice of Sustainable Development,” with A. Malavisi (*) and M. Rinkus (*), Sustainability and Development Conference, Ann Arbor, November 2018

- “Designing Interdisciplinary Communication,” 2018 SAC Symposium on Interdisciplinarity, Science Europe, Brussels, Belgium, November 2018
- “Understanding Interdisciplinary Integration: Learning from Julie Thompson Klein,” with B. Laursen (*), 2018 Association of Interdisciplinary Studies Conference, Detroit, MI, October 2018
- “Neither Here nor There: Reflections on Interdisciplinary Integration,” Legacies of the Enlightenment Conference, Lansing, MI, October 2018
- “Using Structured Dialogue to Break Down Disciplinary Silos,” poster, with A. Malavisi (*) and M. Rinkus, International Conference on Sustainable Development, New York City, NY, September 2018
- “Developing and Pilot Testing a Virtue-based Curriculum for Responsible Conduct of Research Training,” with E. Berling (*), C. McLeskey, and R. Pennock, MSU STEM Education Alliance Fall Reception, Michigan State University, East Lansing, MI, September 2018
- “Motivating Investment in Interdisciplinary Infrastructure: What Can One Person Do?,” 4S Conference, Sydney Australia, August 2018
- “Academics as Allies: Reflecting on Global Development,” with A. Malavisi (*) and M. Rinkus, International Development Ethics Association Conference, Bordeaux, France, June 2018
- “Assessing Ethical Reasoning in Graduate Environmental Science Curricula,” with Z. Piso (*), 2018 SRPoiSE Conference, Atlanta, GA, May 2018
- “2018 SciTS Planning Committee Meeting,” Science of Team Science 2018 Conference, Galveston, TX, May 2018
- “The Funding History of the Toolbox Dialogue Initiative,” Science of Team Science 2018 Conference, Galveston, TX, May 2018
- “Evidence for Integrative Reasoning in Interdisciplinary Team Science,” with B. Laursen (*), Science of Team Science 2018 Conference, Galveston, TX, May 2018
- “Philosophy and the Facilitation of Interdisciplinary Communication,” Pufendorf Institute of Advanced Study Symposium on Interdisciplinarity, Lund University, Lund, Sweden, May 2018
- “Humanities-based Methods for the Cognitive Science of Communication,” with B. K. Laursen (*), Cognitive Science of Communication Symposium, Michigan State University, East Lansing, MI, April 2018
- “Micro-integration and Interdisciplinary Negotiation: Lessons from the Toolbox Dialogue Initiative,” with S. Crowley, C. Gonnerman, and B. Robinson, Learning from Empirical Approaches to HPS, University of Pittsburgh, Pittsburgh, PA, April 2018
- “Values and Responsibility in Interdisciplinary Environmental Science: A Dialogue-based Framework for Graduate Ethics Education,” with Z. Piso, T. Hall, and J. Engebretson, Association for Practical and Professional Ethics Conference, Chicago, IL, March 2018
- “Transdisciplinary Imaginations: How Interdisciplinary Environmental Science Graduate Students Envision the Research-Policy Decision Making Process,” with J. Engebretson (*), Z. Piso (*), and T. Hall, Public Philosophy Network, Boulder, CO, February 2018
- “Transdisciplinary Research in Different World Regions: A View from the Humanities,” International Transdisciplinarity Conference, Leuphana University of Lüneburg, Lüneburg, Germany, September 2017
- “Reflecting on Global Development: A Toolbox for Development Teams,” with A. Malavisi(*) and M. Rinkus, Science of Team Science 2017 Conference, Clearwater Beach, FL, June 2017
- “Rewarding Collaboration: Learning Strategies for Cross-Disciplinary Engagement,” presented as part of the panel, “Reward and Recognition Across the Spectrum: Attending to the Needs of Multiple Collaboration Stakeholders in the Professions and Learning”, Science of Team Science 2017 Conference, Clearwater Beach, FL, June 2017
- “Things to Consider When Creating Large-scale Collaborations: Implicit Differences,” NSF INCLUDES workshop, American Association for the Advancement of Science, Washington, DC, April 2017
- “Micro-integration as a Form of Engaged Philosophy Work,” with S. Crowley(*), C. Gonnerman(*), and B. Robinson, Philosophy of Science Association 2016 Conference, Atlanta, GA, November 2016
- “Facilitating Collective Decision-making in Climate Adaptation Planning,” 2016 Great Lakes Adaptation Forum, University of Michigan, Ann Arbor, MI, October 2016
- “Transdisciplinary Imaginations: How Interdisciplinary Environmental Science Graduate Students Envision the Environmental Assessment and Decision-Making Process,” with J.

- Engebretson(*), Z. Piso, and T. Hall, 2016 International Symposium on Society and Resource Management, Michigan Technological University, Houghton, MI, June 2016
- “Tools for Enhancing the Effectiveness of Team Science,” with S. Crowley, Table Topic Networking Event, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Micro-integration in Dialogue: How Communication Drives Interdisciplinary Integration,” with S. Crowley(*) and C. Gonnerman, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Do You Need a Toolbox Workshop?”, with S. E. Vasko, Panel: Communicating a Value Proposition for Integrating Social Scientists and Natural Scientists/Engineers: A Sales Pitch Through Integration Case Studies, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Joining Forces: Some Issues in Collective Intentionality for Interdisciplinary Teams,” with G. Hubbs(*) and I. Werkheiser, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Facilitating Collective Decision-making in Climate Resiliency Planning,” with B. Cwik, C. Gonnerman, and B. Robinson, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Introducing the Toolbox Project,” Panel: A Feminist Approach to Facilitating Interdisciplinary Collaboration: The Case of the Toolbox Project, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Articles about Interdisciplinarity and Where to Find Them,” with D. Corner(*) and T. Padilla, poster, Science of Team Science 2016 Conference, Phoenix, AZ, May 2016
- “Operationalizing Improvement in Ethical Reasoning for Science Students,” with Z. Piso(*), J. Engebretson, and T. Hall, 3rd SRPoiSE and 6th VMST Joint Conference, Dallas, TX, May, 2016
- “Philosophy as Facilitator, not Gadfly: Philosophical Dialogue, Mutual Understanding, and Collaborative Science,” with C. Gonnerman(*), B. Robinson, and S. E. Vasko, 3rd SRPoiSE and 6th VMST Joint Conference, Dallas, TX, May, 2016
- “Philosophy of Science as a Hindrance to Scientific Integration,” with B. Robinson(*) and C. Gonnerman, 3rd SRPoiSE and 6th VMST Joint Conference, Dallas, TX, May, 2016
- “The Toolbox Project: Dialogue and the Power of Philosophy,” Mycroft Cognitive Assistant: Enhancing Team Science, IBM Research – Almaden, San Jose, CA, December 2015
- “Developing and Pilot Testing a Virtue-Based Curriculum for Responsible Conduct of Research Training,” with C. McLeskey(*), E. Berling(*), and R. T. Pennock, poster, BEACON NSF Site Visit 2015, East Lansing, MI, December 2015
- “Applying the Toolbox Project for Research Community Building: Early Thoughts and Planning Processes,” with S. E. Vasko(*), 2015 Sustainable Nanotechnology Organization Conference, Portland, OR, November 2015
- “Introducing the Toolbox Project,” with S. E. Vasko, Nanoinformatics Workshop: A One-Day Working Meeting to Establish Community Consensus on Zeta Potential Measures, Portland, OR, November 2015
- “Philosophical Differences between Scientific Disciplines,” with B. Robinson(*) and C. Gonnerman, poster, Buffalo Annual Experimental Philosophy Conference 2015, Buffalo, NY, September 2015
- “The Toolbox Approach to Enhancing Collaboration, Communication, and Integration in Cross-Disciplinary Research,” with B. Robinson and S. E. Vasko, poster, NSF Long-Term Ecological Research Network All-Scientists Meeting, Estes Park, CO, August/September 2015
- “Let’s Talk about It: How Dialogue Supports Integration,” with S. Crowley(*), Science of Team Science 2015 Conference, Bethesda, MD, June 2015
- “Values and Policy Education for Sustainability Science: A Dialogue-based Framework,” with J. Engebretson, Z. Piso, T. E. Hall, K. Whyte, S. Valles, J. Boll, B. Cosens, and T. Dietz, International Symposium on Sustainable Systems and Technology 2015, Dearborn, MI, May 2015
- “How Goal Setting Structures Interdisciplinary Integration: A Philosophical Ethnography,” with Z. Piso and K. Weathers, SRPoiSE Conference, Detroit, MI, March 2015
- “Coupled Ethical-Epistemic Questions in the Context of Climate Change: A Taxonomy,” with N. Tuana, SRPoiSE Conference, Detroit, MI, March 2015
- “The Toolbox Project for Development Organizations,” with A. Malavisi, SRPoiSE Conference, Detroit, MI, March 2015

- “Philosophical Technology and Transdisciplinary Integration: Adapting to Climate Change in West Michigan,” International Convention of Psychological Science, Amsterdam, Netherlands, March 2015
- “Prepositional Attitudes and Socially Relevant Philosophy,” American Philosophical Association, Eastern Division, Philadelphia, PA, December 2014
- “Philosophical Engagement with Scientists: Attitudes on Values in Science”, with C. Gonnerman and D. Steel, Philosophy of Science Association Conference, Chicago, IL, November 2014; with C. Gonnerman(*) and D. Steel, 2014 Values in Medicine, Science, and Technology Conference, Dallas, TX, May 2014; with C. Gonnerman(*) and D. Steel, Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE) Meeting, Waterloo, ON, June 2014
- “Toolbox Project,” with C. Gonnerman, Activities for Social Engagement, Philosophy of Science Association Conference, Chicago, IL, November 2014
- “Applying the Toolbox Approach to Climate Resiliency in West Michigan,” with B. Robinson, C. Gonnerman, and S. Valles, poster, Philosophy of Science Association conference, Chicago, IL, November 2014
- “Building Communication Skills,” with J. Johnson-Maynard(*), B. Robinson, J. Rachlow, and S. Eigenbrode, American Society of Agronomy International Annual Meeting, Long Beach, CA, November 2014
- “Transdisciplinarity as Transcendence: Discovery, Dialogue, Synthesis,” 2014 Association of Interdisciplinary Studies Conference, Michigan State University, East Lansing, MI, October 2014
- “Out of the Fog: Interdisciplinary Integration and Philosophical Ethnography,” with Z. Piso and K. Weathers, 2014 Association of Interdisciplinary Studies Conference, Michigan State University, East Lansing, MI, October 2014
- “Teaching Interdisciplinarity to Undisciplined Students with the Toolbox,” with P. Kjellberg, 2014 Association of Interdisciplinary Studies Conference, Michigan State University, East Lansing, MI, October 2014
- “Strategies for Effective Interdisciplinary Communication,” State of the Field Panel, 2014 Association for Interdisciplinary Studies Conference, Michigan State University, East Lansing, MI, October 2014
- “Cross-Disciplinary Research as a Platform for Philosophical Analysis,” with C. Gonnerman and S. Crowley, Central States Philosophical Association Conference, Northwestern University, Evanston, IL, October 2014
- “Developing a Framework for a West Michigan Response to Climate Change: A Facilitated Dialogue,” West Michigan Climate Resiliency Conference, Grand Rapids, MI, October 2014
- “Facilitating Collective Decision-making in Climate Adaptation Planning,” 10th annual Great Lakes Restoration Conference, Grand Rapids, MI, September 2014
- “Philosophical Facilitation of Interdisciplinary Research,” with S. Crowley(*), The Association of Feminist Epistemologies, Methodologies, Metaphysics, and Science Studies 2014 Conference, Waterloo, ON, August 2014
- “Communication, Interdisciplinary Research, and Toolbox Dialogue,” with L. Rotschy and S. Crowley, The Association of Feminist Epistemologies, Methodologies, Metaphysics, and Science Studies 2014 Conference, Waterloo, ON, August 2014
- “Epistemologies of Ignorance and Interdisciplinary Research,” with Z. Piso(*), E. Sertler, A. Malavisi, K. Marable, E. Jensen, and C. Gonnerman, The Association of Feminist Epistemologies, Methodologies, Metaphysics, and Science Studies 2014 Conference, Waterloo, ON, August 2014; with Z. Piso, E. Sertler, A. Malavisi(*), K. Marable, E. Jensen, and C. Gonnerman, Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE) Meeting, Waterloo, ON, June 2014
- “What is the ‘integration’ in integrative interdisciplinary research? First steps toward a conceptual model,” with S. Crowley(*) and C. Gonnerman, Science of Team Science 2014 Conference, Austin, TX, August 2014
- “Integration: ‘You keep using that word. I do not think it means what you think it means,’” with S. Crowley(*), D. Stone, J. B. Holbrook, and R. Scharff, flash presentation, Science of Team Science 2014 Conference, Austin, TX, August 2014
- “Toolbox at Ten: Where next?,” with S. Crowley(*), C. Gonnerman, J. B. Holbrook, L. Rotschy, K. Whyte, B. Robinson, J. Klein, L. Schnapp, T. Seager, S. Orzack, K. Hall, S. Eigenbrode, J. D.

- Wulfhorst, N. Bosque Pérez, and G. Hubbs, flash presentation, Science of Team Science 2014 Conference, Austin, TX, August 2014
- “The Toolbox at Ten: What do we know? What can we learn?”, with C. Gonnerman, T. Hall, S. Crowley(*), S. Donovan, C. Looney, S. Eigenbrode, and J. D. Wulfhorst, poster, Science of Team Science 2014 Conference, Austin, TX, August 2014
- “Philosophy as Boundary Work: Issues from the Toolbox Project,” with G. Hubbs and C. Gonnerman, 18th annual Inland Northwest Philosophy Conference, Washington State University, Pullman, WA, July 2014
- “Mapping and Characterizing Sociotechnical Integration”, with E. Fisher, Communities of Integration meeting, Waterloo, ON, June 2014
- “Introducing the Toolbox Project,” Communities of Integration meeting, Waterloo, ON, June 2014
- “The Toolbox Project at 10: What Have We Done?”, with C. Gonnerman, Toolbox Vision Quest Retreat, Grand Haven, MI, May 2014
- “The Toolbox Project at 10: What Do We Know?”, with C. Gonnerman, Toolbox Vision Quest Retreat, Grand Haven, MI, May 2014
- “Philosophical Engagement with Scientists: Attitudes on Values in Science”, with C. Gonnerman and D. Steel(*), IPPP Workshop: Values in Science and Science Policy, George Mason University, Fairfax, VA, May 2014 (*different talk, same name*)
- “Interdisciplinarity, Integration, and Coastal Fog: An Exercise in the Philosophy of Environmental Science,” with Z. Piso(*) and K. Weathers, Environmental Philosophy and Ethics Retreat, AuTrain, MI, May 2014
- “Toward Ethically Informed Multi-objective Robust Decisionmaking,” with N. Tuana, R. Lempert, L. Mayer, P. Reed, G. Garner, K. Keller, R. Singh, B. Cwik, and D. Hadka, SCRiM All-Hands Meeting, Penn State University, State College, PA, May 2014
- “Values and Policy in Interdisciplinary Environmental Science: A Dialogue-based Framework for Graduate Ethics Education,” with J. Engebretson(*), Z. Piso, T. Hall, S. Valles, and K. P. Whyte, poster, Western Forestry Graduate Research Symposium, Oregon State University, Corvallis, OR, April 2014
- “Using the Toolbox Exercise to Improve Communication in REACCH,” with S. D. Eigenbrode and C. Gonnerman, REACCH 2014 Annual Meeting, Richland, WA, March 2014
- “A Toolbox Instrument for REACCH,” with H. Zhang, C. Walsh, L. Allen, T. Maaz, L. Urban, and S. D. Eigenbrode, REACCH 2014 Annual Meeting, Richland, WA, March 2014
- “Developing and Pilot Testing a Virtue-Based Curriculum for Responsible Conduct of Research Training,” with C. McLeskey, E. Berling, C. Gonnerman, and R. T. Pennock, poster, BEACON Center NSF Site Visit, East Lansing, MI, December 2013
- “A Heated Discussion: Integrating the Arts and Humanities into Climate Change Science,” with Z. P. Klos, Association of Interdisciplinary Studies, Oxford, OH, November 2013
- “Creativity as an element of effective responses to communication challenges,” with T. E. Hall, Association of Interdisciplinary Studies, Oxford, OH, November 2013
- “Doubling down: The wicked problem of forming transdisciplinary teams to address wicked problems in socioecological systems,” with P. E. Norris(*), A. S. Mayer, and K. E. Halvorsen, The Berkeley Conference on Wicked Problems, Berkeley, CA, October 2013
- “Structured Dialogue to Uncover Research Assumptions: A Toolbox Workshop,” First Global Conference on Research Integration and Implementation, Canberra, AUS, September 2013
- “A Case for Disciplining Interdisciplinarity,” First Global Conference on Research Integration and Implementation, Canberra, AUS, September 2013
- “Climate Science Collaboration and the Toolbox Project,” with L. Rotschy, A. Snover, T. E. Hall, S. Daley-Laursen, G. Bisbal, S. D. Eigenbrode, N. Tuana, K. Keller, First Global Conference on Research Integration and Implementation, Canberra, AUS, September 2013
- “Enhancing Interdisciplinary Communication: Introducing the Toolbox Project,” with S. Crowley, S. D. Eigenbrode, T. E. Hall, J. D. Wulfhorst, S. Donovan, N. A. Bosque-Pérez, C. Looney, L. Rotschy, G. Hubbs, C. Gonnerman, First Global Conference on Research Integration and Implementation, Canberra, AUS, September 2013
- “If ‘Integration’ is at the heart of integrative interdisciplinary research, what is it? Some Philosophical Reflections”, with S. Crowley(*), the Society for Philosophy of Science and Practice 2013, Toronto, Ont, CA, June 2013
- “Communities of Integration: The Toolbox Project Perspective,” with S. Crowley(*), Science of Team Science 2013 Conference, Evanston, IL, June 2013

- "Integration in the Context of Cross-Disciplinary Research Communication," with T. E. Hall, International Symposium on Society and Resource Management, Estes Park, CO, June 2013
- "Educational Theory Behind the Toolbox: Using Toolbox Workshops to Enhance Cross-Disciplinary Communication and Collaboration", with T. E. Hall, International Symposium on Society and Resource Management, Estes Park, CO, June 2013
- "Communities of Integration: The Toolbox Project," with S. J. Crowley, Communities of Integration Workshop, Phoenix, AZ, May 2013
- "Social Relevance, Philosophical Relevance, and the Toolbox Project," Socially Relevant Philosophy of/in Science and Engineering Workshop, State College, PA, March 2013
- "A Pedagogical Framework for Team-Based Interdisciplinary Doctoral Education: The University of Idaho IGERT Model," with Z. Klos(*) and N. Bosque-Pérez, Association for Integrative Studies Conference, Rochester, MI, October 2012
- "Creating Common Ground in the Translational Health Sciences," with L. Rotschy, Association for Integrative Studies Conference, Rochester, MI, October 2012
- "Toward a Formal Theory of Integration," with S. Crowley, Association for Integrative Studies Conference, Rochester, MI, October 2012
- "Forming Interdisciplinary Teams," Virginia Tech-University of Idaho Workshop on Graduate Education, Coeur d'Alene, ID, October 2012
- "What Might *Integration* Be? What Using Philosophical Interventions to Facilitate Disciplinary Integration Can Teach Us About the Notion of Common Ground," with S. Crowley, Philosophy Of/As Interdisciplinary Network Conference, Tübingen, Germany, September 2012
- "Using Philosophy of Science in Interventions to Facilitate Disciplinary Integration," with S. Crowley, Workshop on Integration in Biology and Biomedicine, University of Sydney, Sydney, Australia, May 4, 2012.
- "Collaborative Communication Workshop," with S. Crowley, Science of Team Science 2012 Conference, Chicago, IL, April 2012
- "Against Speaker Intentions," with L. Rotschy, American Philosophical Association Eastern Division Meeting, Washington, DC, December 2011
- "Against Speaker Intentions," with L. Rotschy, ILCI International Workshop on Semantics, Pragmatics, and Rhetoric, Donostia, Spain, November 2011
- "'It's just semantics': Putting Joint Construal to Work in Communication and Team Building," with L. Rotschy, Association of Integrative Studies Conference, Grand Rapids, MI, October 2011
- "Identifying Disciplinary Assumptions," with S. Crowley, Association of Integrative Studies Conference, Grand Rapids, MI, October 2011
- "Educational Applications of the Toolbox Approach to Interdisciplinary Communication," with L. Rotschy, Association of Integrative Studies Conference, Grand Rapids, MI, October 2011
- "Interdisciplinary Responses to Budget Crises in Higher Education: Updating the Politics of Interdisciplinarity," panel presentation, Association of Integrative Studies Conference, Grand Rapids, MI, October 2011
- "Architecture and Applications of Language-Centered Intelligence for Unmanned Underwater Vehicles," with N. Hallin, H. Taheri, J. Horn, and D. Edwards(*), IEEE SMC 2011 Anchorage Conference, Anchorage, AK, October 2011
- "The Necessity of the Intentional Stance and Robust Intentional State-Ascription Regarding Unmanned Underwater Vehicles," with J. Horn, N. Hallin, H. Taheri, and D. Edwards(*), PT-AI Conference 2011, Thessaloniki, Greece, October 2011
- "Message Anticipation Applied to Collaborating Unmanned Underwater Vehicles," with N. Hallin(*), J. Horn, H. Taheri, and D. Edwards, Oceans '11 MTS/IEEE Kona Conference, Kona, HI, September 2011
- "Enhancing Collaborative Communication in Translational Climate Science," with L. Rotschy, S. Donovan, A. Snover, L. Slemmons, and S. Eigenbrode, poster, Pacific Northwest Climate Science Conference, Seattle, WA, September 2011
- "Better Science through Philosophy: The Story of the Toolbox Project," with J. Horn(*), Society for Philosophy of Science in Practice conference, Exeter, United Kingdom, June 2011
- "When Talking the Talk Really is Walking the Walk: Some Preliminary Communication Analysis of Toolbox Transcripts," with L. Rotschy, B. Tice, C. Looney, S. Donovan, R. Hill, S. Crowley(*), J.D. Wulffhorst, and S.D. Eigenbrode, poster, Science of Team Science Conference 2011, Chicago, IL, April 2011

- "Interdisciplinary Communication," NSF Engineering Education and Centers Awardees Conference, Reston, VA, March 2011
- "Cross-Disciplinary Research and the Practice of Epistemology," with S. Crowley, New Practices of Philosophy Conference, University of North Texas, Denton, TX, March 2011
- "Better Science through Philosophy: The Story of the Toolbox Project," New Practices of Philosophy Conference, University of North Texas, Denton, TX, March 2011
- "What I Said Isn't What You Mean... Understanding Differences on Cross-Disciplinary Research Teams," with J. D. Wulfhorst, S. Crowley, S. Donovan, R. Hill, C. Looney, B. Tice, and S. Eigenbrode, Enhancing Communication in Cross-Disciplinary Research Conference, Coeur d'Alene, ID, October 2010
- "What Tool Do I Use? The Toolbox Workshop Experience," with J. D. Wulfhorst, S. Crowley, S. Donovan, C. Looney, and S. Eigenbrode, Enhancing Communication in Cross-Disciplinary Research Conference, Coeur d'Alene, ID, October 2010
- "The Toolbox Project: Enhancing Cross-Disciplinary Communication through Philosophical Dialogue," with S. Eigenbrode, Enhancing Communication in Cross-Disciplinary Research Conference, Coeur d'Alene, ID, October 2010
- "Token Based Medium Access Control Solution for Underwater Acoustic Broadcast Communication," with H. Egbo, N. Hallin, P. Ray, J. Frenzel, and D. Edwards, Oceans '09 MTS/IEEE Biloxi Conference, Biloxi, MS, October 2009
- "Enabling Unmanned Underwater Vehicles to Reason Hypothetically," with N. Hallin, H. Egbo, P. Ray, T. Soule, and D. Edwards, Oceans '09 MTS/IEEE Biloxi Conference, Biloxi, MS, October 2009
- "A MOOS Module for Autonomous AUV Fleet Control," with C. Tye, M. Kinney, J. Frenzel, and D. Edwards, Oceans '09 MTS/IEEE Biloxi Conference, Biloxi, MS, October 2009
- "Using Collective Intentionality to Model Fleets of Autonomous Underwater Vehicles," with P. Ray and D. Edwards, Oceans '09 MTS/IEEE Biloxi Conference, Biloxi, MS, October 2009
- "The Ontological Status of Autonomous Underwater Vehicle Fleets," with P. Ray and D. Edwards, Oceans '09 MTS/IEEE Biloxi Conference, Biloxi, MS, October 2009
- "Using Language-Centered Intelligence to Optimize Mine-Like Object Inspections for a Fleet of Autonomous Underwater Vehicles," with N. Hallin, B. Johnson, H. Egbo, P. Ray, J. Frenzel, T. Soule, and D. Edwards, 16th International Symposium on Unmanned Untethered Submersible Technology (UUST'09), Lee, NH, August 2009
- "Simulating Human Reasoning in Mine-Like Object Inspection Assignments for a Formation of Unmanned Underwater Vehicles," with N. Hallin, B. Johnson, H. Egbo, T. Soule, and D. Edwards, ECSIS Symposium on Learning and Adaptive Behavior in Robotic Systems, Iasi, Romania, July 2009
- "A Fuzzy Logic Resource Optimizer for a Fleet of Autonomous Vehicles in Low-Bandwidth Conditions," with N. Hallin, B. Johnson, and D. Edwards, Oceans '09 IEEE Bremen Conference, Bremen, Germany, May 2009
- "Collaborative Mapping with Autonomous Underwater Vehicles in Low-Bandwidth Conditions," with B. Johnson, N. Hallin, H. Leidenfrost, and D. Edwards, Oceans '09 IEEE Bremen Conference, Bremen, Germany, May 2009
- "Better Science through Epistemology," with S. Eigenbrode, Inland Northwest Philosophy Conference, Pullman, WA, May 2009
- "Remarks on the Philosophy of John Perry," Conference on John Perry, Riverside, CA, April 2009
- "No, We Should Use the Other Hammer: A Toolbox-Based Approach to Negotiating Philosophical Differences within Cross-Disciplinary Research Groups," with C. Looney, J. D. Wulfhorst, I. O'Loughlin, S. D. Eigenbrode, S. Donovan, S. Crowley, and B. Crist, Northwest Scientific Association Meeting, University of Washington, Seattle, WA, March 2009
- "Autonomous Navigation of an Unmanned Ground Vehicle in Unstructured Forest Terrain," with J. Alberts, D. Edwards, T. Soule, and M. Anderson, 2008 ECSIS Symposium on Learning and Adaptive Behavior in Robotic Systems, Edinburgh, Scotland, August 2008
- "Toward a Neurobiological Agent Architecture for AUVs," with K. Merrill, T. Bean, and D. Edwards, Oceans '07 MTS/IEEE-Vancouver Conference, Vancouver, British Columbia, Canada, September/October 2007
- "Designing and Implementing Collaborative Behaviors for Autonomous Underwater Vehicles," with T. Bean, J. Canning, G. Beidler, and D. Edwards, 15th International Symposium on Unmanned Untethered Submersible Technology (UUST'07), Lee, NH, August 2007

- "From Language to Code: Implementing *AUVish*," with G. Beidler, T. Bean, D. Morrison, K. Merrill, and D. Edwards, 15th International Symposium on Unmanned Untethered Submersible Technology (UUST'07), Lee, NH, August 2007
- "Embedding the Humanities in a Land-Grant Institution: Engaging Faculty from across the Campus," with J. Henscheid and J. G. Williams, presented to HS7: The International Symposium on New Directions in the Humanities, New York, NY, February 2007
- "It's Alive! The Lifespan of an Interdisciplinary Course in the Humanities," with T. Drake and I. Peterson, presented to HS7: The International Symposium on New Directions in the Humanities, New York, NY, February 2007
- "Philosophical Issues in Interdisciplinary Research," with S. Eigenbrode, D. Althoff, N. Bosque-Pérez, C. Goldberg, K. Merrill, W. Morse, M. Nielsen-Pincus, L. Winowiecki, and J. D. Wulforst, Idaho Academy of Sciences, Moscow, ID, March 2006, and the Northwest Conference on Philosophy, Portland, OR, October 2006
- "*AUVish*: An Application-Based Language for Cooperating AUVs," with A. Rajala and D. Edwards, Oceans '06 MTS/IEEE-Boston Conference, Boston, MA, September 2006
- "An Intentional Framework for Communication in Multi-Agent Systems," with K. Merrill and D. Edwards, Oceans '06 MTS/IEEE-Boston Conference, Boston, MA, September 2006
- "Pragmatics and Agent Communication Languages," with J. Coleman and D. Edwards, Formal Ontologies for Communicating Agents Workshop/ESSLLI 2006, Malaga, Spain, August 2006
- "Identifying Error in AUV Communication," with A. Rajala, K. Merrill, J. Coleman, and D. Edwards, Oceans '06 Asia Pacific IEEE-Singapore Conference, Singapore, May, 2006
- "Collaborative Control for Vehicle Replacement in AUV Formations," with A. Rajala and D. Edwards, 2005 ASME International Mechanical Engineering Congress and Exposition, Orlando, FL, November 2005
- "Integration of Sustainability in the University of Idaho Curriculum," with D. Lind, M. Nelson, and S. Eigenbrode, Sustainable Transportation on Campus and in the Community Conference, Moscow, ID, September 2005
- "Mmm... Pudding," UI/WSU Philosophy Colloquium, Pullman, WA, September 2004, and the Northwest Conference on Philosophy, Bellevue, WA, October 2004
- "Generating Student Interest in General Education," Land-Grant General Education Administration Meeting, Moscow, ID, September 2004
- "UI General Education Model," with R. Awwad-Rafferty and W. Voxman, poster AAC&U Conference on Best Practices in General Education, Atlanta, GA, March 2001
- "Skepticism About the Past," with J. Keim Campbell, International Exchange Conference, Lewiston, ID, November 1999
- "The Scope Argument," Northwest Conference on Philosophy, Coeur d'Alene, ID, October 1999
- "Content and Communication," Northwest Conference on Philosophy, Eugene, OR, October 1998
- "What Do You Have in Mind?" Northwest Conference on Philosophy, Ellensburg, WA, November 1997
- "Aiming and Referring," Northwest Conference on Philosophy, Portland, OR, October 1996, and to the Kansas State University Philosophy Colloquium, Manhattan, KS, November 1995
- "Jay's Taste in Music," Northwest Conference on Philosophy, Spokane, WA, October 1995
- "Saying Two Things at Once," Kansas Philosophical Society, Topeka, KS, February 1995
- "Morality and Sequential Acts," Stanford-Berkeley Graduate Philosophy Conference, Berkeley, CA, April 1988

Comments:

- Discussant, "Exploring Approaches to Catalyzing Transdisciplinary Engagement," 4S Conference, Sydney, Australia, August 2018
- Comment on "After Mr. Nowhere: More New Proper Scientific Selves," by Sandra Harding, Knowledge from the Margins Conference, Michigan State University, East Lansing, MI, August 2015
- Comment on "Having in Mind," by Howard Wettstein, Inland Northwest Philosophy Conference, University of Idaho and Washington State University, Moscow, ID, May 2010
- Comment on "Rigidity for Kind Designators," by Jussi Haukioja, Inland Northwest Philosophy Conference, University of Idaho and Washington State University, Moscow, ID, March 2008
- Comment on "A Problem with Pronouns," by Maximilian de Gaynesford, Northwest Conference on Philosophy, Forest Grove, OR, October 2000

- Comment on "Can Human Rationality Be Defended A Priori?" by David Shier, Inland Northwest Philosophy Conference, University of Idaho and Washington State University, Moscow, ID, April 1999
- Comment on "Wettstein's Incompleteness, Salmon's Intuitions," by Michael Nelson, Pacific Division meeting of the American Philosophical Association, Berkeley, CA, March 1999
- Comment on "Metaphysical Realism As Less Than a Dogma," by Ronald Wilburn, Inland Northwest Philosophy Conference, University of Idaho and Washington State University, Moscow, ID, April 1998
- Comment on "Content and the Causal Role of Mental States," by Jeffrey Hershfield, Kansas Philosophical Society, Manhattan, KS, February 1996
- Comment on "Metasemantics, Consumerism and the Historical Chain," by Adele Mercier, Pacific Division meeting of the American Philosophical Association, Los Angeles, CA, March 1994

Conferences and Workshops Organized:

- Co-Organizer (with J. Barnes Najor and M. McNall), "Integration of Values and Co-Creation of Knowledge for Equitable Research: Lessons from Indigenous Early Childhood Community Research Partnerships", Michigan State University, Online, November 2020
- Co-Organizer (with S. E. Vasko), "Transdisciplinary Graduate Fellowship Program Symposium," Michigan State University, Online, August 2020
- Co-Director (with M. A. Rinkus and E. Cardenas), "Team Communication: How Can We Get More Out of Talking?", IRISS, Colorado State University, Online, August 2020
- Director, "Toolbox Workshop for the Growing Convergence Research Program, National Science Foundation," Alexandria, VA, January 2020
- Director, "AccelNet Program PI Meeting, National Science Foundation," Alexandria, VA, October 2019
- Local Organizer, "2019 Public Philosophy Network Conference," Michigan State University, East Lansing, MI, October 2019
- Director, "The Toolbox Dialogue Method: A 'Train-the-Trainers' Workshop," Convergence Accelerator Program, National Science Foundation, Alexandria, VA, October 2019
- Co-Director (with D. Fam), "Interdisciplinary and Transdisciplinary 'Failures' as Lessons Learned," International Transdisciplinary Conference, Gothenburg, Sweden, September 2019
- Co-Organizer (with S. E. Vasko), "Transdisciplinary Graduate Fellowship Program Symposium," Michigan State University, East Lansing, MI, August 2019
- Co-Organizer (with J. B. Holbrook, M. Hoffmann, and A. Briggie), "Workshop on Assessing Ethics Education Interventions in Science and Engineering," Washington, DC, August 2019
- Chair, "2019 Science of Team Science Conference," Lansing, MI, May 2019
- Director, "Science of Team Science Interdisciplinary Research Forum," OVPRI/MSU Center for Interdisciplinarity, Michigan State University, East Lansing, MI, March 2019
- Director, "Evaluating Complex Scholarship in Today's Academy: Interdisciplinarity, Collaboration, and Open Scholarship," MSU Center for Interdisciplinarity, Michigan State University, East Lansing, MI, June 2018
- Co-Director (with M. McNall and B. K. Laursen), "Practical Approaches to Integrating Different Ways of Knowing in Community-University Partnerships", MSU Center for Interdisciplinarity and University Outreach and Engagement, Michigan State University, East Lansing, MI, March 2018
- Director, "Building Better Teams through Dialogue", 2016 Leadership Academy, Association for Talent Development, Greater Atlanta Chapter, Atlanta, GA, July 2016
- Director, "Toolbox Data Summit," Michigan State University (East Lansing, MI, November 2015)
- Co-Director (with B. Robinson), "Customizing the Toolbox for RIHN," Research Institute for Humanity and Nature (Kyoto, Japan, November 2015)
- Co-Director (with S. Crowley and H. Falk-Krzesinski), "Collaborative Communication for Team Science Workshop," National Organization for Research Development Professionals Conference 2015 (Bethesda, MD, April 2015)
- Director, "Toolbox Train-the-Trainers Workshop," Knowledge Integration Program (University of Waterloo, Waterloo, ON, January 2015)
- Director, "Mapping the Space of Collaboration Workshop," Moore Foundation Marine Microbiology Initiative Research Associate and Postdoctoral Scholar Summit (Dorado, Puerto Rico, February 2014)

Co-Director (with K. Weathers and E. Read), "GLEON Case Studies Workshop," GLEON Fellows meeting, Cary Institute of Ecosystem Studies, (Millbrook, NY, January 2014)

Co-Director, "Toolbox Workshop," IBEST (UI, Orofino, ID, March 2009), REACH IGERT (UC-Davis, Davis, CA, May 2009), CREATE IGERT (UC-Davis, Davis, CA, May 2009), CRISSP REU (University of Idaho, Moscow, ID, June 2009, June 2010, July 2011, July 2012), Idaho EPSCoR (Moscow, ID, September 2009), Cornell Center for a Sustainable Future—Leadership Team (Cornell University, Ithaca, NY, September 2009), Cornell Center for a Sustainable Future—Chairs and Faculty Group (Cornell University, Ithaca, NY, September 2009), Cornell Center for a Sustainable Future—Sustainable Food Systems Research Team (Cornell University, Ithaca, NY, September 2009), Cornell Center for a Sustainable Future—Green Energy Development Research Team (Cornell University, Ithaca, NY, September 2009), Idaho Risk Avoidance and Mitigation Program (UI, Moscow, ID, February 2010), Resilience IGERT (UI, Priest River, ID, July 2010, Dworshak, ID, August 2011), BEACON Science and Technology Center Congress (Michigan State University, East Lansing, MI, August 2010), Enhancing Communication in Cross-Disciplinary Research Conference (Coeur d'Alene, ID, October 2010), Genome Transplant Dynamics Project (Stanford University, Stanford, CA, February 2011), REACCH PNA Cooperative Agricultural Project (UI, Moscow, ID, May 2011), Northwest Climate Science Center Boot Camp (University of Washington, Pack Forest, WA, August 2011), Institute for Translational Health Science leadership team (University of Washington, Seattle, WA, September 2011), Water Resources 506 graduate student group (University of Idaho, Moscow, ID, October 2011), School of Sustainability Research Group (Arizona State University, Tempe, AZ, February 2012), Science of Team Science 2012 Workshop (Northwestern University, Chicago, IL, April 2012), Virginia Tech Water INTERface IGEP seminar (Virginia Tech, Blacksburg, VA, September 2012), Virginia Tech/University of Idaho Graduate Education Workshop (Coeur d'Alene, ID, October 2012), ITHS KL2 Scholars group (University of Washington, Seattle, WA, October 2012), ITHS TL1 Scholars group (University of Washington, Seattle, WA, October 2012), University of Waterloo Knowledge Integration Program (University of Waterloo, Waterloo, Ontario, CA, November 2012), GLEON Graduate Fellows Workshop (Lake Sunapee, NH, January 2013), ESP 800 graduate student group (Michigan State University, East Lansing, MI February 2013), WSP 301 undergraduate student group (Whittier College, Whittier, CA, April 2013), NUCATS/IPHAM leadership group (Northwestern University, Chicago, IL, May 2013), CRISSP and REACCH Research Experiences for Undergraduates (University of Idaho, Moscow, ID, July 2013), Northwest Climate Science Center Boot Camp (University of Idaho, McCall Field Campus, McCall, ID, August 2013), BEACON Science and Technology Center Congress (Michigan State University, East Lansing, MI, August 2013), Sustainable Climate Risk Management (SCRiM) Sustainability Research Network All-Hands Meeting (Penn State University, State College, PA, August 2013), SCRiM Sustainability Research Network Summer School (Penn State University, State College, PA, August 2013), First Global Conference on Research Integration and Implementation (Australian National University, Canberra, AUS, September 2013), Phil 860 graduate student group (Michigan State University, East Lansing, MI, September 2013), CSS 424 undergraduate student group (Michigan State University, East Lansing, MI, September 2013), SS5340 graduate student group (PIRE Project, Michigan Tech, Houghton, MI, September 2013), Genetic Engineering and Society IGERT Project (North Carolina State University, Raleigh, NC, October 2013), Adaptive Water Governance Pursuit, National Socio-Environmental Synthesis Center (SESYNC) (University of Maryland, Annapolis, MD, December 2013), CSS 892B graduate student group (Michigan State University, East Lansing, MI, January 2014), University at Buffalo INSPIRE Project (University at Buffalo, Buffalo, NY, January 2014), Moore Foundation Marine Microbiology Initiative Research Associate and Postdoctoral Scholar Summit (Dorado, Puerto Rico, February 2014), University of Idaho Biology 553 graduate student group (University of Idaho, Moscow, ID, February and March, 2014), North Central Regional Association of State Agricultural Experiment Station Directors Spring 2014 Meeting (Grand Rapids, MI, April 2014), WSP 301 undergraduate student groups (Whittier College, Whittier, CA, April 2014), CRISSP Research Experiences for Undergraduates (University of Idaho, Moscow, ID, July 2014), BEACON Science and Technology Center 2014 Congress (Michigan State University, East Lansing, MI, August 2014), West Michigan Climate Resiliency Conference (Grand Rapids, MI, October 2014), Western Consortium for Water Analysis, Visualization, and Exploration (University of New Mexico, Albuquerque, NM, January 2015), SON N9260: Building Interdisciplinary Research

Models, Columbia University School of Nursing (Columbia University, New York, NY, January 2015), WSP 301 undergraduate student groups (Whittier College, Whittier, CA, April 2015), MSU OneHealth Initiative (Michigan State University, East Lansing, MI, May 2015), Woody Weeds Project Workshop #1 (Kenya Forest Research Institute, Nairobi, Kenya, June 2015), BEACON Science and Technology Center 2015 Congress (Michigan State University, East Lansing, MI, August 2015), Research Institute for Humanity and Nature (Kyoto, Japan, November 2015), Woody Weeds Project Workshop #2 (Amani Nature Reserve workstation, Tanzania, November 2015), ECOGIG Workshop (University of Georgia, Athens, GA, December 2015), Antimicrobial Resistance Mitigation Research Group (Michigan State University, January 2016), Nature of Philosophy Toolbox workshop (Michigan State University, March 2016), Philosophy of Environmental Science graduate course (Michigan State University, March 2016), WSP 301 undergraduate student groups – 2 workshops (Whittier College, Whittier, CA, March 2016), MSU Office of Sustainability (Michigan State University, East Lansing, MI, May 2016), Faculty and Organizational Development Spring Institute (Michigan State University, East Lansing, MI, May 2016), Central Issues Toolbox Workshop (Woody Weeds Project, Woody Weeds Semi-Annual Meeting, Adama, Ethiopia, June 2016), Tech Transfer Toolbox workshop (Michigan State University, East Lansing, MI, September 2016), Catholic Relief Services (Baltimore, MD, October 2016), American Association for the Advancement of Science Community Engagement Fellows Program (Washington, DC, January 2017), Monroe County Food Council (Monroe, MI, January 2017), Zombie Apocalypse course (Washington State University, Pullman, WA, January 2017), MRM 525 – Risk & Uncertainty NRT Project (Oregon State University, Corvallis, OR, February 2017), Academic Advancement Network #1 (Michigan State University, East Lansing, MI, February 2017), Purdue Breaking Through – Flood Risk (Purdue University, West Lafayette, IN, February 2017), Purdue Breaking Through – Global to Local (Purdue University, West Lafayette, IN, February 2017), Purdue Breaking Through – Tipping Points (Purdue University, West Lafayette, IN, March 2017), WSP 301 undergraduate student groups – 2 workshops (Whittier College, Whittier, CA, March 2017), Academic Advancement Network #2 (Michigan State University, East Lansing, MI, April 2017), Creating Inclusive Excellence Grant faculty workshops – 2 workshops (Michigan State University, East Lansing, MI, May 2017), Forest Ecosystems & Society (Oregon State University, Corvallis, OR, May 2017), Creating Inclusive Excellence Grant administrator workshop (Michigan State University, East Lansing, MI, May 2017), International Transdisciplinary Conference (Leuphana University, Lüneburg, Germany, September 2017), Association for Interdisciplinary Studies (University of Maryland, Baltimore County, Baltimore, MD, October 2017), CANR Communication Team (Michigan State University, East Lansing, MI, November 2017), MRM 525 – Risk & Uncertainty NRT Project (Oregon State University, Corvallis, OR, January 2018), Toolbox workshop and Local Implementation Group “fishbowl” exercise (Woody Weeds Project, Woody Weeds Semi-Annual Meeting, Moshi, Tanzania, January 2018), College of Communication Arts & Sciences (Michigan State University, East Lansing, MI, March 2018), WSP 301 undergraduate student groups – 2 workshops (Whittier College, Whittier, CA, March 2018), Pufendorf Institute of Advanced Study (Lund University, Lund, Sweden, May 2018), BEACON Science and Technology Center 2018 Congress – 2 workshops (Michigan State University, East Lansing, MI, August 2018), Neuroscience Program Retreat (Michigan State University, East Lansing, MI, August 2018), Zombie Apocalypse course (Washington State University, Pullman, WA, September 2018), Woody Weeds Graduate Students (Woody Weeds Project, Woody Weeds Semi-Annual Meeting, Bishoftu, Ethiopia, September 2018), Woody Weeds Local Implementation Group (Woody Weeds Project, Woody Weeds Semi-Annual Meeting, Bishoftu, Ethiopia, September 2018), University of Nebraska, Lincoln Research Day – 2 workshops (University of Nebraska, Lincoln, NE, November 2018), Art, Art History, & Design (Michigan State University, East Lansing, MI, January 2019), Transdisciplinary Graduate Fellowship Program Short Course (Michigan State University, East Lansing, MI, January 2019), MRM 525 – Risk & Uncertainty NRT Project (Oregon State University, Corvallis, OR, January 2019), WSP 301 undergraduate student groups – 4 workshops (Whittier College, Whittier, CA, March 2019), Building Healthcare Collectives (Michigan State University, East Lansing, MI, April 2019), University of Nigeria, Nsukka Research Ethics Workshop (University of Nigeria, Nsukka, Nsukka, Nigeria, August 2019), NSF Convergence Accelerator Conference (National Science Foundation, Alexandria, VA, October 2019), NSF AccelNet Program PI Meeting (National Science Foundation, Alexandria,

- VA, October 2019), Transdisciplinary Research on the Changing Arctic and Its Global Impacts: Enhancing Capacity for Convergence Science (NSF Navigating the New Arctic Program, University of California, Irvine, Irvine, CA, November 2019), Transdisciplinary Graduate Fellowship Program Short Course (Michigan State University, East Lansing, MI, January 2020), NSF Growing Convergence Research Program PI meeting (National Science Foundation, Alexandria, VA, January 2020), MRM 525 – Risk & Uncertainty NRT Project (Oregon State University, Corvallis, OR, January 2020), University of Nebraska, Lincoln – University of Montana EPSCoR (University of Nebraska, Lincoln, Lincoln, NE, February 2020), Expanding Horizons Program, University of Tennessee – 4 workshops (Virtual workshops delivered to teams based in Knoxville, TN, April/May 2020), NSF Convergence Accelerator “Train the Trainer” Workshop 1 – 4 workshops (National Science Foundation, Online, October 2020), NSF Convergence Accelerator “Train the Trainer” Workshop 2 – 4 workshops (National Science Foundation, Online, November 2020), NSF AccelNet Program 2020 Cohort Workshops – 6 workshops (National Science Foundation, Online, December 2020), Transdisciplinary Graduate Fellowship Program Short Course (Michigan State University, East Lansing, MI, January 2021), Co-Director (with S. Crowley, S. Eigenbrode, and J. D. Wulfhorst), “Enhancing Communication in Cross-Disciplinary Research,” National Science Foundation, University of Idaho, & Boise State University, Coeur d’Alene, ID, October 2010
- Co-Director (with W. Kabasenche), “Inland Northwest Philosophy 13 Conference: Reference and Referring,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, May 2010
- Director, “Workshop on Interdisciplinary Research Collaboration,” University of Idaho College of Letters, Arts & Social Science, Moscow, ID, November 2009
- Co-Director (with J. Keim Campbell and M. Slater), “Inland Northwest Philosophy 12 Conference: The Environment,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, May 2009
- Co-Director (with S. Eigenbrode), “Workshop on Interdisciplinary Research: Applying the Toolbox,” University of Idaho IGERT “prairie” team, Moscow, ID, June 2005, Waters of the West research team, Moscow, ID, September 2006 and April 2008, WSU/UW IGERT on Evolution, Pullman, WA, October 2006, two Water Resources graduate student teams, Moscow, ID, September and October 2007, a University of Alaska IGERT research team, Anchorage, AK, October 2007, graduate students from the BEB IGERT and Department of Natural Resources at Cornell University, Ithaca, NY, September 2008
- Co-Director (with J. Keim Campbell and H. Silverstein), “Inland Northwest Philosophy 9 Conference: Action, Ethics, and Responsibility,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, March-April 2006
- Co-Director (with J. Johnstone-Yellin), “Workshop on Critical Thinking,” University of Idaho Core Faculty, Moscow, ID, August 2005
- Co-Director (with J. Keim Campbell and H. Silverstein), “Inland Northwest Philosophy 8 Conference: Time and Identity,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, March-April 2005
- Director, “Workshop on Critical Thinking Skills Instruction,” University of Idaho Core Faculty, Moscow, ID, August 2004, August 2003, August 2002, August 2001, June 2001, and August 2000
- Co-Director (with J. Keim Campbell and H. Silverstein), “Inland Northwest Philosophy 7 Conference: Knowledge and Skepticism,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, April-May 2004
- Co-Director (with J. Keim Campbell and H. Silverstein), “Inland Northwest Philosophy 6 Conference: Explanation and Causation,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, April 2003
- Co-Director (with J. Keim Campbell and D. Shier), “Inland Northwest Philosophy 5 Conference: Law and Social Justice,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, April 2002
- Co-Director (with D. Bukvich and R. Fehrenbacher), “The Tools Symposium: Technology and the Making of Humanity,” University of Idaho, May 1-3, 2001
- Co-Director (with J. Keim Campbell and D. Shier), “Inland Northwest Philosophy 4 Conference: Freedom and Determinism,” University of Idaho & Washington State University, Moscow, ID & Pullman, WA, April 2001

- Co-Director (with J. Keim Campbell and D. Shier), "Inland Northwest Philosophy 3 Conference: Truth and Meaning," University of Idaho & Washington State University, Moscow, ID & Pullman, WA, March 2000
- Co-Director (with J. Keim Campbell), "Inland Northwest Philosophy 2 Conference: Reason and Rationality," University of Idaho & Washington State University, Moscow, ID & Pullman, WA, April 1999
- Co-Director (with J. Keim Campbell), "Inland Northwest Philosophy 1 Conference: Realism and Anti-Realism," University of Idaho & Washington State University, Moscow, ID & Pullman, WA, April 1998

Grants and Contracts Awarded:

- Institutional Transformation: VERITIES—Virtue-Based Education for Responsibility and Integrity To Increase Excellence in STEM, 2020-2025, National Science Foundation, co-PI, \$599,930
- Collaborative Research: Scholar(ly) Devaluation as a Barrier to Inclusion and Equity of Underrepresented Faculty in STEM, 2020-2023, National Science Foundation, co-PI, \$372,421
- Enhancing the Process of Network-to-Network Collaboration: A TDI-Facilitated PI Meeting for the AccelNet Program, 2020-2021, National Science Foundation, PI, \$100,000
- EAGER: Integrated Team Science Curriculum Development and Support for the Convergence Accelerator Program, 2020-2022, National Science Foundation, PI, \$299,854
- Toolbox Workshop for the NASA Heliophysics DRIVE Science Centers, 2020-2022, National Aeronautics and Space Administration, PI, \$230,405
- Supplement to "A Toolbox 'Train the Trainers' Workshop for the C-Accel Program" to fund a Toolbox workshop for the Growing Convergence Research Program, 2019-2020, National Science Foundation, PI, \$18,797
- A Toolbox "Train the Trainers" Workshop for the C-Accel Program, 2019-2020, National Science Foundation, PI, \$95,154
- Developing an IRB at University of Nigeria: A Culturally-Relevant Model, 2019, Alliance for African Partnership, Michigan State University, East Lansing, MI, PI, \$19,282
- Workshop on Assessing Ethics Education Interventions in Science and Engineering: Washington, DC, August 2019, 2019-2020, National Science Foundation, co-PI, \$49,656
- Toolbox Workshop for the AccelNet PI Meeting, 2018-2020, National Science Foundation, PI, \$71,909
- Living Architecture Systems, 2016-2021, Social Sciences and Humanities Research Council of Canada Partnership Grant, co-applicant, \$2,476,738 CA (\$226,378 CA, MSU)
- Integrating Epistemic and Social Inclusion Training for Graduate Students, 2015-2016 Creating Inclusive Excellence Grant, Michigan State University, co-PI, \$35,000
- Attitudes toward Animal Agriculture: Understanding and Influencing Attitudes Using Experiential Learning, Michigan Alliance for Animal Agriculture Program, 2016, co-PI, \$43,771
- Toolbox Postdoctoral Researcher, 2015-17, AgBioResearch, Michigan State University, PI, \$120,000
- Toolbox Project Business Plan, 2015-2017, CAL & the Provost's Office, Michigan State University, PI, \$190,000
- S3 Collaborative Grant Proposal, 2014-2015, Michigan State University, co-PI, \$10,000
- Coastal Fog Ethnography Project, 2013-2014, Gordon and Betty Moore Foundation, PI, \$7,500
- Collaborative Research: Values and Policy in Interdisciplinary Environmental Science: A Dialogue-based Framework for Ethics Education, 2013-2016, National Science Foundation, PI, \$299,999
- REU Site: Interdisciplinary Approach to Challenges posed by Invasive Species, 2012-2015, National Science Foundation, co-PI, \$284,819
- Developing a Virtue-Based Approach to RCR Training, 2012-2013, BEACON Science & Technology Center, co-PI, \$3,500
- Idaho Humanities Council Mini Grant, 2010-11, to support the 2010 Inland Northwest Philosophy Conference, PI, \$1,987
- Enhancing Communication in Public Health Research and Practice, 2009-2010, Fund for Interdisciplinary Teams, UI Environmental Science Program, co-PI, \$20,000
- Improving Communication in Cross-Disciplinary Collaboration, 2008-2012, National Science Foundation, PI, \$292,000
- Cooperative Autonomous Underwater Vehicles Used to Search Large Ocean Areas for Mines, 2008-2010, Office of Naval Research, co-PI, \$2,583,473

Developing a Vision System for an Autonomous Forest Vehicle, 2008-2009, Idaho State Board of Education, co-PI, \$75,000
 Electromagnetic Signature Assessment System Using Multiple Autonomous Underwater Vehicles, 2008-2009, Office of Naval Research, co-PI, \$2,970,000
 Interdisciplinary Activities Grant, 2007-08, co-PI, to support work on philosophical issues in interdisciplinary research, \$18,000
 Idaho Humanities Council Mini Grant, 2006-07, to support the 2006 Inland Northwest Philosophy Conference, PI, \$1,987
 Idaho Humanities Council Mini Grant, 2005-06, to support the 2005 Inland Northwest Philosophy Conference, PI, \$1,987
 Idaho Humanities Council Mini Grant, 2004-05, to support the 2004 Inland Northwest Philosophy Conference, PI, \$1,987
 Idaho Humanities Council Mini Grant, 2003-04, to support the 2003 Inland Northwest Philosophy Conference, PI, \$1,989
 Idaho Humanities Council Mini Grant, 2002-03, to support the 2002 Inland Northwest Philosophy Conference, PI, \$1,989
 Idaho Humanities Council Mini-Grant, 2001-02, to support the 2001 Inland Northwest Philosophy Conference, PI, \$1,989
 Idaho Humanities Council Mini-Grant, 2000-01, to support the 2000 Inland Northwest Philosophy Conference, PI, \$1,900
 Matchette Foundation, 2000-01, to support 2000 Inland Northwest Philosophy Conference, PI, \$2,000
 Idaho Humanities Council Major Grant, 1998-99, to support the 1999 Inland Northwest Philosophy Conference. PI, \$3,516
 NEH Summer Stipend, Summer 1998, to support research on having a particular thing in mind, PI, \$4,000
 Idaho Humanities Council Mini-Grant, 1998-99, to support the 1998 Inland Northwest Philosophy Conference, PI, \$1,192
 Idaho Humanities Council Research Fellowship, 1997-98, to support research on the contents of singular thoughts, PI, \$1,500
 University of Idaho Seed Grant, 1997-98, to support research on singular thought, PI, \$6,000

Honors and Awards:

American Philosophical Association/Philosophy Documentation Center Prize for Excellence and Innovation in Philosophy Programs, Toolbox Dialogue Initiative, 2018
 Faculty Story, College of Arts & Letters, Michigan State University, 2016
 University of Idaho Interdisciplinary or Collaborative Efforts Excellence Award, 2012
 Palouse Region STAR Award to the Co-Directors of the Inland Northwest Philosophy Conference, awarded by the Joint Chambers of Commerce, Pullman, WA and Moscow, ID, 2003
 Mellon Foundation Dissertation Fellowship, 1992-93
 Center for the Study of Language and Information Fellow, 1989-91
 Mellon Fellowship in the Humanities, 1987 cohort

TEACHING:

Courses Taught (course number, title, semester, enrollment):

At Michigan State University

PHL 830: Seminar in Logic and Language, F18, 3
 PHL 880: Seminar in Philosophy of Science, F16, 5
 PHL 860: Seminar in Interdisciplinary Epistemology, F13, 5; F17, 3
 PHL 800: Proseminar in Philosophy, F16, 3; F17, 4; F18, 4
 PHL 490: Philosophy of Communication, S16, 1
 PHL 462: Philosophy of Mind, F14, 25
 PHL 431: Topics in the Philosophy of Logic and Language, S13, 10; F15, 12
 PHL 360: Philosophy of Language, S15, 25
 PHL 330: Formal Logic, S17, 35

PHL 200: Introduction to Philosophy, F12, 50
 PHL 130H: Honors Logic and Reasoning, F12, 35
 PHL 130: Logic and Reasoning, F13, 45; S14, 130; F14, 45; S15, 48; F15, 148; S16, 45; F16, 98; F19, 48; F20, 80

At University of Idaho

USAC: Constructing Identities in Latin America, F03, 14
 USAC: Revolutions in Latin America, F03, 4
 Core 101 & 102: The Monsters We Make, F01, Sp02, F02, Sp03, F04, Sp05, 35
 INTR 404 & 404H: Insight and Creativity, F01, Sp02, F02, Sp03, Sp04, F04, Sp05, F05, Sp06, F06, Sp07, 10-15
 INTR 404 & 404H: Technology and Humanity, F00, Sp01, 10-15
 INTR 450 & 450H: University Interdisciplinary Colloquium, Sp08, F08, Sp09, F09, Sp10, F10, Sp11, F11, 10-15
 Phil C103: Ethics (Correspondence), Sp97-Sp03, N/A
 Phil 201: Critical Thinking, Sp97, Sp98, F98, 30
 Phil 202: Symbolic Logic, F96, F97, Sp99, Sp00, Sp01, Sp02, Sp03, Sp04, Sp05, Sp06, Sp07, Sp08, F09, F10, F11, 35-65
 Phil 240: Belief and Reality, F96, F97, F98, F99, F00, F01, F02, Sp04, F04, F05, Sp09, 25, Sp10, 30, Sp11, 70
 Phil 321: History of Modern Philosophy (co-taught with department), Sp06, Sp07, 25
 Phil 340: Metaphysics, Sp98, Sp00, Sp02, Sp05, 20
 Phil 404: Natural Language Syntax, F08, 1
 Phil 404: Critical Thinking for Educators, Su98, Su99, 7 & 14
 Phil 404/504: Philosophy of Music, Sp11, 30
 Phil 440: Theory of Knowledge, Sp97, Sp99, Sp01, Sp04, F06, Sp09, 25
 Phil 442: Philosophy of Mind, F97, F99, F01, F04, F08, F10, 20
 Phil 443: Philosophy of Language, F96, F98, F00, Sp03, Sp06, Sp07, F09, F11, 20-25
 Phil 490: Senior Seminar: Realism & Anti-Realism, Sp98, 12
 Phil 490: Senior Seminar: Metaphilosophy, Sp04, 14
 Phil 490: Senior Seminar: Intention and Intentionality, Sp08, 13
 Phil 496: Teaching Methods in Philosophy, 1 student each: Sp98, F98, Sp99, F99, Sp00, F00, Sp01, F02, Sp03, Sp04, F04, Sp05, F05, Sp06, Sp08, F08, Sp09, F09, Sp10, F10, Sp11, F11
 Phil 499: Directed Study, about a student per year, on average
 Phil 504: Natural Language Syntax, F08, 5
 Phil 504: Philosophical Issues in Interdisciplinary Research, Sp05, 15
 Phil 504: Graduate Seminar in Philosophy of Language, F05, Sp07, 10-15
 Phil 524: Graduate Seminar in Epistemology, F08, 15
 Phil 542: Philosophy of Mind, F08, Sp10, 5
 Phil 543: Philosophy of Language, Sp07, F09, F11, 5

Students Advised

At Michigan State University:

CAL Undergraduate Research Internship, Rachel Nelson, 2016-2017
 Philosophy Undergraduate Research Internship, Dilyn Corner, 2015-2016
 Senior thesis adviser, Willy Penn, 2014-2015

At University of Idaho:

Undergraduate Students:

	TOTAL	TO COMPLETION
2011-12	34	12
2010-11	30	8
2009-10	25	10
2008-09	20	9

2007-08	20	8
2006-07:	25	5
2005-06:	30	11
2004-05:	30	8
2003-04:	20	8
2002-03:	14	6
2001-02:	18	6
2000-01:	12	5
1999-2000:	15	6
1998-99:	17	6
1997-98:	16	4

<u>Post-Doctoral Research Associates (Mentor – Michigan State University)</u>	
Edgar Cardenas, 2018-present Chet McLeskey, 2017-present Marisa Rinkus, 2017-present Kimberly Carr, 2019-2020	Anna Malavisi, 2017 Stephanie E. Vasko, 2015-2017 Brian Robinson, 2014-2016 Chad Gonnerman, 2013-2014
<u>Graduate Students (Principal Adviser – University of Idaho unless noted)</u>	
Jeffrey Davis, Philosophy Ph.D., MSU, 2017-present Bethany Laursen M.A., Philosophy, MSU, 2015-2020 Bethany Laursen, CSUS Ph.D., MSU, 2015-2020 Ken Marable, Philosophy Ph.D., MSU, 2014-2016 Thomas, Susan, Philosophy M.A., 2011-2012 Clothiaux, Jeanne, Philosophy M.A., 2008-2012 Horn, Justin, Philosophy M.A., 2009-2011	Ray, Patrick, Philosophy M.A., 2008-2009 O'Loughlin, Ian, Philosophy M.A., 2007-2008 Metzler, Michael, Philosophy M.A., 2006-2007 Merrill, Kaylani, Philosophy M.A./Neuroscience M.S., 2004-07 Jensen, John, Philosophy M.A., 2004-05
<u>Graduate Students (served on graduate committee – University of Idaho unless noted)</u>	
AY Odedeysi, Philosophy Ph.D., MSU, 2019-present Kwabena Edusei, Philosophy Ph.D., MSU, 2019-present Kathleen Lowenstein, Philosophy Ph.D., MSU, 2019-present Ken Marable, Philosophy Ph.D., MSU, 2016-present Ayanna Spencer, Philosophy Ph.D., MSU, 2015-present Jeremy Neefus, Philosophy Ph.D., MSU, 2017-Present Jared Talley, Philosophy Ph.D., MSU, 2016-2020 Kevin Bugin, Translational Health Sciences Ph.D., George Washington University, 2018-2020 Julie Mennes, Philosophy Ph.D., University of Ghent, 2019 Ezgi Sertler, Philosophy Ph.D., MSU, 2014-2018 Shelbi Meissner, Philosophy Ph.D., MSU, 2016-2017 Zach Piso, Philosophy Ph.D., MSU, 2014-2017 John Dombrowski, Philosophy Ph.D., MSU, 2014-2016 Ian Werkeiser, Philosophy Ph.D., MSU, 2012-2015 Lauren Woomer, Philosophy Ph.D., MSU, 2012-2015 Krause, Kevin, Computer Science Ph.D., 2011-2015 Klos, Zion, Forest Resources Ph.D., 2011-2014 Blankenship, Bryce, Philosophy M.A., 2010-2013 Tyllas, Nicole, Anthropology M.A., 2008-2013 Bailar, John, Psychology M.S., 2009-2012 Burns, Ariana, Anthropology M.A., 2005-2012 Kassimis, George, Philosophy M.A., 2011-2012	Myatt, Nathan, Graphic Design M.F.A., 2010-2011 McLachlan, Liela, TESL M.A., 2009-2011 Crist, Brian, Philosophy M.A., 2008-2010 Hallin, Nicodemus, Mechanical Engineering M.S., 2008-2010 Egbo, Henry, Mechanical Engineering M.S., 2008-2010 Charles Miller, Political Science M.A., 2003-2009 Holter, Bubba, Philosophy M.A., 2008-2009 Imus, Todd, Creative Writing M.F.A., 2008 Fuchsteiner, Chris, Philosophy M.A., 2007-2008 Filipowski, Michael, Creative Writing M.F.A., 2006-2007 Gotshall, Stan, Computer Science Ph.D., 2004-2007 Sturko, Pat, Education Ph.D., 2004-2007 Lewis, Ryan, Philosophy M.A., 2005-2007 Moss, Justin, Philosophy M.A., 2004-2006 Jones, Doug, Creative Writing M.F.A., 2005-2006 Codr, Brad, Anthropology M.A., 2006 Segawa, Hitomi, Anthropology M.A., 1998-2006 Rajala, Andy, Mechanical Engineering M.S., 2005 Sneed, Thomas, Psychology M.S., 2004-05 Feldman, Jay, Philosophy M.A., 2004-05 Ritter, Chris, English M.A., 2004 Mills, Jason, Art M.F.A., 2002-03 Ploeg, Andy, English M.A., 2002-03 Nielsen, Kaylene, History M.A., 2000-03 Koch, Brenda, English M.A., 1999

Ross, Amy, Creative Writing M.F.A., 2011-2012	Clark, Brian, English M.A., 2001-02
Huso, Jesse, Physics, Ph.D., 2010-2012	Woodley, Thomas, English M.A., 2000-01
Zhong, Huijin, Environmental Science M.S., 2010-2011	Hill, Shelley, Psychology M.A., 1999-2002
Morton, Brandon, Computer Science, M.S., 2010-2011	Coggins, Porter, Interdisciplinary M.A., 1999-2001
	Karoses, Clark, English M.F.A., 1999-2001
	Wingert, Kelly, English M.A., 1997-98

Graduate Students (course adviser as Graduate Director at the University of Idaho):

	TOTAL	TO COMPLETION
2011-12:	9	3
2010-11:	10	3
2009-10:	10	3
2008-09:	13	5
2007-08:	13	4
2005-06:	10	1
2004-05:	5	2

Materials Developed:

Course and Program-Related Websites:

<http://c4i.msu.edu/> , Website for the MSU Center for Interdisciplinarity
<http://tdi.msu.edu/> , Update of <http://toolbox-project.org/>
<http://eese.msu.edu/> , Website for the NSF EESE sponsored curriculum developed for interdisciplinary environmental science graduate programs
<http://michael-orourke.com/> . Professional website created by CAL
<http://toolbox-project.org/> . Update of <http://www.cals.uidaho.edu/toolbox/>
<http://www.msu.edu/~orourk51/> . Homepage for all courses taught at MSU; includes lecture notes, handouts, etc.
<http://www.cals.uidaho.edu/toolbox/> . Toolbox Project website; used as the public interface for our work on cross-disciplinary communication; development funded by the NSF
<http://www.webpages.uidaho.edu/tcp/> . Topics in Contemporary Philosophy website; used as development space for the production of volumes in this series, published by MIT Press
http://www.webpages.uidaho.edu/core_critical_thinking/ . Critical Thinking Worksite developed for use by UI Core courses (D. Schlater, webmaster)
<http://www.class.uidaho.edu/morourke/piir> . Homepage for Phil 504/Ento 501: Philosophical Issues in Interdisciplinary Research; includes all course related materials
<http://www.class.uidaho.edu/uic> . (Now <http://www.uidaho.edu/class/mric> .) Homepage for the Malcolm Renfrew Interdisciplinary Colloquium (with M. Panttaja, webmaster)
<http://www.class.uidaho.edu/monsters> and <http://www.uidaho.edu/monsters2> . Homepages for Core 101 & Core 102: The Monsters We Make respectively; jointly maintained by Monsters Faculty; includes all course related materials
<http://www.class.uidaho.edu/morourke> . (Now <http://www.webpages.uidaho.edu/~morourke> .) Homepage for all courses taught at UI; includes lecture notes, handouts, threaded discussion groups, etc.
<http://www.webpages.uidaho.edu/inpc> . Homepage for Inland Northwest Philosophy Conference (with J. Keim Campbell, D. Shier, H. Silverstein, M. Slater, W. Kabasenche, and various webmasters, 1999-2006)
<http://www.class.uidaho.edu/tools> . Homepage for Humanities Fellows Program 2000-2001, including Humanities Fellows Lecture Series and Tools Symposium (with D. Bukvich, R. Fehrenbacher, S. Rider, webmaster, and L. Weber, webmaster)
http://www.webpages.uidaho.edu/crit_think . Homepage for *University of Idaho Critical Thinking Handbook*

Courses Developed:

MSU PHL 830: Seminar in the Philosophy of Communication

MSU PHL 860: Seminar in Interdisciplinary Epistemology
 MSU PHL 800: Proseminar in the Philosophy of Communication
 MSU PHL 130: Virtual edition of Logic and Reasoning
 USAC: Constructing Identities in Latin America
 USAC: Revolutions in Latin America
 UI Core 101 & 102: The Monsters We Make (with Kerry McKeever, Dean Panttaja, and George Wray)
 UI INTR 450: University Interdisciplinary Colloquium (with Dan Bukvich)
 UI Philosophy 102: Reason and Rhetoric (with Kathryn Paxton George, Douglas Lind, and Carl Mickelsen)
 UI Philosophy 404: Critical Thinking for Educators
 UI Philosophy 404/504: Philosophy of Music (with Dan Bukvich)
 UI Philosophy 496: Teaching Methods in Philosophy (with Douglas Lind)
 UI Phil 504: Graduate Seminar in Philosophy of Language
 UI Phil 504: Philosophical Issues in Interdisciplinary Research (with Sanford Eigenbrode)

Teaching Honors and Awards – at University of Idaho:

Potlatch #1 Federal Credit Union Outstanding Faculty Award, 2011
 Alumni Award for Teaching Excellence, University of Idaho, 1998, 1999, 2001, 2002, 2006, 2007 (2), 2008, 2010
 ASUI Outstanding Faculty Award, University of Idaho, 1999, 2007
 Phi Kappa Phi Outstanding Faculty Member Award, 2004
 Outstanding Faculty Award, Student Disability Services, University of Idaho, 2002, 2003
 Humanities Fellow, College of Letters and Sciences, University of Idaho, 2000-01
 University of Idaho Award for Teaching Excellence, 2000

SERVICE:

Major Committee Assignments:

Michigan State University:

College of Arts & Letters, Inclusion Team, 2020-present
 College Advisory Council, College of Arts & Letters, 2019-2020
 University Conflict Review Committee, 2016-present
 Vice Provost for Research and Graduate Studies Seminar Series Committee, 2014-2019
 Committee to Identify Faculty for Early Career Awards, VPRGS, 2014-2015
 Strategic Partnership Grant Program Committee, 2013-2015; vice chair, 2013-2014, chair, 2014-2015
 Interdisciplinary Issues Team, Provost Office, 2013
 Research and Travel Awards Committee, College of Arts & Letters, 2012-2014

University of Idaho:

Kurt Olsson Early Career Research Fellowship Committee, 2011
 Chair, Philosophy of Science Search Committee, 2010-2011
 Ethics Search Committee, 2010
 USAC FIDA Review Committee, 2009
 Chair, Request for Innovations Advisory Committee, 2009
 Chair, Third-year Review Committee, Philosophy, 2009
 Departmental Tenure Review Committee, Music, 2008
 Presidential Management Fellow Program Review Committee, 2008
 Associate Director Search Committee, University Honors Program, 2008
 Common Reading Program Committee, 2008
 CLASS Safety Committee, 2007
 University Committee on General Education, 2006-2011
 Neuroscience Curriculum Committee, 2006-2008

CLASS Dean Search Committee, 2006-2007
 CLASS Curriculum Committee, *ex officio*, 2006-2007
 Ad Hoc Assessment Committee, 2006-2007
 Goal 1 Strategic Plan Implementation Team, 2006-2007
 Departmental Tenure Review Committee, Philosophy, 2006
 Ethical Guidance and Oversight Committee, 2005-2011
 Departmental Tenure Review Committee, Music, 2005
 Student Computing Advisory Committee, 2004-2006
 Departmental Promotion Review Committee, Music, 2003
 NASC Standard V Committee, 2002-03
 General Education Core Cluster Committee, 2002-03
 Departmental Tenure Review Committee, Music, 2002
 Departmental Tenure Review Committee, Theatre Arts 2002
 Search Committee, Director of International Jazz Collections, Lionel Hampton Center, 2001
 General Education Assessment Committee, 2000-03
 Departmental By-Laws Committee, 2000
 General Education Task Force, 1999-2003
 Departmental Promotion and Tenure Guidelines Committee, 1999
 Departmental Tenure Review Committee, Political Science, 1998
 Promotion and Tenure Committee, College of Letters and Science, 1996-99, 2006
 Departmental Tenure Review Committee, 1996

Kansas State University:

Catalogue and Policy Committee, Department of Philosophy, 1994-95
 Outcome Assessment Committee, Department of Philosophy, 1994-95

Professional and Scholarly Service:

Editorial Advisory Board, *Issues in Interdisciplinary Studies*, 2019-present
 Editor, *Sustainability Science*, 2016-present
 Member, American Philosophical Association, 1996-1998, 1999-2000, 2010-present
 Editor, *Heliyon*, 2016-2021
 Editor, "Expertise in Integration and Implementation for Transformative Research" call for papers, *HSS Communications* (<https://www.nature.com/palcomms/calls-for-papers#Expertise>), 2019-present
 Associate, Association of American Colleges and Universities, 2002-03

National and International:

Team Science Lead, NSF Convergence Accelerator Program, National Science Foundation, 2020-present
 Advisory Board, Interdisciplinary and Transdisciplinary (ITD) Alliance, 2019-present
 Expert Panel member, SHAPE-ID: Shaping Interdisciplinary Practices in Europe, European Union Horizon 2020 Research and Innovation Programme, 2019-2021
 Member, 2021 International Network for the Science of Team Science Conference Program Committee
 Review Panelist, Connecting Minds Program, FWF Austrian Science Fund, 2020
 Review Panelist, ERC Consolidator Grant – 2020, European Research Council, 2020
 Review Panelist, Office of Integrative Activities, National Science Foundation, 2020
 Promotion and Tenure Review, Department of Philosophy, University of Central Florida, Orlando, FL, 2020
 Promotion and Tenure Review, Department of Humanities, New Jersey Institute of Technology, Newark, NJ, 2019
 Promotion and Tenure Review, School of Arts and Humanities, University of Texas Dallas, Dallas, TX, 2019

Advisory Board, Global Lake Ecological Observatory Network (GLEON) Research Coordination Network, Cary Institute of Ecosystem Studies, Millbrook, NY, 2018-present

Organizing Committee member, DCL: Synthesis and Design Workshop: Digital Science and Data Analytic Learning Environments at Small Liberal Arts Institutions, Carroll University, Waukesha, WI, 2018-2019

Science of Team Science Conference Chair, 2018-2019

Promotion and Tenure Review, Department of Philosophy, Washington State University, Pullman, WA, 2018

External Assessor, Helsinki Institute of Sustainability Science, University of Helsinki, Helsinki, Finland, 2018

Planning Committee, Public Philosophy Network Conference, University of North Texas/University of Colorado, Boulder, CO, 2017-2018

Science of Team Science Conference Co-Chair, 2017-2018

Executive Committee member, International Network of the Science of Team Science, 2017-2018

Promotion Review, Department of Philosophy, East Tennessee State University, Johnson City, Tennessee, August 2017

External Advisory Committee member, "Ecosystem Impacts of Oil and Gas Inputs to the Gulf" (ECOGIG), Gulf of Mexico Research Initiative (GoMRI) consortium, University of Georgia, Athens, GA, 2015-present

Promotion and Tenure Review, Department of Environmental Studies, State University of New York – Environmental Science and Forestry, December 2016

External Advisory Board member, "Adaptation to change in water resources: science to inform decision-making across disciplines, cultures and scales" Integrative Graduate Education and Traineeship Program Project, University of Idaho, Moscow, Idaho, 2014-2016

Scientific Advisory Committee, 2016 International Symposium on Society and Resource Management (ISSRM) Conference

Planning Committee member, Science of Team Science annual conference, 2015-present

Leverhulme Trust Grant Program referee, Leverhulme Trust (UK), 2015

Promotion and Tenure Review, School of Public Policy, Georgia Institute of Technology, 2014

Advisory Board member, *Oxford Handbook of Interdisciplinarity*, 2nd ed., 2014-2017

Program Committee member, Science of Team Science annual conference, 2014, 2016-2018

Reviewer, Science of Team Science annual conference, 2014, 2015, 2016, 2017

Steering Committee member, Coastal Fog as a System Workshop Project, Moore Foundation and Cary Institute of Ecosystem Studies, Millbrook, New York, 2013-2014

Cluster Hire Program referee, Texas Tech University, 2013

Ad Hoc referee, STS Program, US National Science Foundation, 2013, 2016, 2017 (x 3)

Ad Hoc referee, Division of Environmental Biology, US National Science Foundation, 2016

International Advisory Board member, First Global Conference on Research Integration and Implementation, Australian National University, Canberra, Australia, 2013

Review Panelist, Division of Graduate Education, National Science Foundation, 2013

Reviewer, 2012 IGERT Trainee Poster and Video Competition, National Science Foundation, www.igert.org, May 2012

External Reviewer, North Idaho College Department of Philosophy, April 2012

Reviewer, Arts and Humanities Fellowship Program, Boise State University, 2012

Promotion Review, Department of Philosophy, UNLV, 2011

Program Committee, ILCLI International Workshop on Semantics, Pragmatics, and Rhetoric, Donostia, Spain, November 2011

Review Panelist, Division of Graduate Education, National Science Foundation, 2011

Promotion and Tenure Review, Department of Philosophy, Boise State University, 2010

Idaho Humanities Council Major Grant Reviewer, Zeiger Grant, 2010

Promotion and Tenure Review, Department of Philosophy, UNLV, 2008

Program Committee, Conference in Honor of John Perry, University of California, Riverside, 2007-2008

Promotion Review, Department of Philosophy, Whittier College, October 2007

External Reviewer, North Idaho College Department of Philosophy, April 2006

External Reviewer, Idaho State University Department of Philosophy, May 2004

External Reviewer, Washington State University Department of Philosophy, April 2004
 Reviewer, Broadview Press, 1996-present; Wadsworth Publishing Company, 1998-present;
 Harcourt-Brace Publishers, 1999-present; Cambridge University Press, 2002-present;
 Longman Publishers, 2003; Oxford University Press, 2004-present; The MIT Press, 2005-
 present; University of California Press, 2007; Lexington Books, 2010; Bloomsbury
 Publishing, 2014; Routledge Press, 2017; Springer, 2020
 Review Panelist, Faculty Research Awards for Historically Black, Hispanic-Serving, and Tribal
 Colleges and Universities, National Endowment for the Humanities, 2002
 General Co-Editor, *Topics in Contemporary Philosophy* series, The MIT Press, 2001-present
 General Co-Editor, *Topics in Contemporary Philosophy* series, Seven Bridges Press, 2000
 Referee, *Australasian Journal of Philosophy*; *Behavior and Philosophy*; *Canadian Journal of
 Higher Education*; *Climatic Change*; *Environmental Science and Policy*; *Erkenntnis*;
Ethics, Policy & Environment; *Fisheries Research*; *Foundations of Science*; *Frontiers of
 Psychology*; *Futures*; *Health Research Policy and Systems*; *Heliyon*; *International Journal
 of Health Policy and Management*; *International Studies in the Philosophy of Science*;
Issues in Integrative Studies; *Issues in Interdisciplinary Studies*; *Journal of Engineering
 Education*; *Journal of Philosophical Research*; *Journal of Science and Engineering Ethics*;
Language and Linguistics Compass; *Nous*; *Open Philosophy*; *Palgrave Communications*;
Philosophical Papers; *Philosophical Quarterly*; *Philosophical Studies*; *Philosophy of
 Science*; *Research Integrity and Peer Review*; *Science, Technology and Human Values*;
Social Epistemology; *Studies in the History and Philosophy of Science – Series A*;
Synthese; *Techne*; *Theoria*; *Topoi*; *Translational Behavioral Medicine*
 Review Panelist, Summer Stipend Program, National Endowment for the Humanities, 1999-2001,
 2004, 2006, 2008, 2009

Institutional:

Director, Transdisciplinary Graduate Fellowship Program, MSU Center for Interdisciplinarity,
 Michigan State University, 2018-present
 Director, University Interdisciplinary Colloquium, MSU Center for Interdisciplinarity, Michigan
 State University, 2018-present
 Organizer, Center for Interdisciplinarity Master Classes, Center for Interdisciplinarity, Michigan
 State University, 2019-present
 Organizer, Coffee@C4I, MSU Center for Interdisciplinarity, Michigan State University, 2019-
 2020
 Member, Food Justice and Racial Equity Postdoctoral Research Associate Search Committee
 (CRFS and C4I), Michigan State University, 2018-2019
 Member, External member of 2PC Committee for Dr. Robyn Bluhm, Lyman Briggs College,
 Michigan State University, 2018-2019
 Chair, MSU Center for Interdisciplinarity Managing Director Search Committee, Michigan
 State University, 2017
 Member, External member of 2PC Committee for Dr. Robyn Bluhm, Lyman Briggs College,
 Michigan State University, 2017-2018
 Member, External member of 2PC Committee for Dr. Sean Valles, Lyman Briggs College,
 Michigan State University, 2016-2017
 College of Arts & Letters Faculty Leadership Program participant, Michigan State University,
 2016-2017
 Environmental Science and Policy Program Faculty Advisory Committee, Michigan State
 University, 2013-2016
 Environmental Science and Policy Program Dual Degree Committee, Michigan State
 University, 2014-2015
 Science Studies Program Ad Hoc Committee, Research Office, Michigan State University, 2013
 Water Initiative Research Grant Program referee, MSU Center for Water Sciences and
 Environmental Science and Policy Program, Michigan State University, 2013
 Co-Organizer, Malcolm M. Renfrew Interdisciplinary Colloquium, University of Idaho, 2010-
 2012
 Steering Committee, Water of the West & Water Resources Program, University of Idaho,
 2007-2011

Co-Organizer, University Interdisciplinary Colloquium, University of Idaho, 2001-2010
 Commencement Reader, University of Idaho, Spring 2007, Spring 2008, Fall 2008, Fall 2009,
 Spring 2010, Spring 2011, Spring 2012
 Commencement Reader, CLASS, Spring 2005, Spring 2006
 Adviser, Mortar Board, University of Idaho, 2002-03
 President, Phi Beta Kappa, Idaho Alpha Chapter, 2001-02
 Vice President, Phi Beta Kappa, Idaho Alpha Chapter, 2000-01
 Co-Organizer, "The Concepts and Practices of Interdisciplinarity," Lester and Agnes Schuldt
 Faculty Seminar, University of Idaho, May 2001
 Co-Organizer, "Humanities Fellows Lecture Series," University of Idaho, Fall 2000 and Spring
 2001
 Co-Organizer, "Technology and the Making of Humanity," Lester and Agnes Schuldt Faculty
 Seminar, University of Idaho Field Campus, McCall, Idaho, May 2000

Departmental:

Coordinator, Engaged Philosophy Internship Program, Department of Philosophy, Michigan
 State University, 2016-present
 Faculty mentor, Department of Philosophy, Michigan State University, 2016-present
 Advisory Policy Committee, Department of Philosophy, Michigan State University, 2019-2021
 Academic Environment Committee, Department of Philosophy, Michigan State University,
 2019-2020
 Promotion, Tenure, and Review Committee, Department of Philosophy, Michigan State
 University, 2017-2019, Chair – 2017-2018, 2018-2019
 Advisor, Summer Scholar Fellowship, Suzanne Neefus, Michigan State University, 2017
 Advisor, CAL Summer Support Fellowship, Bethany Laursen, Michigan State University, 2017
 Faculty teaching mentor, Ezgi Sertler, Michigan State University, 2017
 Faculty teaching mentor, Zachary Piso, Michigan State University, 2016
 Co-Chair, Placement Committee, Department of Philosophy, Michigan State University, 2016-
 2017
 Chair, Founding Director of the MSU Center for Interdisciplinarity Search Committee, CAL &
 Department of Philosophy, Michigan State University, 2016-2017
 Advisory Policy Committee, Department of Philosophy, Michigan State University, 2015-2017,
 Chair – 2015-2016, 2016-2017
 Member, Philosophy of Science Search Committee, Department of Philosophy, Michigan State
 University, 2015-16
 Advisor, Slaughter Fellowship, Zachary Piso, Michigan State University, 2015
 Graduate Admissions Ad Hoc Committee, Department of Philosophy, Michigan State
 University, 2015
 Chair, Philosophy of Neuroscience Search Committee, Department of Philosophy & Lyman
 Briggs College, Michigan State University, 2014-2015
 Promotion, Tenure, and Review Committee, Department of Philosophy, Michigan State
 University, 2013-2015
 Zerby Prize referee, Department of Philosophy, Michigan State University, 2013
 Graduate Director, Department of Philosophy, University of Idaho, 2004-2006, 2008-2012
 Organizer, Graduate Student Philosophy Colloquium, Spring 2007, Spring 2008, Fall 2008,
 Spring 2009
 Co-Organizer, Graduate Teaching Assistant Workshop, January 2007
 Mentor for David Christiansen, Extended Learning Internship on Epistemology, Moscow High
 School, Moscow, ID, Fall 2000
 Co-Organizer, Seaman Lecture, 1998, 2000
 Coordinator, UI/WSU Philosophy Colloquium, Department of Philosophy, University of Idaho,
 1996-2005, 2006-2007
 Adviser, Philosophy Club, Department of Philosophy University of Idaho, 1996-2005
 Adviser, Philosophy Club, Department of Philosophy, Kansas State University, 1995-96

Outreach Service:

- Co-Director (with W. Kabasenche), "Civil Language in Public Discourse," Public Forum on Reference and Referring, Moscow, ID, April 2010
- Co-Director (with J. Keim Campbell and M. Slater), "Change in the Environment," Public Forum on the Environment, Pullman, WA, May 2009
- Co-Director (with J. Keim Campbell and H. Silverstein), "What Should We Do for Nature? Environmental Problems, Responsibility, and Action," Public Forum on Action, Ethics, and Responsibility, Moscow, ID, March 2006
- Co-Director (with J. Keim Campbell and H. Silverstein), "Time and Identity in Film," Public Forum on Time and Identity, Moscow, ID, May 2005
- Co-Director (with J. Keim Campbell and H. Silverstein), "Skepticism and the Real World," Public Forum on Knowledge and Skepticism, Moscow, ID, May 2004
- Co-Director (with J. Keim Campbell and H. Silverstein), "Explain this! Explanation Across the Disciplines," Public Forum on Explanation and Causation, Moscow, ID, April 2003
- Co-Director (with J. Keim Campbell and D. Shier), "Terrorism and Public Policy," Public Forum on Law and Social Justice, Moscow, ID, April 2002
- Co-Director (with J. Keim Campbell and D. Shier), "Mad or Bad? Biological Determinism and Criminal Responsibility," Public Forum on Free Will and Determinism, Moscow, ID, April 2001
- Co-Director (with J. Keim Campbell and D. Shier), "Is Truth an Illusion?" Public Forum on Meaning and Truth, Moscow, ID, March 2000
- Co-Director (with J. Keim Campbell), "How Do You Draw the Line Between Rationality and Irrationality?" Public Forum on Reason and Rationality, Moscow, ID, April 1999
- Co-Director (with J. Keim Campbell), "What is Real?" Public Forum on Realism and Anti-Realism, Moscow, ID, April 1998

Community Service:

- Manager, U18 Boys, Moscow United Soccer Club, 2007
- Member, Moscow United Soccer Board, 2005-2007
- Equipment Manager, Moscow United Soccer Club, 2005-2007
- Volunteer, Russell School Library, 1997-99
- Soccer Coach, Moscow Parks and Recreation, 1996-98

PROFESSIONAL DEVELOPMENT:**Teaching:**

- Participant, "Teaching with Technology Workshop," College of Letters & Science, University of Idaho, May 1997
- Student, "Asynchronous Program for Instructional Readiness (ASPIRE)," College of Arts & Letters, Michigan State University, August 2020

Scholarship:

- Participant, "Workshop on the Life Cycle of Interdisciplinary Programs," University of Idaho, March 2007
- Participant, "2006 Applying Sound Research Decisions: PI, Deans, and Directors," University of Idaho, July 2006
- Project Participant, Rational Agency Group, at Center for the Study of Language and Information, Stanford University, 1989-94

Service:

- Participant, "101 Great Ideas for Recruiting Graduate Students," University of Idaho, May 2008