

**Amy Lauren Lovecraft**  
Professor of Political Science  
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### **Professional Appointments and Fellowships**

2020 – 2023, member of the Climate and Cryosphere Scientific Steering Group (CliC), World Climate Research Programme (WCRP)  
2017 – 2021, Nordforsk Science Advisory Board, Joint Nordic Initiative on Arctic Research  
2018 – present, Director of the Center for Arctic Policy Studies at UAF  
2016 – 2020, Scientific Steering Committee, Study of Environmental Arctic Change (SEARCH)  
2014 – present, Professor of Political Science at the University of Alaska Fairbanks

- Department Chair of Political Science 2014 - 2018

2008 - 2014, Associate Professor of Political Science at the University of Alaska Fairbanks

- Department Chair of Political Science 2008-2010
- Sabbatical leave 2010-2011

2008 - 2011, 2011-2013 United States National Academies Polar Research Board Member  
2011 Fulbright Research Scholar, Norway – affiliated with the Center for International Climate and Environmental Research Oslo (CICERO)  
2010 Arctic Studies Dickey Fellow - Dartmouth College Dickey Center for International Understanding  
2004 - 2007 Research Fellow, Institutional Dimensions of Global Environmental Change (IDGEC). University of California, Santa Barbara, USA  
2001 - 2008 Assistant Professor of Political Science at the University of Alaska Fairbanks  
1994-1995 Fulbright Research Scholar, Austria

### **Education**

- *The University of Texas at Austin*  
Department of Government, Ph.D. 2001  
Department of Government, M.A. 1997
- *Trinity University in San Antonio, TX*  
1994 B.A. International Studies

### **Grants Awarded** *\*\*A portion supports of one or more graduate/undergraduate student(s)*

September 2019 *The future of Arctic coastal ecosystems – Identifying transitions in fjord systems and adjacent coastal areas (FACE-IT)* submitted to the European Commission program: The changing cryosphere. PI: Kai Bischof (Universität Bremen) 5,550,342EUR. University of Alaska is a Consortium member, Lovecraft is the UA Researcher.\*\*  
March 2019 *Interdisciplinary Research for Arctic Coastal Environments (InteRFACE)*, submitted to Department of Energy by four national laboratories and IARC, PI: Joel Rowland (LANL), Co-PI: Hajo Eicken (IARC) \$8.7 million (\$1.875 million UAF). UAF Senior Personnel: A.L. Lovecraft.\*\*  
2019-2027 SSHRC (Canada) UAF Lead: A.L. Lovecraft – Community Appropriate Sustainable Energy Security (CASES) Partnership Grant \$7,334,447CDN. PI: Bram Noble (University of Saskatchewan) \*\*  
2018 Senior Personnel, NSF Scenarios workshop in support of Research, Synthesis, and Knowledge Transfer in a Changing Arctic – \$62,655, PI: Brendan Kelly  
2016-2017 National Oceanic and Atmospheric Administration (NOAA) “Arctic sustainability research in support of the arctic policy and governance educational partnership”

[*contract* to provide professional services to coordinate and implement projects related to arctic sustainability between NOAA and UAF] PI: A.L. Lovecraft \$98,380\*\*

2015-2017 Co-PI Northwest Arctic Borough Science Steering Committee, “Northern Alaska Scenarios Project: Youth engagement on community sustainability” (Arctic Future Makers). PI: Doug Cost \$51,250.\*\*

2013-2017 National Science Foundation (NSF) “The North Slope Arctic Scenarios Project (NASP): Envisioning Futures and Strategizing Pathways for Healthy Communities.” PI: A.L. Lovecraft \$954,290\*\*

2013-2015 Co-PI, Bureau of Land Management “Scenarios Planning for energy and resource development in the North Slope Alaska” PI: Olivia Lee \$475,000.\*\*

2013-2014 Ocean Conservancy “A Review of Planned and Proposed Infrastructure along Alaska’s Arctic Coasts.” PI: A.L. Lovecraft \$55,000\*\*

2012-2014 Co-PI, Research Council of Norway (RCN) “Critical Aspects of Adaptive Capacity to Climate Change in the Northern Regions.” PI: Grete K. Hovelsrud 7,229,000NOK (approx. \$1,258,000 USD).\*\*

2011 Co-PI, EPSCoR Integrative Faculty Research Award “Climate Change, Sea Ice, and Tourism.” PI: Steve Colt \$21,350.

2009-2014 Co-PI, National Science Foundation (NSF) “Collaborative Research on the State of the Arctic Sea Ice Cover: Sustaining the Integrated Seasonal Ice Zone Observing Network (SIZONET) Phase II.” PI: H. Eicken \$1,419,891\*\*

2008 Government of Canada, Program Enhancement Grant “The International Polar Year in North America: Engaging the Human Dimension through Peace and Security Dialog.” PI: A.L. Lovecraft \$6,000

2008 Marine Mammals Commission “Human Dimensions of Marine Mammal Management in the Arctic: Implications for policy in a changing North.” PI: A.L. Lovecraft, \$10,000

2006-2009 Co-PI, National Science Foundation (NSF) “IPY: Collaborative Research on the State of the Arctic Sea Ice Cover: An Integrated Seasonal Ice Zone Observing Network (SIZONET).” PI: H. Eicken \$882,243\*\*

2007-2008 Inland Northwest Research Alliance Water Research Consortium, “Freshwater Social-Ecological Systems: Analyzing Alaska’s Institutional Capacity for Water Security and Hydrological Change.” PI: A.L. Lovecraft, \$62,500\*\*

2006 Inland Northwest Research Alliance Water Research Consortium Grant “Water Resource Management Regional Needs Assessment.” PI: A.L. Lovecraft, \$16,071\*\*

2004 - 2005 Canadian Studies Faculty Research Grant “Comparative Study of Fire Policy and the Rules and Relationships between Governments and Indigenous People.” PIs: A.L. Lovecraft and S. F. Trainor \$6,700

2004 - 2007 National Science Foundation (NSF) Grant “Understanding Northern Sustainability Debates: The Politicization of Science for Natural Resource Policymaking.” PI: A.L. Lovecraft \$120,000\*\*

2003 - 2006 Co-PI, NSF Grant “Fire-Mediated Changes in the Arctic System: Interactions of Changing Climate and Human Activities.” PI: Terry Chapin \$1,140,000\*\*

2003 Graduate School of University of Alaska Fairbanks Grant for Online Course Delivery, used to develop NORS 656 Science, Technology, and Politics for simultaneous web delivery. \$5,000

2003 NSF Experimental Program to Stimulate Competitive Research (EPSCoR) Phase II Seed Grant recipient for research on human-fire interactions and data integration. \$6,779

2002 Graduate School of University of Alaska Fairbanks Grant for Website Development, used to develop the Political Science Department website. \$5,000

2002 Canadian Studies Program Enhancement Grant “The Cross-cultural Politics of Nunavut Territory.” PIs: A.L. Lovecraft, C. deWit and L. Rank. \$5,770

2001 Grants to attend *Canada Institute* July 11-22, 2001. I was a UAF representative competitively selected to attend this institute for Canadian studies and research development. I received an award from the Government of Canada and UAF.

**Publications** \**Graduate student*

***Articles in Peer Review Journals***

Cost, D.S. and A.L. Lovecraft. 2020. Scenarios development with Alaska's Arctic Indigenous youth: Perceptions of healthy sustainable futures in the Northwest Arctic Borough. *Polar Geography* doi:10.1080/1088937X.2020.1755906.

Blair, B.A. and A.L. Lovecraft. 2020. Risks without borders: A cultural consensus model of risks to sustainability in rapidly changing social-ecological systems. *Sustainability* 12, 2446, doi:10.3390/su12062446.

Moon, T.A., Overeem, I., Druckenmiller, M., Holland, M., Huntington, H., Kling, G., Lovecraft, A.L., Miller, G., Scambos, T., Schädel, C., Schuur, E.A.G., Trochim, E., Wiese, F., Williams, D., Wong, G. 2019. The expanding footprint of rapid Arctic change. *Earth's Future*, doi/10.1029/2018EF001088.

\*Blair, B., A. L. Lovecraft, and G. P. Kofinas. 2014. Meeting institutional criteria for social resilience: a nested risk system model. *Ecology and Society* 19(4): 36.

\*Krupa, M. B., F. S. Chapin III, and A. L. Lovecraft. 2014. Robustness or resilience? Managing the intersection of ecology and engineering in an urban Alaskan fishery. *Ecology and Society* 19(2): 17.

Lovecraft, A.L. 2013. The Human Geography of Arctic Sea Ice: Introduction. *Polar Geography* 36(1-2):1-4 [editorial review].

Lovecraft, A.L., C. Meek, H. Eicken. 2012. Connecting Scientific Observations to Stakeholder Needs in Sea Ice Social-Environmental Systems: The Institutional Geography of Northern Alaska. *Polar Geography* (36): 105-125.

\*Magness, D. A.L. Lovecraft, J. Morton. 2012. Factors Influencing Individual Management Preferences for Facilitating Adaptation to Climate Change within the National Wildlife Refuge System. *Wildlife Society Bulletin*. doi: 10.1002/wsb.156

Meek, C.L., A.L. Lovecraft, R. Varjopuro, M. Dowsley, A. Dale. 2011. Adaptive governance and the human dimensions of marine mammal management: Implications for policy in a changing North. *Marine Policy* 35(4): 466-476.

Lovecraft, A.L. and C. L. Meek. 2011. The human dimensions of marine mammal management in a time of rapid change: Comparing policies in Canada, Finland, and the United States. *Marine Policy* 35(4): 427-429.

\*Robards, M.D. and A.L. Lovecraft. 2010. Evaluating co-management for social-ecological fit: Indigenous priorities and agency mandates for Pacific Walrus. *Policy Studies Journal* 38(2): 257-279.

\*Beier, C., A.L. Lovecraft, F.S. Chapin III. 2009. Growth and collapse of a resource system: an adaptive cycle of change in public lands governance and forest management in Alaska. *Ecology and Society* 14(2)

Eicken, H., A.L. Lovecraft, M. L. Druckenmiller\*. 2009. Sea-ice system services: A framework to help identify and meet information needs relevant for Arctic observing networks. *Arctic* 62(2): 119-136.

Trainor, S.F., F.S. Chapin, III, A. D. McGuire, M. Calef, N. Fresco, D. Natcher, P. Duffy, T. S. Rupp, L. DeWilde\*, O. Huntington, M. Kwart, A. L. Lovecraft. 2009. Vulnerability and Adaptation to Climate-Related Fire Impacts in Rural and Urban Interior Alaska. *Polar Research*, 29(1):100-118.

Chapin, F. S., III, S. F. Trainor, O. Huntington, A. L. Lovecraft, E. Zavaleta, D. C. Natcher, A. D. McGuire, J. L. Nelson\*, L. Ray, M. Calef, N. L. Fresco, H. Huntington, T. S. Rupp, L.

- DeWilde\*, and R. L. Naylor. 2008. Increasing wildfire in the boreal forest: Causes, consequences, and pathways to potential solutions of a wicked problem. *BioScience*, 58 (6), 531-540.
- \*Meek C.L., A.L. Lovecraft, M.T. Robards\*, G.P. Kofinas. 2008. Building resilience through interlocal relations: Case studies of walrus and polar bear management in the Bering Straits. *Marine Policy*, 32(6): 1080-1089.
- Lovecraft, A.L. 2007. Transnational environmental management: U.S. - Canadian institutions at the interlocal scale. *American Review of Canadian Studies*, 7(32), 218-245.
- Lovecraft, A. Fall 2006/Winter 2007. Bridging the biophysical and social in transboundary water governance: Quebec and its neighbors. *Quebec Studies* 42, 133-140.
- Chapin, F.S., III, A.L. Lovecraft, E.S. Zavaleta, J. Nelson\*, M.D. Robards\*, G.P. Kofinas, S.F. Trainor, G.D. Peterson, H.P. Huntington, and R.L. Naylor. 2006. Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate. *Proceedings of the National Academy of Sciences* 103(45):16637-16643.
- Lovecraft, A., W.D. Chapin, D.C.W. Parker, and D. Sadler. 2006. Simulations and role-playing track summary, *PS: Political Science and Politics*, 34(3), 540-541.
- Lovecraft, A. 2004. Interlocal rules and democracy in the administration of cross border policy communities. *Administrative Theory & Praxis*, 26, 383-407.

### **Book Chapters**

- Van Amstel, A.R., Lovecraft, A.L., Biermann, M., Marinelli, R. & D. Nord. [2020 *In Press*] Chapter 19: Assessment and evaluation in Arctic Research – Where do we come from and where are we going? In D. Nord Ed. *Nordic Perspectives on Responsible Development of the Arctic: Pathways for Action*. Springer.
- Lovecraft, A.L. and C.L. Meek. 2019. Arctic Coastal Systems: Evaluating the DAPSI(W)R(M) Environmental Management Framework, In M. Elliott, R. Ramachandran, J. Day, & E. Wolanski Eds. *Coasts and Estuaries: The Future*. Elsevier.
- Lovecraft, A.L. and D.S. Cost. 2019. Policy Paradoxes: Challenges Confronting the Contemporary Arctic, in D. Nord Ed., *Leadership for the North: The Influence and Impact of Arctic Council Chairs*. Springer.
- \*Blair, B., A.L. Lovecraft, and R. Hum\*. 2018. The Disaster Chronotope: Spatial and Temporal Learning in Governance of Extreme Events. In S. Bonati., L.M. Calandra, and G. Forino (Eds.) *New Trends for Governance of Risks and Disasters: Theory and Practice*. Routledge, Abingdon, Oxfordshire, U.K.
- Lovecraft, A.L. and H. Eicken. Transformative collaboration in the Fourth International Polar Year: Connecting Studies of Arctic Change Across the Sciences and the Arts, In A.L. Lovecraft and H. Eicken eds. 2011. *North by 2020: Perspectives on Alaska's Changing Social-Ecological Systems*. University of Alaska Press: Fairbanks, AK, 3-18.
- Eicken, H. and A.L. Lovecraft. Planning for Northern Futures: Lessons from Social-Ecological Change in the Alaska Region, In A.L. Lovecraft and H. Eicken eds. 2011. *North by 2020: Perspectives on Alaska's Changing Social-Ecological Systems*. University of Alaska Press: Fairbanks, AK, 681-700.
- Chapin, F.S. and A.L. Lovecraft, Contextualizing Alaska's Climate Change from Global to Local Scales: The Boreal Forest, People, and Wildfire, In A.L. Lovecraft and H. Eicken eds. 2011. *North by 2020: Perspectives on Alaska's Changing Social-Ecological Systems*. University of Alaska Press: Fairbanks, AK, 41-52.
- McBeath, G. and A.L. Lovecraft. 2010 The Alaska Senate Race (*Begich v. Stevens*) In Robert P. Watson Editor. *The Roads to Congress 2008*. Rowman & Littlefield Publishers, 227-243.
- Lovecraft, A.L. and H. Eicken. 2009. The sea ice system services framework: Development and application, Chapter 2 In H. Eicken, R. Gradinger, M. Salganek, K. Shrasawa, D. Perovich,

- M. Lepparanta Editors. *Handbook on field techniques in sea-ice research: A sea-ice system services approach*. University of Alaska Press: Alaska, 9-24.
- Lovecraft, A.L. 2008. Climate Change and Arctic Cases: A Normative Exploration of Social-Ecological System Analysis, In Steve Vanderheiden, Editor. *Political Theory & Global Climate Change*. The MIT Press: Cambridge, MA, 91-120.

### **Books**

- Lovecraft, A.L. and H. Eicken, Editors. 2011. *North by 2020: Perspectives on Alaska's Changing Social-Ecological Systems*. University of Alaska Press: Fairbanks, AK. 736pgs.

### **Proceedings**

- Eicken, H., O. Lee, and A.L. Lovecraft. 2016. Evolving roles of observing systems and data co-management in Arctic Ocean governance. Oceans2016 MTS/IEEE. DOI: [10.1109/OCEANS.2016.7761298](https://doi.org/10.1109/OCEANS.2016.7761298)
- Lovecraft, A. L. Editor. 2009. *Proceedings: Lessons from Continuity and Change in the Fourth International Polar Year Symposium*. Inland Northwest Research Alliance, Idaho Falls, ID.
- Lovecraft, A. and McBeath, J. 2005. "Alaska" In: Carl Mott ed. *Proceedings: Budgeting in the 13 Western States*. Center for Public Policy and Administration, University of Utah, Salt Lake City, UT, 1-17.

### **Reports and White Papers**

- Lovecraft, A.L. and B. Preston 2018. Chapter 8 "Arctic Scenarios" In *Adaptation Actions for a Changing Arctic - Perspectives from the Bering/Chukchi/Beaufort Region*. Arctic Monitoring and Assessment Programme (AMAP), Arctic Council, Oslo, Norway.
- Lovecraft, A.L., N. Fresco, D. Cost. 2017. Northern Alaska Scenarios Project: Creating Healthy Sustainable Communities in Arctic Alaska. *Center for Arctic Policy Studies Report Series*.
- Cornell, S., Downing, A., Clark, D., Bickford, A., Blom, A., Carson, M., Goodwin, W., Kelman, I., Lefevre, J., Lovecraft, A., McGovern, T., Strambo, C., and Yurova, A. 2016. Chapter 2. Multiple Arctics: resilience in a region of diversity and dynamism. pp. 27-61 in Carson, M., and Peterson, G. (eds). 2016. Arctic Resilience Report. Stockholm Environment Institute and Stockholm Resilience Centre, Stockholm, SU. URL: <http://www.arctic-council.org/arr>
- Lovecraft, A.L., C.L. Meek, and H. Eicken. 2016. Data portals as institutional bridges: Connecting scientific observations to stakeholder needs. *Arctic Observing Summit 2016*; white paper.
- Lovecraft, A.L. (one of several authors) – Peters, G., Kroglund, M., Nilsson, A.E., Preston, B., Riahi, K., van Ruijven, B. *Arctic Scenarios Workshop Report*. Report to Arctic Monitoring and Assessment Programme, Arctic Council. 2014.
- Lovecraft, A.L. (contributing author) – Lead Authors: Hovelsrud, G. and J.D. Reist. "Effects of sea ice change in human society" Chapter 5 In S., Gerland, M. Granskop, K. Holmen, J.R. Key, W.N. Meier. *Climate Change and the Cryosphere: Snow, Water, Ice, and Permafrost in the Arctic (SWIPA)* An Arctic Council 'Cryosphere' Project in Cooperation with IASC, CliC and IPY. 2012
- \*Meek, C.L., A.L. Lovecraft, A. Dale, M. Dowsley, and Riku Varjopuro. 2009. *Synthesis Report on the Human Dimensions of Marine Mammal Management: Implications for policy in a changing North*. Report to the U.S. Marine Mammal Commission in response to Grant No. E4047716.
- Jackson-Smith, D., S. Marquart-Pyatt, C. Harris, A.L. Lovecraft, E. Shanahan, P. Wanschneider. November 2007. Inland Northwest Research Alliance Water Resources Research Consortium. *Water Resources Management Research and Education Needs Assessment Project*, Idaho Falls, ID.
- Participant Author, 2005. "Renewing the U.S. – Canada Relationship," 105<sup>th</sup> American Assembly. Arden House. Harriman, NY February 3-6, 2005.

### **Invited Publications**

- Lovecraft, A. L. 2012. U.S. Arctic Policy: Context, Currents, and our Canadian Neighbor. *Canada-U.S. Institute Research Note*, no. 3. London, Ont.: Western University. Pgs 1-6.  
[http://thecanadausinstitute.uwo.ca/research\\_notes.html](http://thecanadausinstitute.uwo.ca/research_notes.html)
- Lovecraft, A. 2006. The complex dynamics of transboundary water management. *International Human Dimensions Programme on Global Environmental Change (IHDP) Update*. 1, 23-24.
- Book Review: 2005. *The Journal of International Wildlife Law and Policy*, 8 (4). Ervin, D.E., Kahn, J.R., & Lvingston, M.L. Eds. 2003. Does Environmental Policy Work? The Theory and Practice of Outcomes Assessment. Edward Elgar: Northampton, MA.
- Lovecraft, A. 2005. Water conflict, institutions, and the development of socio-ecological capital. *IDGECnews*. 9, 5-7.

### **Honors and Awards**

- 2017 Elected a member of the Norwegian Scientific Academy for Polar Research
- 2015 Pi Sigma Alpha (political science honor society) faculty educator and advisor award
- 2009 Finalist, University of Alaska Fairbanks Usibelli Award for Distinguished Research
- 2008 The Ecology Society of America Sustainability Science Award for the paper: Chapin, F.S., III, A.L. Lovecraft, E.S. Zavaleta, et al. 2006. Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate, *PNAS*
- 2004-2007 National Science Foundation (NSF) Experimental Program to Stimulate Competitive Research (EPSCoR) Phase II Grant in support of competitive research capacity. Early Career Award, \$78,440
- 2004 Honorarium, Brookings Institution for Presentation "Perspectives on Public Expectations & the Politics of National vs. Alaskan Wildfire Management." \$1,000
- 2003 United Academics College of Liberal Arts Exceptional Performance Award for "Exemplary Engagement Across Social Science Disciplines." \$2,500
- 2003 Canadian Studies support award to represent UAF in Canada Week March 8-10 in Anchorage, AK. The award was from the Canadian Consulate in Seattle, WA.
- 2002 Canadian Studies support award to represent UAF in Canada Week March 6-9 in Anchorage, AK. The award was from the Canadian Consulate in Seattle, WA.
- 2001 Awards to attend Canada Institute July 11-22, 2001. I was a UAF representative; received an award from the Government of Canada as well as a supplementary award from UAF

### **Conference Participation**

#### **Presentations**

- 2019 September, Special display of seven scenarios posters produced for SEARCH through NSF Scenarios workshop in support of Research, Synthesis, and Knowledge Transfer in a Changing Arctic, *Arctic Futures 2050*, Washington DC.
- 2018 July, "Anticipatory governance in the Arctic: Researching the future to inform community adaptation now" – *On Land, Water and ice: Indigenous Societies and a Changing Arctic Symposium* of Hokkaido University Slavic-Eurasian Research Center.
- 2018 March, "Deliberative democracy under conditions of uncertainty: Creating anticipatory governance in Arctic Alaska." *Western Political Science Association, San Francisco*
- 2017 December, "Scenarios Thinking for the Bering-Beaufort-Chukchi Region" and "The Study of Environmental Arctic Change: Scenarios to Inform Science Planning" *ArcticNet, Montreal*.
- 2017 June, Panelist "Key findings and next steps for the Adaptation Actions for a Changing Arctic project" (ACA) *International Conference of Arctic Social Sciences (ICASS) 9*
- 2017 February, (invited workshop) "Co-producing Anticipatory Governance: Scenarios as Social Learning in Arctic Alaska" *Ecological Democracy Research Workshop*, University of Sydney, Australia.

- 2015 November, "Scenarios as Social Learning: Anticipatory Governance for Healthy Sustainable Communities in Arctic Alaska" *Central European Polar Conference*, Vienna
- 2014 April, "The Value of Scenarios for Northern Alaska: Facilitating Local Expert Dialog on Well-being and Sustainability for 2040" *Western Arctic Interdisciplinary Science Conference*, Kotzebue, AK
- 2012 April, "Gender, Well-being, and Climate Change in the Circumpolar North" *International Polar Year 2012 Conference*, Montreal.
- 2012 April, "Using Transdisciplinary Knowledge Generation and Dissemination to Design Integrated Strategies for Sustainable Arctic Futures" (with Hajo Eicken) *International Polar Year 2012 Conference*, Montreal.
- 2011 June, "Creating future fit between ice and society: Institutionalizing refugia in the Arctic" *International Conference of Arctic Social Sciences (ICASS) 7*.
- 2011 January, "Communities of practice: Balancing research, development, and management for a sustainable High North" *Arctic Frontiers Conference*.
- 2010 December, [poster] "Creating future fit between ice and society: A plan for institutionalized refugia in the Arctic to preserve sea ice system services in a changing North" (with C. Meek & Stephanie Pfirman) *American Geophysical Union*.
- 2010 June, "North by 2020: A Multidisciplinary Forum Bridging Physical and Social Sciences to Research and Communicate Vulnerabilities and Adaptations to Arctic Change" *International Polar Year Oslo Science Conference*.
- 2010 April, "Political Theory and Polar Bears: What Is the Role of Wilderness in Managing Social-Ecological Systems?" (with C. Meek) *Western Political Science Association*.
- 2010 March, "Designing an Effective Arctic Observing Network: Collecting Sea Ices System Data to Inform Multiple Stakeholder Concerns" *State of the Arctic Conference*.
- 2009 March, "Developing Ethics for Social-Ecological Systems: Moral Reciprocity in the Governance of Domestic Animals" *Western Political Science Association*.
- 2007 November, "Polar Bear Politics: A Comparative Analysis of Management in Canada and the United States" *Association for Canadian Studies in the United States*.
- 2007 March, "Interest Groups and Science Rhetoric in Legislative Testimony: Framing the Arctic National Wildlife Refuge (ANWR)," *Western Political Science Association*.
- 2007 March, "Interlocal Arctic Interplay: Institutional Analysis of Non-State Actors in Cross-Border Species Management," *International Studies Association*.
- 2006 March, "High Latitude Wildfire and Climate Change: A Normative Exploration of Social-Ecological System Analysis," *Western Political Science Association*.
- 2006 November, "Comparing Fire policy in Interior Alaska and the Yukon Territory: Policy Development and Change," *Third International Fire Ecology and Management Conference*.
- 2005 August, "Ecological Imperatives for Democratic Society: Metaphor and Model," *American Political Science Association*.
- 2005 August, "Science Strategies in Arctic Environmental Politics," *Association of Politics and Life Sciences*.
- 2005 March, "Interest Groups, Science, and Political Strategy: Analyzing the role of science to press claims on government," *Western Political Science Association*.
- 2004 August, "Re-evaluating the effects of common pool resource institutions: Socioecological capital," Jonathan Rosenberg co-author, *Tenth Biennial Global IASCP (International Association for the Study of Common Property) Conference*.
- 2004 May, "Interlocal Natural Resource Institutions in the Circumpolar North" *International Arctic Social Sciences Association 5<sup>th</sup> International Congress (ICASS V)*.
- 2004 April, "Transnational Water Quality and Subsistence Hunting: Modeling Interlocal Natural Resource Institutions Under Both Complex and Remote Conditions" *Midwest Political Science Association*.

- 2004 March, "Perceived Communities: Creating Institutions for Interlocal Natural Resource Cooperation" *Western Political Science Association*.
- 2003 September, "Policy Studies Leverage for Concerns of Long-Term Ecological Resilience," Understanding Coupled Biophysical and Human Systems: Research Needs and Approaches Workshop at the *Long Term Ecological Resilience All Scientists Meeting*.
- 2003 August, "Sustainability of Common Arctic Resources through Transboundary Institutions," *International Association for the Study of Common Property, Northern Polar Regional Conference*.

**Panel or Session Chair**

- 2019 Chair, "Roundtable: Alaska Policy in America's Arctic Politics" *Western Political Science Association*, San Diego, 18 April.
- 2018-2019 Section Co-Chair for Environmental Political Theory Section of the *Western Political Science Association* 2019 meeting.
- 2014 May, Session Chair and moderator, "Climate Change, Gender, and Well-being in the Arctic" *International Conference of Arctic Social Sciences (ICASS 8)*.
- 2013 May, Workshop co-organizer, co-chair, co-moderator, presenter "Workshop on Climate Change Adaptation and Gender" Tromsø, 27-28 May.
- 2011 June, Session Chair "Human Dimensions of Change to Arctic Sea Ice" *International Conference of Arctic Social Sciences (ICASS 7)*.
- 2009 March Panel Chair "Animal Ethics, Public Policy and Political Theory" *Western Political Science Association*.
- 2007 March, Panel Co-Chair with Peter Schweitzer "International Collaboration for the International Polar Year" *Alaska Anthropological Association*.
- 2006 December, Panel Chair "Water Governance" *Institutional Dimensions of Global Environmental Change (IDGEC) Synthesis Conference*.
- 2005 October, Panel Co-Chair with Tun Mynt "Local, Regional, and International Institutions to Reduce Conflict and Increase Capacity for Restoration, Protection, and Usage of Transboundary Waters" *6<sup>th</sup> Open Meeting of the Human Dimensions of Global Environmental Change Research Community*.
- 2004 May, Session Chair "Science and Society in the Arctic" *International Arctic Social Sciences Association 5<sup>th</sup> International Congress (ICASS 5)*.

**Discussant or Moderator (see also moderation above)**

- 2018 Discussant, "Alaska's Subsistence Ways of Life in the 21<sup>st</sup> Century" *On Land, Water and ice: Indigenous Societies and a Changing Arctic Symposium* of Hokkaido University Slavic-Eurasian Research Center 5-6 July.
- 2008 Moderator, "Good practices in local climate change adaptation: Youth and the Elderly" *Arctic Council Sustainable Development Working Group Workshop: Vulnerability and Adaptation to Climate Change in the Arctic*, 22-23 October, Tromsø, Norway.
- 2007 March, Discussant "Managing International Waters" *International Studies Association*.
- 2004 August, Discussant "Historical Analysis of Socio-ecological Systems" *Tenth Biennial Global IASCP (International Association for the Study of Common Property) Conference*.
- 2004 April, Discussant "Advocacy Coalitions and Networks II" *Midwest Political Science Association*.
- 2003 June, Moderator, "Effective Local Institutions: Trans-Boundary Comparisons," Effective Local Institutions for Collective Action in Arctic Communities Conference at the *Annual Public Administration Theory Network Conference*.
- 2003 March, Discussant, "Revisiting Seminal Views of the Environment" *Western Political Science Association*.



## **Invited Talks**

- 2018 Plenary Speaker “Arctic Futures – Generating Scenarios for Arctic 2050” *ArcticNet Science Meeting*, Ottawa, 11 December.
- 2018 Closing Speaker for *We the People Alaska State High School Championships*, 5 December.
- 2018 Speaker, “Legal framework and legislation concerning Indigenous people in Alaska” Hokkaido University Arctic Research Center, Japan, 3 July.
- 2018 Speaker “How does climate policy at the State and Federal level affect water resources research in Alaska?” *Alaska Water Resources Association*, Anchorage 11 April.
- 2017 Speaker, “Scenario Planning in the Arctic” *United States and Canada Northern Oil and Gas Research Forum* Anchorage 11-13 October.
- 2016 Speaker “Anticipatory Governance in Social-Ecological Systems: Researching Community Health and Sustainability in Arctic Alaska” at *Sustainability Science Centre Lecture Series*, University of Copenhagen, Denmark, 24 May.
- 2016 Plenary Speaker and panelist at *American Indian Workshop*, University of Southern Denmark, Odense, 25-28 May.
- 2016 Guest Instructor at Middlebury Monterey Institute of International Studies for graduate course *The Changing Arctic: Ecosystems, Economy, and Geopolitics*, Monterey, CA, 9 April.
- 2015 Speaker/Workshop participant “Scenarios Work on Alaska’s North Slope” *Arctic Futures Initiative Workshop*, IIASA, Laxenburg, Austria 1-3 December.
- 2014 Speaker “The Value of Scenarios for Arctic Futures: Facilitating Expert Dialog Across Scales and Interests” *The TransArctic Agenda Conference*, University of Iceland, 29-30 October.
- 2014 Speaker and working group member “Regional Scenarios Development in Alaska’s North Slope” Arctic Scenarios Workshop, *Arctic Monitoring and Assessment Programme and International Institute for Applied Systems Analysis (IIASA) Austria*, 19-20 May.
- 2013 Speaker “The Sea Ice System Services Framework” *White Arctic Blue Arctic Workshop*, Columbia University, 24-25 April.
- 2012 Speaker “North by 2020: Perspectives on Alaska’s Changing Social-Ecological Systems” University of Alaska Anchorage Bookstore, Anchorage, AK 13 March.
- 2012 Speaker “Gender, Well-being, and Climate Change in the Arctic” Institute of Social and Economic Research, University of Alaska Anchorage, Anchorage, AK 13 March.
- 2011 Speaker “U.S. Electoral Politics: What will happen in the 2012 elections?” University of Lapland, Finland, Faculty of Social Sciences 6 May.
- 2011 Speaker “Arctic Politics Across Scales: A Social-Ecological Approach to Rapid Change” University of Lapland, Finland, Arctic Centre 4 May.
- 2011 Speaker “Arctic Politics Across Scales: A Social-Ecological Approach to Rapid Change” University of Tromsø, Norway, *World Politics Seminar* 2 May.
- 2011 Speaker and Panelist, “Gender and Climate Change in the Arctic” Public Seminar: *Climate Change – Why Gender Matters*, Norwegian Ministry of Foreign Affairs, Oslo, 8 March.
- 2011 Speaker “Politics in social-ecological systems: A role for communities of practice in planning for *sustainable civic society*” CICERO, Oslo, 23 February.
- 2010 Speaker, “Politics in Socio-Ecological Systems: The Case of the Arctic in Transition” Public Lecture at Dartmouth College, 2 November.
- 2010 Panelist/Presenter, “Resilience Thinking and Policy Studies” *Annual Institute of Society of Policy Scientists*, 14-16 October, New Haven, CT.
- 2010 The Beaufort Sea Boundary Dispute: Identifying and Assessing Options, ArcticNet information-gathering workshop, 6 March, Anchorage, AK.
- 2008 Small Group Facilitator, “Synthesis and Final Discussion” *Workshop: Reducing environmental risks and impacts in Arctic coastal and offshore oil and gas exploration*, 12-14 November, Barrow, Alaska.

- 2008 Speaker, "Final Panel: Future Recommendations for the Arctic Council" *Arctic Council Sustainable Development Working Group, Workshop: Vulnerability and Adaptation to Climate Change in the Arctic*, 22-23 October, Tromsø, Norway.
- 2007 Speaker, "North by 2020: Polar Research & Community Vitality" *Alaska Municipal League 5<sup>th</sup> Annual Conference* 5-7 November, Fairbanks, Alaska.
- 2005 Participant, The 105<sup>th</sup> American Assembly, Columbia University U.S. - Canada Relations. 3-6 February, Arden House. Harriman, New York.
- 2004 Roundtable speaker: "Third Parties in American Politics." Public panel at UAF organized by the Alaska Green Party, November 15.
- 2002 UAF Team Member, American Association of Colleges and Universities, *Liberal Education and Global Citizenship: The Arts of Democracy Conference*. 20-24 May, Washington DC.
- 2002 Speaker, "Creating Institutions for Interlocal Natural Resource Cooperation: Lessons from the Great Lakes" *Transboundary Environmental Management Conference* 4-7 May, Tampico, Tamaulipas, Mexico.

### **Select Professional, Public and University Service**

- 2020 Tenure Appeal Board member
- 2020 External reviewer for promotion and tenure file University of Alberta Calgary
- 2015 - 2020, 2008-2009 (*Ted Stevens*) *Alaska Legislative Internship Program Coordinator* at UAF
- 2018 - 2019, 2017-2018, 2015 - 2016 Chair, elected, Social Sciences Peer Unit
- Ad hoc Peer Review: Books Routledge (2012, 2017), MIT Press (2010). Journal articles *Polar Geography* (2014, 2018), *The Polar Journal* (2017), *Ecology and Society* (2012, 2014, 2016, 2017), *Ambio* (2015, 2019), *Conservation Letters* (2013), *Review of Policy Research* (2011), *Environmental Practice* (2011), *Environmental Politics* (2010, 2009), *Journal of Political Science Education* (2009), *Arctic* (2009), *Quebec Studies* (2007), *Public Understanding of Science* (2006), *Urban Affairs* (2004), and *Public Performance and Management Review* (2003). One or more grant proposals Netherlands Research Council (NWO) (2014), Research Council of Norway (2013), U.S. National Science Foundation (NSF) (2005, 2011, 2014, 2016, 2020).
- 2019, Spring, Coach for We the People Alaska Team for WTP National competition
- 2018 Judge for We the People Alaska State High School Championship, 5 December.
- 2018 External reviewer of a promotion file for Drexel University
- 2018 External reviewer of a promotion and tenure file for Virginia Tech
- 2005 - 2020 *Osher Lifelong Learning Institute* Instructor for short courses: *The Presidential Campaign and Election* (2020), *Executive Power in the U.S.* (2020), *Presidents and Midterm Elections* (2018), *American Political Development: Federalism* (2017), *American Elections* (2016), *Parties, Campaigns, and Elections* (2015), *Polar Politics* (2014), *U.S. Voting Rights* (2014), *The Presidential Campaign* (2012), *American Political Culture* (2011), *The First Amendment* (2009), *The Presidential Campaign* (2008), *The Supreme Court* (2007), *The American Presidency* (2006), and *Constitutional Law* (2005).
- 2017 University of Alaska Strategic Pathways Review Team for Social and Physical Sciences
- 2018, 2016 Invited scholar/mentor for the Center for Civic Education James Madison Legacy Project, teacher training on American political development, Anchorage, 23 June; 6 June.
- 2015 - 2017, 2011 - 2013 member of UAF University-wide Promotion and Tenure committee (2 yr. term)
- 2013 - 2015 elected Faculty Senator at UAF (2 yr. term)
- 2013 - 2015 guest editor (with T. Chapin and G. Kofinas) for *Ecology and Society* edition "Pathways of Resilience in a Rapidly Changing Alaska"
- 2012 - 2013 Member, College of Liberal Arts Dean's Advisory Council

- 2011 - 2012 sole guest editor for *Polar Geography* double issue edition “The Human Geography of Arctic Sea Ice.”
- 2011 Sabbatical Review Committee, College of Liberal Arts, UAF.
- 2002 - 2012 member of the Faculty Steering Committee for National Science Foundation *Interdisciplinary Graduate Education and Research Training program* (IGERT) in Resilience and Adaptation (RAP).
- 2011 Organized, presented in, and moderated panel discussion for the public outreach of book publication *North by 2020: Perspectives on Alaska’s Changing Social-Ecological Systems* as sponsored by the UAF Chancellor and International Arctic Research Center, 14 December 2011
- 2006 – 2010 University of Alaska Social Science faculty member for the National Science Foundation EPSCoR Phase III
- 2008 U.S. State Department Project Lead for the Arctic Council Sustainable Development Working Group's project *Vulnerability and Adaptation to Climate Change in the Arctic*.
- 2008 Reviewer for National Science Foundation/Department of Defense grant competition “National Security, Conflict and Cooperation (NSCC).”
- 2008 Reviewer for Government of Canada grant competition *Conference Program Grant and Outreach Grant* proposals.
- 2008 - 2009 Symposium Organizer and Science Committee Chair for *INRA International Polar Year Symposium: Lessons from Continuity and Change*. Meeting held March 4-7, 2009.
- 2007- 2009, 2012, 2016, 2017 Panel Judge for West Valley High School American Government “*We the People*” Final Project.
- 2006 - 2007 Co-coordinator of the Annual Environmental Political Theory Workshop at the *Western Political Science Association*. Workshop held March 7, 2007.
- 2005 - 2008 Science Steering Committee Member for Center for Global Climate Change and Arctic Systems Research.
- 2003 - 2004 Organizational Committee Member for the *International Arctic Social Sciences Association 5<sup>th</sup> International Congress* (ICASS V).
- 2002 – 2005, 2006 – 2008 Elected representative for the Social Sciences on College of Liberal Arts Curriculum Council.