

JESSICA M. SMITH

Division of Liberal Arts and International Studies
Colorado School of Mines
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EDUCATION

- 2009 University of Michigan
Ph.D. in Anthropology, Graduate Certificate in Women's Studies
Dissertation: Putting Kinship to Work: Gender and Relatedness in a Wyoming Coal Mining Community (Stuart Kirsch, chair)
- 2006 University of Michigan
M.A. in Anthropology
Qualifying exams passed with distinction
- 2003 Macalester College
B.A. summa cum laude and departmental honors in Anthropology, International Studies and Latin American Studies
- 2002 Universidad de la Habana
"Culture, Community and Development," School for International Training

ACADEMIC POSITIONS

- 2012- Colorado School of Mines
Assistant Professor
- 2014 Center for Science and Technology Policy Research, University of Colorado
Faculty Affiliate
- 2010- Center of the American West, University of Colorado
Research Affiliate
- 2011 - 2012 Pikes Peak Community College
Anthropology Faculty
- 2009 - 2010 University of Colorado Department of Anthropology
National Endowment for the Humanities Fellow

RESEARCH INTERESTS

Energy and extractive industries, corporate social responsibility, gender, labor, kinship and families, social justice, engineering education

PUBLICATIONS

* denotes graduate student, ** denotes postdoc, *** denotes undergraduate student

Peer reviewed book

1. **Rolston, Jessica Smith.** 2014. Mining Coal and Undermining Gender: Rhythms of Work and Family in the American West. New Brunswick: Rutgers University Press. (Finalist for the Society for Economic Anthropology book prize and the Society for the Anthropology of Work's book prize.)

Edited, peer-reviewed journal special issue

1. **Smith, Jessica M.** and Mette High, eds. 2017. Exploring the Anthropology of Energy: Ethnography, Energy and Ethics. Special issue of Energy Research and Social Science. Forthcoming.

Peer-reviewed journal articles

1. **Smith, Jessica M.** and Abraham Tidwell. Everyday Lives of Energy Transitions: Contested Sociotechnical Imaginaries in the American West. *Social Studies of Science* 46(3): 327-350. <http://dx.doi.org/10.1177/0306312716644534>
2. **Smith, Jessica M.** and Juan Lucena. 2016. "Invisible Innovators: How Low Income, First Generation (LIFG) Students Use Their Funds of Knowledge to Belong in Engineering." *Engineering Studies* 8 (1): 1-26. <http://dx.doi.org/10.1080/19378629.2016.1155593>
3. Shaffer, Austin***, Skylar Zilliox* and **Jessica M. Smith.** 2016. Memorandums of Understanding and the Social License to Operate in Colorado's Unconventional Energy Industry. *Journal of Energy & Natural Resources Law*. <http://dx.doi.org/10.1080/02646811.2016.1216696>
4. Zilliox, Skylar*, **Jessica M. Smith,** Corinne Packard, and Carl Mitcham. 2016. Teaching the ethics of science and engineering through humanities and social science: A case study of evolving student perceptions of nanotechnology. *Teaching Ethics*. In press.
5. **Smith, Jessica M.** and Juan Lucena. 2016. "How do I show them that I'm more than a person who can lift heavy things?" Converting the Funds of Knowledge of Low Income, First Generation Engineering Students into Economic, Social and Cultural Capital." *Journal of Women and Minorities in Science and Engineering*. In press.
6. Tidwell, Abraham* and **Jessica M. Smith.** 2015. Morals, Materials, and Technoscience: Reimagining Energy Security as a Sociotechnical Imaginary in the United States. *Science, Technology & Human Values* 40(5): 687-711. <http://dx.doi.org/10.1177/0162243915577632>
7. **Rolston, Jessica Smith.** 2015. Turning Mine Protesters into Collaborators: The Opportunities and Challenges of Corporate Social Responsibility in the Mining Industry. *Society and Natural Resources* 28(2): 165-179. <http://dx.doi.org/10.1080/08941920.2014.945063>
8. **Rolston, Jessica Smith,** Skylar Zilliox*, Corinne Packard, Carl Mitcham and Brian Zaharatos. 2014. Nanoethics and Policy Education: A Case Study of Social Science Coursework and Student Engagement with Emerging Technologies. *NanoEthics* 8:217-225. <http://dx.doi.org/10.1007/s11569-014-0210-1>
9. **Rolston, Jessica Smith.** 2013. The Politics of Pits and the Materiality of Mine Labor: Making Natural Resources in the American West. *American Anthropologist* 115 (4): 582-594. <http://dx.doi.org/10.1111/aman.12050>

10. Mitcham, Carl, Laura Heller, Wang Nan, Corinne Packard, Cortney Holles, Derrick Hudson and **Jessica Rolston**. 2013. Nanotechnology, Ethics and Policy Education: Learning and Sharing Across Boundaries. *Journal of Nano Education* 5(2): 180-187. <http://dx.doi.org/10.1166/jne.2013.1038>
11. **Rolston, Jessica Smith**. 2010. Risky Business: Neoliberalism and Workplace Safety in Wyoming Coal Mines. *Human Organization* 69 (4): 331-342. <http://dx.doi.org/10.17730/humo.69.4.j5158321nn864uu>
12. **Rolston, Jessica Smith**. 2010. Talk about Technology: Negotiating Gender Difference in Wyoming Coal Mines. *Signs: Journal of Women in Culture and Society* 35 (4): 893-918. <http://dx.doi.org/10.1086/651039>
13. **Smith, Jessica M.** and Federico Helfgott. 2010. Corporate Social Responsibility and the Perils of Universalization. *Anthropology Today* 26(3): 20-23. <http://dx.doi.org/10.1111/j.1467-8322.2010.00737.x>
14. **Smith, Jessica M.** 2008. Crafting Kinship at Home and Work: Women Miners in Wyoming. *Women and Work* issue, edited by Kathlene McDonald, *WorkingUSA: The Journal of Labor and Society* 11(4): 439-458. <http://dx.doi.org/10.1111/j.1743-4580.2008.00218.x>

Peer-reviewed journal articles under review

1. Smith, Nicole M.**, **Jessica M. Smith**, Zira Q. John, Benjamin Teschner. Promises and Perceptions in the Guianas: The Making of an Artisanal and Small-Scale Mining Reserve. Under review at *Resources Policy*.
2. **Smith, Jessica M.**, Carrie McClelland and Nicole Smith. Engineering Students' Views of Corporate Social Responsibility: A Case Study from Petroleum Engineering. Under review at *Science and Engineering Ethics*.
3. Zilliox, Skylar and Jessica Smith. Memorandums of Understanding and Public Trust in Local Government for Colorado's Unconventional Energy Industry. Under review at *Energy Policy*.
4. Zilliox, Skylar and Jessica Smith. Scientism in the Suburbs: Citizen Contestations of Unconventional Energy Development in Colorado's Front Range. Under review at *Science As Culture*.
5. Zilliox, Skylar and Jessica Smith. Regulating Relationships: Effective Supraregulatory Agreements for Hydraulic Fracturing and Community Acceptance in Colorado. Under review at *Extractive Industries & Society*.

Peer-reviewed book chapters

1. **Smith, Jessica M.** 2017. From Corporate Social Responsibility to Creating Shared Value: Contesting Responsibilization and the Mining Industry. *Competing Responsibilities: The Ethics and Politics of Contemporary Life*. Durham: Duke University Press. In press.
2. **Smith, Jessica M.** 2016. Mining and Corporate Social Responsibility. *Routledge Companion to Environmental Ethics*. New York: Routledge. In press.
3. **Rolston, Jessica Smith**. 2015. Women in the Mine. *Conformity and Conflict: Readings in Cultural Anthropology*. David McCurdy and Dianna Shandy, eds. 15th ed. New York: Pearson.
4. **Rolston, Jessica Smith** and Elizabeth Cox. 2015. Engineering by Doing: Diversity, Innovation and Hands-On Learning. In *International Perspectives on Engineering Education: Engineering Education and Practice in Context*. Volume 1, S.H. Christensen et al. Pp. 261-278. New York: Springer.

5. **Rolston, Jessica Smith.** 2013. Specters of Syndromes and Everyday Lives of Energy Workers in Wyoming. In *Cultures of Energy: Anthropological Perspectives on Power*. Sarah Strauss, Stephanie Rupp, and Thomas Love, eds. Pp. 584-592. San Francisco: Left Coast Press.
6. **Smith, Jessica M.** 2010. Workplace Egalitarianism in Nonunion Mines: Lessons from Wyoming's Powder River Basin. In *Anthropology of Labor Unions*. Paul Durrenberger and Karaleah Reichart, eds. Pp. 103-130. Boulder: University Press of Colorado.

Peer-reviewed conference proceedings

1. **Smith, Jessica**, Carrie McClelland and Nicole Smith**. 2016. Petroleum Engineering Students' Views of Corporate Social Responsibility. Proceedings of the American Society for Engineering Education conference, New Orleans LA.
2. McClelland, CJ, **Jessica M. Smith**, Nicole M. Smith**. 2016. Bringing Corporate Social Responsibility into the Petroleum Engineering Classroom. Proceedings of the Frontiers in Education conference, Erie PA.
3. **Smith, Jessica** and Juan Lucena. 2015. Making the Funds of Knowledge of Low Income, First Generation (LIFG) Students Visible and Relevant to Engineering Education. American Society for Engineering Education conference, Seattle.

Published abstracts

1. **Rolston, Jessica Smith** and Colleen Kavanaugh***. 2014. Public Perceptions of Unconventional Gas Development in Colorado. Geological Society of America, Vancouver.

Book reviews and other

1. **Smith, Jessica** and Stuart Kirsch. N.d. Mining. *International Encyclopedia of Anthropology*, Hilary Callan, ed. New York: Wiley-Blackwell. Forthcoming.
2. **Smith, Jessica.** N.d. Review of Jacka, Jerry. *Alchemy in the Rain Forest: Politics, Ecology, and Resilience in a New Guinea Mining Area*. (Duke University Press, 2015). *Journal of Anthropological Research*. In press.
3. **Smith, Jessica.** 2016. Climate Change Justice and Corporate Responsibility. *Journal of Energy & Natural Resources Law* 34(1): 70-74.
<http://dx.doi.org/10.1080/02646811.2016.1120074>
4. **Rolston, Jessica Smith.** 2014. In the "War on Coal," the industry can be its own worst enemy. LSE (London School of Economics) American Politics and Policy (25 Mar 2014) Blog Entry. <http://eprints.lse.ac.uk/58782/>
5. Mitcham, Carl and **Jessica Smith Rolston.** 2013. Energy Constraints. *Science and Engineering Ethics* 19(2): 313-319. <http://dx.doi.org/10.1007/s11948-013-9446-3>
6. **Rolston, Jessica Smith.** 2012. Review of Rajak, Dinah. In *Good Company: An Anatomy of Corporate Social Responsibility* (Stanford University Press, 2011). *American Ethnologist* 39 (4): 855-856.
7. **Rolston, Jessica Smith.** 2011. Review of Moreton, Bethany. *To Serve God and Wal-Mart: The Making of Christian Free Enterprise* (Harvard University Press, 2009). *Contemporary Studies in Society and History* 53 (1): 225-226
8. **Smith, Jessica M.** 2008. Review of Ferry, Elizabeth Emma. *Not Ours Alone: Patrimony, Value and Collectivity in Contemporary Mexico*. (Columbia University Press, 2005). *Anthropology of Work Review* 29 (2): 43-44.

FELLOWSHIPS AND GRANTS

- 2016 National Science Foundation grant 1632651 to host the workshop “STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction” at CSM (PI, \$26,000)
- 2015 NSF Research Grant 1540298: “The Ethics of Extraction: Integrating Corporate Social Responsibility into Engineering Education” (PI, \$450,000)
- 2013 NSF Research Grant 1354087: “Invisible Innovators: How the knowledge and experiences of low-income and first-generation students (LIFGs) can contribute to US engineering problem definition and solving” (PI, \$200,844)
- 2013 Colorado School of Mines Research Council Undergraduate Research Fellowships (two), to mentor an undergraduate in the project “Nanoethics and Policy Education Effectiveness”
- 2010 National Endowment for the Humanities Fellowship
- 2007 University of Michigan Rackham Predoctoral Fellowship
- 2007 University of Michigan Institute for Research on Women and Gender Community of Scholars Award (declined)
- 2007 Bernard Majewski Fellow, American Heritage Center, University of Wyoming
- 2006 National Science Foundation Dissertation Improvement Grant 0612829
- 2006 PEO Foundation (Philanthropic Education Organization) Scholar Award
- 2005 Alfred P. Sloan Center for the Ethnography of Everyday Life Pre-Doctoral Fellowship (3 years)
- 2005 Rackham Graduate School Research and Travel Grants (five total)
- 2004 National Science Foundation Graduate Research Fellowship honorable mention
- 2003 Beinecke Scholar, The Sperry Fund (two years)
- 2003 University of Michigan Literature, Science and Arts Regents Fellow

HONORS AND AWARDS

- 2016 Exemplar in Engineering Ethics, National Academy of Engineering
- 2015 Martin Luther King Jr. Recognition Award, Colorado School of Mines
- 2015 Finalist, Society for the Anthropology of Work book prize, *Mining Coal and Undermining Gender*
- 2014 Finalist, Society for Economic Anthropology book prize, *Mining Coal and Undermining Gender*
- 2011 Selection to the Early Career Scholars Program of the Work and Family Researchers Network (formerly the Sloan Network)
- 2009 University of Michigan Distinguished Dissertation Award Nominee in Anthropology
- 2008 Association for Feminist Anthropology Sylvia Forman essay prize
- 2008 Phi Kappa Phi honors society
- 2005 St. Clair Drake Award, Society for the Anthropology of North America

- 2005 Best Graduate Student Paper, Central States Anthropological Society
- 2003 Phi Beta Kappa
- 2003 Spradley Research Award for Outstanding Scholarship in Anthropology (Macalester College)

INVITED LECTURES

- 2016 Ingeniería, Extractivas y el Post-conflicto: CTS al Servicio de la Justicia Social/Engineering, Extractives and the Post-Conflict: STS at the service of social justice. Closing remarks for the “Ingenuity, Science, Technology and Society: Dialogues and challenges in Colombia,” Engineering Faculty of the Universidad Nacional de Colombia. With Juan Lucena.
- 2016 Policy Approaches to Achieving the Social License to Operate: Comparing Mining and Unconventional Energy Community Conflicts in the American West. Van Tuyl lecture, Department of Geology and Geological Engineering, CSM.
- 2015 Undoing Gender in Macho Industries: Ethnographic Perspectives on Women, Men and Mining in Wyoming. Visiting Women Minority Lecturer/Scholar Series, Michigan Tech, Houghton, MI.
- 2015 Converting the Funds of Knowledge of Low Income, First Generation Engineering Students into Economic, Social and Cultural Capital. Environmental Engineering Program, University of Colorado at Boulder. With Juan Lucena.
- 2015 Strategies for Supporting Women in the Mining Workforce. Women in Mining group, Denver.
- 2015 “How do I show them that I'm more than a person who can lift heavy things?” Connecting the Funds of Knowledge of Low Income, First Generation Students and Engineering Education. Department of Anthropology, Wayne State University, Detroit, MI. With Juan Lucena.
- 2015 Ethics in NanoScience. Renewable Energy Research Experience for Undergraduates summer program, CSM. With Corinne Packard.
- 2014 Destabilizing the Macho World of Mining. Hennebach Program in the Humanities Lecture, CSM.
- 2014 Integrating Women into Historically Masculine Industries: A Perspective from Extractive Industries. Renewable Energy Research Experience for Undergraduates summer program, CSM.
- 2013 Women Miners of the Powder River Basin. Campbell County Rockpile Museum, Gillette, WY.
- 2013 Gender and Workplace Diversity. Government Accountability Office, Denver, CO.
- 2013 Intimacy and Ignorance in Energy Networks. University of Wyoming College of Education training for K-12 science teachers.
- 2012 Mining and Corporate Social Responsibility. Hennebach Lecture, CSM.
- 2010 Closing remarks, Shepard Symposium on Environmental Social Justice, University of Wyoming.

- 2009 Advancements of Women in Western Coal Mining. Conference speech, Rocky Mountain Coal Mining Institute annual meeting, Aspen, Colo.
- 2009 The Cowboy Spirit of the Clean Coal Campaign. Graduate Student Speaker Series, Department of Anthropology, University of Colorado at Boulder.
- 2007 Kinship, Labor, and the Law: Women's Engagement with Wyoming's Coal Mining Industry. Majewski Lecture, American Heritage Center, University of Wyoming.

CONFERENCE PRESENTATIONS (since 2006)

- 2016 **Smith, Jessica.** Dirty Energy, Dirty Jobs? Ethical Entanglements in the US Coal Market Collapse. Energy Ethics conference, University of St Andrews (Scotland).
- 2016 **Smith, Jessica.** Engineering the Underground to Settle the Surface: Sociotechnical Responsibility and Engineering in the Extractive Industries. Society for Social Studies of Science, Barcelona.
- 2016 **Smith, Jessica** and Juan Lucena. How Humanitarian Engineering & Corporate Social Responsibility Shape Mining Engineering Education. Society of Mining Professions 4th Regional Meeting, Latin America. Facultad de Minas, Universidad Nacional de Colombia Sede Medellin.
- 2015 **Smith, Jessica.** Understanding Competing Responsibilities for the panel Designing Professional Communication and Responsibilities: Beyond Professional Codes of Ethics in Engineering at the International Communication Association (ICA) Nordic Regional Conference Responsible Communication and Governance conference, Copenhagen Business School.
- 2015 **Smith, Jessica M.,** Sklyar Zilliox* and Austin Shaffer*. Technopolitical Trust: Memorandums of Understanding and Public Engagement with Natural Gas Development in Colorado. American Anthropological Association, Denver.
- 2015 **Smith, Jessica and Abe Tidwell.** Working for the I(man)ginaries: Labor, Energy and the "Good Society." *Society for Social Studies of Science*, Denver.
- 2015 **Lucena, Juan and Jessica Smith.** Making Meaning, Doing Social Justice: The Emotional Roller Coaster of Integrating Corporate Social Responsibility in Engineering Education. Society for Social Studies of Science, Denver.
- 2015 **Smith, Jessica and Juan Lucena.** Making the Funds of Knowledge of Low Income, First Generation (LIFG) Students Visible and Relevant to Engineering Education. American Society for Engineering Education conference, Seattle.
- 2014 **Rolston, Jessica Smith.** Temporal Politics of Obligation and Bounds of Corporate Responsibility. Invited paper for the Rethinking Responsibilities Colloquium, Harvard Univ.
- 2014 **Rolston, Jessica Smith** and Colleen Kavanaugh*. Public Perceptions of Unconventional Gas Development in Colorado. Geological Society of America, Vancouver.
- 2014 Lucena, Juan and **Jessica Smith Rolston.** Invisible Innovators: How low-income students' agency, critical questioning, and funds of knowledge might connect engineering/design for development (EDfD) with social justice. Annual meeting of the Engineering for Social Justice and Peace conference, Buenos Aires, Argentina.
- 2014 Lucena, Juan and **Jessica Smith Rolston.** Invisible Innovators: Exploring the links between low income students, social justice, and engineering/design for development.

Engineering/Design for Development & Wellbeing / Agency / Justice. TU Delft, Netherlands.

- 2014 **Rolston, Jessica Smith** and Juan Lucena. Engineering Education and the Politics of Invisible Knowledges. Annual meeting of the American Ethnological Society, Boston.
- 2014 Everyday Lives and Energy Transitions. Biennial meeting of the Society for Cultural Anthropology, Detroit.
- 2014 Energy Security and Sociotechnical Imaginaries in the Productive American West. Annual meeting of the Society for Economic Anthropology, Austin.
- 2014 **Rolston, Jessica Smith**, Skylar Huzyk Zilliox*, Corinne Packard and Carl Mitcham. Nanoethics and Policy Education Effectiveness. Association for Practical and Professional Ethics, Tampa.
- 2013 Moral Economies of Market Collapses: Coal Mining and Precarity in the American West. Annual meeting of the American Anthropological Association (AAA), Chicago.
- 2013 Ghost Mines: Experiences of Energy Market Downturns in Wyoming. Annual meeting of the Society for Applied Anthropology, Denver. Co-organized panel, Energy and the American West.
- 2013 From Mine Protestors to Mine Monitors: Corporate and NGO collaboration in the American West. International Symposium on Society and Resources, Estes Park.
- 2012 Mining Language: Gender Difference and Everyday Talk In Wyoming. AAA, San Francisco.
- 2012 Risk and Resource Materialities: Coal Extraction in Wyoming. Engaging Resources: New Anthropological Perspectives on Natural Resource Environments, Balsillie School of International Affairs, Waterloo, Canada.
- 2010 What Are Good Intentions Good For? Corporate Social Responsibility in the Mining Industry. AAA, New Orleans.
- 2010 Commodity Networks and the Cowboy Spirit of the Clean Coal Campaign. Society for the Anthropology of North America/Association of Black Anthropologists annual meeting, University of Colorado at Denver.
- 2010 Indigenous Communities, Mining Companies and Environmental Justice in Peru. Shepard Symposium on Social Justice, University of Wyoming.
- 2009 Rethinking Kinship and Gender Difference: Men and Women in a U.S. Mining Community. AAA, Philadelphia.
- 2008 "You Want Me to Sign What?" Implications of IRB Imaginations for Fieldwork Collaboration. AAA, San Francisco.
- 2008 Jumbled Talk, Confused Women? Language, Technology and the Gendering of Expertise in Wyoming Coal Mines. Michigangoan Graduate Student Conference in Linguistic Anthropology, University of Chicago.
- 2007 Microwave Outlaws and Other Workplace Pranksters: Joking and the Construction of Crew Camaraderie. American Ethnological Society annual meeting, Toronto, Canada.
- 2006 Making It Home Safely: Using Anthropology to Improve Coal Mine Safety Programs. Invited session at the AAA, San Jose.
- 2006 Ethical Economics: Audit Culture and the Generation of Value in the Mining Industry. Society for Cultural Anthropology annual meeting, Milwaukee.

TEACHING AWARDS

- 2015 Exemplar in Teaching Engineering Ethics, National Academy of Engineering (1 of 25 national programs/courses)
- 2012- Recognition by the following Mines student organizations for outstanding teaching: Society for Women Engineers; Pi Beta Phi; Sigma Phi Epsilon; Phi Gamma Delta
- 2008 Michigan Teaching Fellow, Center for Research on Learning and Teaching
- 2005 Outstanding Teaching Award, Panhellenic Association and Interfraternity Council. Nominated and selected by students representing 60 University of Michigan fraternities and sororities to receive one of two annual awards.
- 2005 Outstanding Graduate Student Instructor, Rackham Graduate School, departmental nomination.
- 2004 Outstanding Graduate Student Instructor, Department of Anthropology. Awarded by faculty based on student evaluations.

TEACHING AND MENTORING

*Courses taught (*CSM)*

Corporate Social Responsibility*
Community Based Research/Engineers Engaging Communities*
Cultural Anthropology*
Energy and Society*
Explorations in the Modern World (Cultural Anthropology honors course)*
Anthropology of Energy
Cross-Cultural Communication
Introduction to Anthropology
Introduction to Sociology

Mentoring

Primary advisor for 1 postdoctoral fellow
Primary advisor for 3 Master's in International Political Economy of Resources students
Primary advisor for 2 Environmental Engineering master's students
Dissertation committee member for 14 PhD candidates (Mechanical Engineering, Petroleum Engineering, Mining Engineering, Mineral and Energy Economics, Geophysics)
Advisor for 2 undergraduate student researchers in CSM REMERSEC summer REU
Research advisor for 3 CSM Research Council Undergraduate Research Fellowships
Research advisor for 3 ConocoPhillips undergraduate scholars
Social context consultant for 2 CSM senior design teams

PROFESSIONAL SERVICE

Organized conferences and workshops

- 2016 Co-organizer of the international “Energy Ethics: Fragile Lives and Imagined Futures” conference at the University of St Andrews (with funding from the British Academy)
- 2016 Co-organizer of the “What’s Missing in the Technical? Rendering the Social Visible by Integrating Social Justice Where It Matters Most—Engineering Problem Definition and Solution” workshop at the American Society for Engineering Education conference, New Orleans. With Jon Leydens and Juan Lucena.
- 2016 Engineering & Social Justice CSM faculty workshop. With Juan Lucena.
- 2015 Co-organizer of the international “Corporate Social Responsibility in Extractive Industries: Putting Communities First Makes Sense for Business, Learning and Social Change” conference at Colorado School of Mines.
- 2015 Co-organizer of the “Corporate Social Responsibility and Sustainable Development: Exploring Opportunities in Engineering Education” workshop, Engineering Education for Sustainable Development conference, Vancouver.
- 2015 Engineering and Social Justice CSM faculty workshop. With Jon Leydens and Juan Lucena.

External service

- 2016 Co-organizer of the panel “STS Underground: Ignorance and Invisibility in the Worlds of Mining and Underground Extraction,” Society for Social Studies of Science, Barcelona.
- 2015 Discussant, Anthropology Underground: The Politics of Contemporary Resource Extraction conference, University of Michigan
- 2015 Discussant, Corporate Expertise panel, American Anthropological Association meeting.
- 2015 Discussant, Author-Meets Critic session for *Refining Expertise* (by Gwen Ottinger), winner of the Society for Social Studies of Science Rachel Carson Prize, 4S, Denver.
- 2015 Co-organizer of the panel The Labor of Energy Transitions: Work, Technoscience, and the Lived Experience of Energy Producers, 4S, Denver.
- 2014 National Science Foundation panel reviewer
- 2013 National Endowment for the Humanities panel reviewer
- 2011 - Judge, Thompson Writing Awards, University of Colorado Center of the American West
- 2009 - 2015 Contributing editor, *Anthropology News*
- 2009 - 2015 Executive board member, Association for Feminist Anthropology
- 2013 Co-organizer, Energy and the American West panel, Society for Applied Anthropology annual conference, Denver.
- 2012 Co-organizer and chair, Gender and Natural Resources: Global Perspectives on Extractive Economies and Communities panel, AAA, San Francisco.

Institutional service

- 2015- Member, Colorado School of Mines Graduate Council
- 2014- Leadership Team, ConocoPhillips Center for a Sustainable WE²ST (Water-Energy Education, Science and Technology)
- 2012- Member, Hennebach Advisory Committee (chair, Spring 2013)
- 2012 - Member, Humanitarian Engineering Advisory Committee
- 2012 - Member, Energy Minor Curriculum Committee
- 2013 - 2015 Member, Colorado School of Mines Undergraduate Council
- 2013 - 2015 Member, Liberal Arts and International Studies Curriculum Committee

Occasional Reviewer: Current Anthropology, American Ethnologist, Cultural Anthropology, Journal of Engineering Education, Social Studies of Science, Engineering Studies, Journal of Women and Minorities in Science and Engineering, Society & Natural Resources, Extractive Industries and Society, Journal of Latin American and Caribbean Anthropology, Economic Anthropology, Antipode, Berghahn Books, Routledge, University of Kansas Press.

PROFESSIONAL MEMBERSHIPS

Society for Social Studies of Science

American Society for Engineering Education

American Anthropological Association