

# Kristin Timm

Communication PhD and Multi-Method Social Scientist

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## EDUCATION

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- May 2021      **Ph.D. Communication, George Mason University**  
Emphasis: Science Communication  
*Dissertation: Sources and frames in a contested framing space: An analysis of the U.S. media coverage of the Fourth National Climate Assessment*  
Advisor: Dr. Edward W. Maibach
- August 2014      **M.Sc. Interdisciplinary Studies, University of Alaska Fairbanks**  
Emphasis: Science Communication, Resilience & Adaptation Program  
*Thesis: Nature-based tourism operator response to environmental change in Juneau, Alaska*  
Advisor: Dr. Elena Sparrow
- May 2009      **B.A. Rural Development, University of Alaska Fairbanks**  
Emphasis: Land, Resources & Environmental Management

### ***Additional Training***

- Alan Alda Center for Communicating Science 3-Day Training, February 2020
- Community Based Social Marketing Introductory & Advanced Training, November 2019

### ***Software***

- SPSS, NVivo, R, Zoom, Canvas, Adobe InDesign & Illustrator, Microsoft Office, Google Suite

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## RESEARCH EXPERIENCE

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- October 2021 – present      **Research Associate, International Arctic Research Center, University of Alaska Fairbanks**  
Conducts social science research on communication and the co-production of knowledge in the context of climate change.
- May – October 2021      **Post Doctoral Fellow, Alaska Climate Adaptation Science Center, University of Alaska Fairbanks**  
Conducts social science research on communication and the co-production of knowledge in the context of climate change and facilitates co-production planning efforts. (Administratively was a temporary employee from May 2020-2021.)

- August 2019 – 2020 **Research Assistant, Department of Environmental Science & Policy, George Mason University**  
With Dr. Karen Akerlof, conducted qualitative research about communication in conservation and environmental science to improve the graduate-level environmental policy and communication curriculum.
- August 2019 – 2020 **Research Assistant, International Arctic Research Center, University of Alaska Fairbanks**  
Under the direction of Dr. Casey Brown, conducted interviews to evaluate the Community Partnerships for Self-Reliance research project.
- May – August 2017 **Research Assistant, Alaska Center for Climate Assessment and Policy (ACCAP), University of Alaska Fairbanks**  
With Dr. Sarah Trainor, conducted qualitative research about training and capacity building in the co-production of climate science.
- August 2016 – August 2019 **Graduate Research Assistant, Center for Climate Change Communication, George Mason University**  
With Dr. Ed Maibach, developed research methods and protocols, conducted interviews, facilitated large-scale surveys, and analyzed qualitative and quantitative data to understand TV weathercasters and journalists' attitudes about climate change and climate change reporting.
- February – March 2018 **Research Assistant, American Association for the Advancement of Science (AAAS)**  
Under the direction of Dr. Karen Akerlof, assisted with the analysis of qualitative data to learn how U.S. congressional staff members use science in their policy making work.
- August – December 2012 **Research Assistant, Alaska Climate Adaptation Science Center, University of Alaska Fairbanks**  
With Dr. Scott Rupp, conducted science communication and program management activities to foster the development of actionable climate science for resource management decisions.
- January – May 2012 **Research Assistant, School of Education, University of Alaska Fairbanks**  
Under the direction of Dr. Ute Kaden, conducted interviews to understand teachers' attitudes about math and science instruction in rural Alaska high school classrooms.

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## GRANTS & FUNDING

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### *Successful*

- 2021 – 2022** **Co-Principal Investigator**  
**EAGER: Equity in Scientific Co-production Processes: Creation of a Framework**

Grant awarded by the National Science Foundation to conduct research and host a workshop on the role of equity in the co-production of knowledge (P.I. Karen Akerlof, George Mason University).

**2020 – 2023**

**Co-Principal Investigator**

**Collaborative Research: The Demise of the World's Largest Piedmont Glacier**

Grant awarded by the National Science Foundation to study the Malaspina Glacier, develop outreach materials, and conduct quantitative message testing research to understand how models of future glacier change influence American's climate change knowledge and beliefs (P.I. Martin Truffer, University of Alaska Fairbanks).

**2009 – 2011**

**Co-Principal Investigator**

**PolarTREC: Teachers & Researchers Exploring & Collaborating**

Grant awarded by the National Science Foundation for a teacher research experience program in the Arctic and Antarctic (P.I. Janet Warburton, Arctic Research Consortium of the U.S.).

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## TEACHING EXPERIENCE

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October 2021 –  
present

**Affiliate Faculty, Department of Communication and Journalism, University of Alaska Fairbanks**

Mentors and advises undergraduate and graduate students pursuing education and research in science communication.

March 2020 -  
present

**Climate Faculty Fellow, Climate Scholars Program, Honors College, University of Alaska Fairbanks**

With Drs. Alex Hirsch and Katie Spellman, develops program, teaches introductory, interdisciplinary climate change course, plans and executes summer intensive experiential learning, and mentor undergraduate students in UAF's Climate Scholars Program.

December 2018  
– July 2020

**Lecturer, School of Public Health, Yale University**

With Dr. Robert Dubrow (Introduction to Climate Change and Health) and Dr. Connie Roser-Renouf (Climate Change Communication), facilitates weekly real-time video discussions, grades assignments, and corresponds with students (medical and public health professionals) in the 18-week online Climate Change and Health Certificate program.

August 2017 –  
December 2017

**Graduate Lecturer, Department of Communication, George Mason University**

Under the direction of basic course director Dr. Melissa Broeckelman-Post, conducted classroom lectures and activities, graded assignments, and corresponded with students (undergraduate) in Communication 101: Interpersonal and Small Group Communication.

Summer 2012,  
2014 & 2015

**Science Communication Instructor, Juneau Icefield Research Program (JIRP)**

With the curriculum committee, established the science communication program, taught classes, and mentored students (undergraduate and graduate) in communication projects and public presentations during the 12-week wilderness field school on the Juneau Icefield.

January – May  
2012

**Graduate Teaching Assistant, International Arctic Research Center, University of Alaska Fairbanks**

Invited speakers, advertised, and coordinated technical aspects of the Association for Polar Early Career Scientists (APECS) professional development webinar series.

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## MENTORING EXPERIENCE

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- Jenny Rasche (MA in Arctic and Northern Studies, UAF, in progress)
- Kyle Johnson (MA in Communication, UAF, 2021)
- Julian Dann (MS in Interdisciplinary Studies – Remote Sensing & Science Communication, UAF, in progress)
- River Schumann (BA in Interdisciplinary Studies – Science Writing, UAF, in progress)

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## PROFESSIONAL EXPERIENCE

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April 2013 –  
August 2016

**Science Communications Lead, Scenarios Network for Alaska and Arctic Planning (SNAP) & Alaska Climate Adaptation Science Center (AK CASC), University of Alaska Fairbanks**

Worked closely with leadership, scientists, and other communications professionals to manage communications activities for several research institutes, including marketing and branding, website design and development, science writing and media engagement, graphic design and illustration, internal communication, and strategic communication efforts for specific projects. Promoted from Science Communicator (January – April 2013).

December 2007  
– August 2011

**Education Project Manager, Arctic Research Consortium of the United States (ARCUS)**

Co-managed all program activities for an Arctic/Antarctic teacher research experience professional development program (PolarTREC), including promotion; participant training, support, and tracking; web design and management; and grant writing, budget management, and reporting. Promoted from Education Project Assistant (February-December 2007).

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## PUBLICATIONS

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***Peer-Reviewed Journal Articles***

Craig, R.T., Patzer, S., Murphy, J., **Timm, K.**, & Maibach, E.W. (2021). Race/ethnicity and climate change reporting: Perceptions and interests of news personnel's interest to cover

climate change based on race/ethnicity. *Environmental Communication*. doi: <https://doi.org/10.1080/17524032.2021.1967181>

Akerlof, K.L., Bromser-Kloeden, T., **Timm, K.**, Rowan, K.E., Olds, J.E., Clarke, C., et al. (2021). Categorizing Professionals' Goals for Environmental Communication and Identifying Implications for Graduate Education. *Environmental Communication*. doi: 10.1080/17524032.2020.1862890

**Timm, K.**, Perkins, D.R., Myers, T.A., & Maibach, E.W. (2020). Reporting on climate change by broadcast meteorologists: A national assessment. *Bulletin of the American Meteorological Society*. doi: <https://doi.org/10.1175/BAMS-D-18-0225.1>

**Timm, K.**, Maibach, E.W., Boykoff, M., Myers, T.A., & Broeckelman-Post, M.A. (2020). The prevalence and rationale for presenting differing viewpoints about climate change: Findings from a United States national survey of TV weathercasters. *Weather, Climate, and Society*, 12(1), 103-115. doi: 10.1175/WCAS-D-19-0063.1

Euskirchen, E.S., **Timm, K.**, Breen, A.L., Gray, S., Rupp, T.S., Martin, P., Reynolds, J., Sesser, A., Murphy, K., Littell, J.S., Bennett, A., Bolton, W.R., Carman, T., Genet, H., Griffith, B., Kurkowski, T., Lara, M.J., Marchenko, S., Nicolsky, D., Panda, S., Romanovsky, V., Rutter, R., Tucker, C.L., & McGuire, A.D. (2020). Co-Production of knowledge: Developing the Integrated Ecosystem Model to inform resource management decisions in Arctic Alaska. *Frontiers in Ecology and the Environment*. doi: 10.1002/fee.2176

Perkins, D.R., **Timm, K.**, Myers, T.A. & Maibach, E.W. (2020). Broadcast Meteorologists' views on climate change: A state-of-the-community review. *Weather, Climate, and Society*, 12, 249–262. doi: <https://doi.org/10.1175/WCAS-D-19-0003.1>

Engblom, A., **Timm, K.**, Mazzone, R., Perkins, D.R., Myers, T., & Maibach, E.W. (2019). Local TV news viewer reactions to weathercasters reporting the local impacts of climate change. *Weather, Climate, and Society*, 11(2), 321-335. doi: 10.1175/WCAS-D-18-0066.1

**Timm, K.**, Pope, A., Smieszek, M., Fugmann, G., & Zaika, Y. (2017). Arctic science: From knowledge to action? *The Polar Journal*, 7(2), 428–429. doi: 10.1080/2154896X.2017.1394122

O'Neel, S., Hood, E., Bidlack, A.L., Fleming, A.S., Arimitsu, M.L., Arendt, A., Burgess, E., Sergeant, C.J., Beaudreau, A.H., **Timm, K.**, Hayward, G.D., Reynolds, J.H., & Pyare, S. (2015). Icefield-to-ocean linkages across the northern Pacific coastal temperate rainforest ecosystem. *Bioscience*, 65(5), 1-14. doi: 10.1093/biosci/bivo27

### **Published Book Chapters**

Akerlof, K. L., **Timm, K.**, Ebbin, S. A., Gambill, J. M., Grifman, P. M., Miller, T., & Moser, S. (2021). Asking questions for adaptation: Using public and stakeholder surveys as a tool within coastal climate change policy processes. In J. Yusef & B. St. John, III (Eds.), *Communicating about climate change: Making environmental messaging accessible*. London: Taylor & Francis.

Trainor, S.F., **Timm, K.**, Buxbaum, T., York, A., & Perrin, A. (2019). Communication as a driver of landscape change. In A.L. Sesser, A.P. Rockhill, D.R. Magness, D. Reid, J. DeLapp, P. Burton, E. Schroff, V. Barber, & C. Markon (Eds.), *Drivers of Landscape Change in the Northwest Boreal Region of North America—Implications on Policy and Land Management*. Fairbanks: University of Alaska Press.

Fresco, N. & **Timm, K.** (2015). Fostering resilience in the face of an uncertain future: Using scenarios planning to communicate climate change risks and collaboratively develop adaptation strategies. In J.D. Drake, Y.Y. Kontar, J.C. Eichelberger, T.S. Rupp, & K.M. Taylor (Eds.), *Communicating climate change and natural hazard risk and cultivating resilience: Case studies for a multidisciplinary approach*. Switzerland: Springer International Publishing.

Baeseman, J., Huffman, L., **Timm, K.**, & Warburton, J. (2010). Tips and tricks for science presentations. In B. Kaiser, B. Allen, & S. Zicus (Eds.), *Polar science and global climate: An international resource for education and outreach*. Essex: Pearson Education.

### **Selected Other Publications**

**Timm, K.** (2021). Key ideas for working at the boundary of science and society. Association of Polar Early Career Scientists. Retrieved from:  
<https://usapecs.wixsite.com/usapecs/post/key-ideas-for-working-at-the-boundary-of-science-and-society>

Maibach, E.W., Craig, R.T., Yagatich, W.A., **Timm, K.**, Patzer, S., & Murphy, J. (2018). *Climate matters in the newsroom: Radio Television Digital News Association Member Survey, 2018*. George Mason University, Fairfax, VA: Center for Climate Change Communication.

Maibach, E., Perkins, D.R., **Timm, K.**, Myers, T., Woods Placky, B., et al. (2017). *A 2017 national survey of broadcast meteorologists: Initial findings*. George Mason University, Fairfax, VA: Center for Climate Change Communication.

**Timm, K.**, & Wolken, G.J. (2017). *Deglacierization and the development of glacier-related hazards*. Alaska Division of Geological & Geophysical Surveys Information Circular 63. doi: <https://doi.org/10.14509/29752>.

**Timm, K.**, Littell, J.S., Gray, S.T., & Rupp, T.S. (2016). *Post-conference report: Climate, conservation, and community in Alaska and Northwest Canada*. University of Alaska Fairbanks, Fairbanks, AK: Alaska Climate Adaptation Science Center.

**Timm, K.**, Hum, R., & Drukenmiller, M. (2016). *Using communication theory and strategy to develop researcher-stakeholder relationships*. White paper submitted to the 2016 Arctic Observing Summit, Fairbanks, AK, USA.

Fresco, N., Krutikov, L., **Timm, K.**, & Morris, J. (2014). State of change: Climate change in Alaska's National Parks. Fairbanks: Scenarios Network for Alaska and Arctic Planning, University of Alaska Fairbanks. Retrieved from:  
<https://www.nps.gov/subjects/climatechange/upload/StateofChangeFinalAug2014-508.pdf>

Gray, S.T., et al. (2014). Using integrated ecosystem modeling to understand climate change. *Alaska Park Science*, 12(2), 13-17. Retrieved from <https://www.nps.gov/articles/aps-v12-i2-c3.htm>.

**Timm, K.**, O'Neel, S., & Hood, E. (2014). From icefield to ocean: Explore the many ways that glaciers influence Alaska's coastal ecosystems. Fairbanks: Alaska Climate Adaptation Science Center, University of Alaska Fairbanks. Retrieved from: <https://akcasc.org/wp-content/uploads/2020/05/Icefield-to-Ocean-5-1-2014-ADAComp.pdf>

**Timm, K.** (2014). *Nature-based tourism operator response to environmental change in Juneau, Alaska*. Thesis. Retrieved from: <http://hdl.handle.net/11122/4689>

Provencher, J., Baeseman, J., Carlson, D., Badhe, R., Bellman, J., Hik, D., Huffman, L., Legg, J., Pauls, M., Pit, M., Shan, S., **Timm, K.**, Ulstein, K., & Zicus, S. (2011). *Polar research education, outreach and communication during the fourth IPY: How the 2007–2008 International Polar Year has contributed to the future of education, outreach and communication*. Paris: International Council for Science (ICSU).

Garay, D., Warburton, J., & **Timm, K.** (2010). Breaking ice, building knowledge: The benefits of ship-based teacher research experiences. *The Earth Scientist*, 26(1), 43-48.

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## PRESENTATIONS

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### ***Invited Presentations***

**Timm, K.** (2018). *Insights and resources to guide climate change communication*. Virtual Alaska Weather Symposium, Fairbanks, AK, USA.

**Timm, K.**, Reynolds, J., Littell, J., Murphy, K., Euskirchen, E.S., Breen, A.L., Gray, S., & Rupp, T.S. (2017). *Co-production and modeling landscape change – successes and challenges in developing useful climate science*. American Geophysical Union Fall Meeting, New Orleans, LA, USA.

**Timm, K.** (2015). *The process of integrating art, science, and design*. Data to Decisions (D2D) Visualization Workshop, Fairbanks, Alaska, USA.

**Timm, K.** (2014). *Maintaining the beginner's mind: Lessons from an early career scientist working at the boundary*. Climate, Conservation, and Community in Alaska and Northwest Canada meeting, Anchorage, AK, USA.

### ***Oral Presentations***

Akerlof, K., **Timm, K.**, Rowan, K., Olds, J., & Hathaway, J. (2021). *The Growth and Disciplinary Convergence of Environmental Communication: A Bibliometric Analysis of the Field (1970-2019)*, Association for Education in Journalism and Mass Communication Annual Conference (Virtual)

★Communicating Science, Health, Environment, and Risk (ComSHER) Division  
Third Place Top Faculty Paper award

- Timm, K.** (2020). *Online Newspaper, Television, Radio, Digital Native, and Partisan News Coverage of the Fourth National Climate Assessment*, American Geophysical Union Fall Meeting (Virtual).
- Timm, K.** (2019). *Representations of Psychological Distance in Alaska Climate Change Media Coverage*. Conference on Communication and Environment, Vancouver, BC, Canada.
- Chase, M., **Timm, K.**, Toohey, R., & Littell, J. (2019). *Overcoming the Climate Communication Challenge*. Alaska Forum on the Environment, Anchorage, AK, USA.
- Timm, K.**, Craig, R., Yagatich, W., & Maibach, E.W. (2018). *Fair balance or false balance: Accuracy or impartiality in climate change reporting*. Media Ethics Division, Association for Education in Journalism and Mass Communication National Conference, Washington, DC, USA.
- Timm, K.** (2018). *Building capacity for actionable climate science in Alaska*. SESYNC Boundary Spanning Symposium, Annapolis, MD, USA.
- Timm, K.** (2018). *The relationship between dispositional optimism, proactivity, and on-air climate change reporting by TV weathercasters*. Eastern Communication Association Conference, Pittsburgh, PA, USA.
- Timm, K.**, Hood, E.W., O'Neel, S. & Wolken, G. (2017). *Communicating glacier change and associated impacts to communities and decision-makers*. American Geophysical Union Fall Meeting, New Orleans, LA, USA.
- Kettle, N., **Timm, K.**, Buxbaum, T.M., Trainor, S., Walsh, J.E., & York, A. (2017). *Building capacity for actionable science and decision making in Alaska*. American Geophysical Union Fall Meeting, New Orleans, LA, USA.
- Timm, K.**, Mitchell, S., & Bakker, T. (2016). *Using strategic communication to engage participants and the community in the 2016 Arctic Science Summit Week*. Public Relations Society of America - Alaska Chapter Conference, Anchorage, AK, USA.
- Timm, K.** (2016). *Communicating climate change scenarios, uncertainty, and impacts in Alaska*. Island Sustainability Conference and Climate Change Pre-Workshop, Tumon, Guam, USA.
- Heeringa, K., Krutikov, L., & **Timm, K.** (2016). *How to use SNAP's online data tools to explore trends, future projections, and access data*. Alaska Forum on the Environment, Anchorage, AK, USA.
- Timm, K.** & Fresco, N. (2014). *Using research to improve how we communicate about climate change*. Alaska Forum on the Environment, Anchorage, AK, USA.
- Timm, K.** & Baeseman, J.L. (2011). *APECS: A model organization for bridging past to present and developing a new generation of polar scientists*. American Geophysical Union Fall Meeting, San Francisco, CA, USA.



Provencher, J.F., Baeseman, J.L., Carlson, D., & **Timm, K.** (2011). *The IPY education, outreach and communication assessment: How IPY is shaping the future of science outreach*. American Geophysical Union Fall Meeting, San Francisco, CA, USA.

**Timm, K.** & Warburton J. (2010). *Using real-time communication technology to bridge students and real science research during the IPY*. International Polar Year Oslo Science Conference, Oslo, Norway.

### ***Selected Poster Presentations***

**Timm, K.** (2019). *Climate change in the eyes of Alaska's media*. Arctic Futures 2050, Washington, DC, USA.

Hyatt Hawkins, K., **Timm, K.**, Tour, M., Alvarez, S., & Kim, S. (2019). *Climate change and health message processing: An eye tracking approach*. DC Health Communication Conference, Washington, DC, USA.

**Timm, K.**, Kettle, N. Trainor, S.F., & Buxbaum, T. (2018). *Transferring skills or building a network? What interviews with trainers reveals about building capacity for actionable climate science*. American Geophysical Union Fall Meeting, Washington, DC, USA.

**Timm, K.**, Maibach, E.W., Boykoff, M., Broeckelman-Post, M., Myers, T., & Perkins, D. (2017). *False balance in climate change reporting among TV meteorologists*. American Geophysical Union Fall Meeting, New Orleans, LA, USA.

**Timm, K.**, Trainor, S., Taylor, K.M., Sparrow, E.B., & Pettit, E. (2015). *Using climate change risk perception and certainty to organize communication theories and practical approaches*. Conference on Communication and Environment, Boulder, CO, USA.

**Timm, K.** & Fresco, N. (2015). *Using scenarios planning to communicate climate change risks and collaboratively develop adaptation strategies*. Conference on Communication and Environment, Boulder, CO, USA.

**Timm, K.**, Trainor, S., Taylor, K.M., Sparrow, E.B., & Pettit, E. (2014). *Communicating for climate change adaptation: Lessons from a case study with nature-based tour operators*. American Geophysical Union Fall Meeting, San Francisco, CA, USA.

**Timm, K.**, Beedle, M., & Kavanaugh, J. (2012). *Integrating science communication training and public outreach activities into the Juneau Icefield Research Program*. American Geophysical Union Fall Meeting, San Francisco, CA, USA.

**Timm, K.**, Lower, T.A., Sparrow, E.B., & Niles, B.A. (2011). *Determining the best science blogger: Teachers or scientists?* American Geophysical Union Fall Meeting, San Francisco, CA, USA.

**Timm, K.**, Warburton, J., & Larson, A. (2011). *Advancing polar literacy through PolarTREC teacher research experiences*. International Conference on Arctic Social Science, Akureyri, Iceland.

### ***Conference Sessions Chaired***

- Roop, H., **Timm, K.**, Illingsworth, S., & Kushwaha, P. (2020). Science and Society: Science Communication Practice, Research, and Reflection. American Geophysical Union Fall Meeting.
- Smieszek, G., Holmen, K., Badhe, R., Busch, K., Crump, J., Jäger, J., **Timm, K.**, & Ween, G.B. (2020). Knowledge-based development in the Arctic. Arctic Frontiers, Tromsø, Norway.
- Roop, H., Illingsworth, S., **Timm, K.**, & Cook, J. (2019). Science to Action: Communication of Science-Practice, Research, and Reflection. American Geophysical Union Fall Meeting, San Francisco, CA, USA.
- Timm, K.** (2019). When Ice Becomes Water: Environmental Communication Within and Outside a Rapidly Changing Arctic. Conference on Communication and Environment, Vancouver, BC, Canada.
- Timm, K.**, Roop, H., Weeks, J., & Witte, J. (2018). Science in the news: Innovative research and programs to improve the quality and quantity of science journalism. American Geophysical Union Fall Meeting, Washington, DC, USA.
- Roop, H., Illingsworth, S., **Timm, K.**, & Hwong, Y. (2018). Communication of Science - Practice, Research and Reflection. American Geophysical Union Fall Meeting, Washington, DC, USA.
- Trainor, S., Sesser, A., York, A., & **Timm, K.** (2015). Communication as a driver of landscape change. American Geophysical Union Fall Meeting, San Francisco, CA, USA.
- Akerlof, K., **Timm, K.**, Neeley, L., & Kotcher, J. (2014). Science communication: Defining a profession at the crossroads. American Geophysical Union Fall Meeting, San Francisco, CA, USA.
- Kotcher, J., Pina, A., Ault, T., Akerlof, K., **Timm, K.**, Betancourt, J. L., & Wee, B. (2014). Key challenges in climate adaptation: Communication, data-intensive approaches to interdisciplinary collaboration, and long-range forecasting of seasonal transitions. American Geophysical Union Fall Meeting, San Francisco, CA, USA.
- Pope, A., Renner, A., **Timm, K.** & Venus, J. (2011). Successes and lessons learned from master teacher volunteer projects & early career scientists. American Geophysical Union Fall Meeting, San Francisco, CA, USA.
- Pauls, M., Hebling, M., Malherbe, R., & **Timm, K.** (2010). Learning together: The impacts of integrating education, outreach, and research in the International Polar Year. International Polar Year Oslo Science Conference, Oslo, Norway.

### ***Selected Guest Lectures & Seminar Presentations***

- June 2021                      *Overcoming the Climate Communication Challenge*, Juneau Ice Field Research Program (undergraduate students)

- May 2021, 2020, 2019 *How Social & Behavioral Science Can Help Us Understand and Modify Energy-Related Behaviors*, Microgrid Bootcamp, Alaska Center for Energy and Power, UAF (undergraduates)
- July 2017, 2018, 2021 *Using Research to Improve How We Communicate About Climate Change*, Research Experience for Undergraduates, International Arctic Research Center (IARC) (undergraduate)
- April 2021 *Why can't they get it right?! The U.S. media, politics, and climate change*, Media and Politics class, Colorado State University (undergraduates)
- March 2021 *Science Communication as an Organizational Activity: Opportunities, Challenges, and Lessons from Practice*, Science and the Public class, George Mason University (graduate)
- January 2021 *Using the Science of Communication to Improve how we Communicate Science*, Climate Adaptation Action Forum, Environmental Protection Agency Region 10 (environmental professionals)
- February 2020 *Climate Science in the News: How the Fourth National Climate Assessment Was Covered by the U.S. Media*, Life Science Seminar Series, Institute of Arctic Biology, UAF (all levels)
- January 2020 *Improving Climate Change Coverage in the News*, IARC Salon (all levels)
- November 2019 *What Can Successful Communication Look Like in Actionable Science?* Northwest Climate Adaptation Science Center Webinar Series (all levels)
- September 2019 *Overcoming the Climate Communication Challenge*, Juneau High School (high school students)
- June 2019 *Overcoming the Climate Communication Challenge*, Climate Change and My Community workshop (teachers and Indigenous community leaders)
- April 2019 *Using the Science of Communication to Improve How We Communicate Science*, PolarTREC (Teachers & Researchers Exploring & Collaborating) program orientation (K-12 teachers)
- October 2018 *Twitter Thoughts for @IARCAAlaska by @kmftimm*, IARC Salon (all levels)
- April 2016 *Meeting Your Outreach Goals with Strategic Science Communication*, Association of Polar Early Career Scientists professional development webinar series (all levels)
- July 2015 *Considerations for Developing Communication Plans*, Alaska Landscape Conservation Cooperative workshop (resource management professionals)
- September 2014 *Using Research to Improve How We Communicate About Natural Resources*, Natural Resources Management class, Western Colorado University (graduate students)

November 2013 *Using Research to Improve How We Communicate About Climate Change*, IARC seminar series (all career levels)

November 2012 *Graphic Design 101 for Scientists*, Association of Polar Early Career Scientists professional development webinar series (all levels)

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## HONORS & AWARDS

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March 2021 **EPSCoR Travel Grant**  
Award to attend the Univ. of Michigan Institute for Social Research Summer Program Short Workshop in computational social science (virtual).

September 2019 **Arctic Futures 2050 Conference**  
Award to attend international conference focused on improving transdisciplinary collaboration in context of rapid Arctic change.

June 2018 **SESYNC Boundary Spanning Symposium**  
Selected to participate in international symposium focused on bridging divides to accelerate actionable solutions to complex problems at the interface of people and the environment; sponsored by the National Socio-Environmental Synthesis Center (SESYNC).

May 2018 **Joe Witte Special Recognition in Science Communication Leadership**  
Awarded annually by the Department of Communication at George Mason University for leadership in science communication.

August 2017 - May 2018 **Dean's Fellow for Climate Change Communication Research**  
Research fellowship awarded by the Dept. of Communication at George Mason University and the Center for Climate Change Communication for research and academic achievement.

August 2017 **Arctic Change - Global Challenge Leadership Workshop**  
Selected to participate in workshop for emerging leaders in Arctic science and policy; sponsored by the Swedish Foundation for Strategic Environmental Research, the German Marshall Fund of the U.S., and the Arctic Centre.

March 2017 **Communication Challenge Award**  
Awarded annually by the Department of Communication at George Mason University to acknowledge students who have excelled while making academically challenging choices.

August 2016 **Aurora Award: Public Service Campaign**  
Awarded to the University of Alaska Fairbanks and accepted by Kristin Timm for leading outreach, communication, and promotional activities for the 2016 Arctic Science Summit Week. Awarded annually by the Alaska Chapter of the Public Relation Society of America (PRSA) for the best public relations campaigns in Alaska.

- July 2016 **Eugene M. Shoemaker Communication Award**  
Awarded by the U.S. Geological Survey (USGS) for communication products that demonstrate extraordinary effectiveness in communicating complex scientific concepts.
- April 2015 **Legislative Citation**  
Awarded by the Twenty-Ninth Alaska State Legislature in recognition of the Vizzie Award for the Icefield to Ocean outreach poster.
- March 2015 **Vizzie Award - People's Choice - Poster**  
Awarded by the National Science Foundation and Popular Science magazine in recognition of the year's best scientific visualizations.
- June 2011 **Conference Travel Grant**  
Awarded by Alaska EPSCoR to attend the International Conference on Arctic Social Science.
- June 2010 **Conference Travel Grant**  
Awarded by the International Arctic Science Committee to attend the International Polar Year Oslo Science Conference.

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## ACADEMIC SERVICE ACTIVITIES

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- July 2021 – present **Member** of the International Arctic Research Center Strategic Initiatives, including *Branding and Marketing* and *Research with/for/as Education*
- June – August 2021 **Workshop Committee Member** (representing science communication research and outreach) for the Antarctic Subsea Cable Workshop
- September 2020 – present **Newsletter Editor and Media Team Member** for ComSHER (Communicating Science, Health, Environment, and Risk) Division, Association for Education in Journalism and Mass Communication
- July 2020 – present **Science Communication Chair** for the Science and Society Section Executive Committee, American Geophysical Union
- August 2014 – 2016 **Task Force Member** for the Affiliation and Engagement Task Force, American Geophysical Union
- 2010 – 2011 **Advisory Committee Member** for the International Polar Year Lessons Learned Advisory Committee, International Council for Science
- May – October 2012 **Conference Chair**, for the Resilience and Adaptation Program Fall Retreat and Interdisciplinary Research Symposium, University of Alaska Fairbanks

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## OTHER VOLUNTEER ACTIVITIES

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January 2021 – present	<b>FirstGenAK Mentor</b> for Nanook Diversity & Action Center, University of Alaska Fairbanks
August 2015 – present	<b>Recreation Chair</b> for the Tanana Valley State Forest Citizens Advisory Committee
2010 – 2015, 2019	<b>Science Fair Judge</b> , Fairbanks North Star Borough School District
July 2015 – 2016	<b>Volunteer</b> , Inspiring Girls (Formerly Girls on Ice Alaska; gear preparation, logistics support, guest instructor)
2012 – 2015	<b>Volunteer</b> , Juneau Icefield Research Program (outreach and marketing)

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## PROFESSIONAL AFFILIATIONS

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- International Environmental Communication Association (IECA)
- Association for Education in Journalism and Mass Communication (AEJMC)
- American Geophysical Union (AGU)