

# Catherine P. Chambers

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Senior scientist / Research manager  
 Stefansson Arctic Institute / University Centre of the Westfjords  
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## Education

*Ph.D.* University of Alaska Fairbanks (2016) Fisheries  
*M.S.* Southern Illinois University (2008) Zoology  
*B.A.* Drake University (2004) Environmental Science

## Professional Experience

6.2020- present	Stefansson Arctic Institute <b>Senior Scientist</b>	Akureyri, Iceland
6.2020- present	University Centre of the Westfjords <b>Research Manager</b>	Ísafjörður, Iceland
9.2016-6.2020	University Centre of the Westfjords <b>Program Director</b> Coastal and Marine Management Masters Program	Ísafjörður, Iceland
1.2019- 8.2019	University Centre of the Westfjords <b>Interim Program Director</b> Coastal Communities and Regional Development Masters Program	Ísafjörður, Iceland
11.2018- 6.2020	Stefansson Arctic Institute <b>Researcher</b>	Akureyri, Iceland
5.2016- 11.2018	Stefansson Arctic Institute <b>Associate Scientist</b>	Akureyri, Iceland
9.2011-12.2016	Blönduós Centre of Research and Collaboration /Hólar University College <b>Research Specialist</b> in Coastal Cultures, Department of Aquaculture and Fisheries Biology	Blönduós, Iceland
8.2009-5.2016	University of Alaska Fairbanks <b>Graduate Research Assistant</b> supervised by Dr. Courtney Carothers	Fairbanks, AK
	<ul style="list-style-type: none"> <li>Dissertation title: Fisheries management and fishing livelihoods in Iceland</li> </ul>	
6.2010-8.2010	Sea Ice Exhibition Centre <b>Oral History Project Intern</b> supervised by Dr. Guðrún Helgadóttir	Blönduós, Iceland
1.2009-7.2009	Hólar University College <b>Aquatic Biology Laboratory Technician</b>	Sauðárkrókur, Iceland
4.2005-8.2008	Southern Illinois University Department of Zoology <b>Graduate Research Assistant</b> supervised by Dr. Matt R. Whiles	Carbondale, IL
	<ul style="list-style-type: none"> <li>Thesis title: Potential impacts of transgenic crop residues on macroinvertebrate communities in agricultural streams</li> </ul>	
5.2008-8.2008	Southern Illinois University Department of Zoology <b>Amphibian Survey Technician</b>	Carbondale, IL
6.2004- 9.2004	Student Conservation Association/USGS <b>Aquatic Biology Field Research Assistant</b>	Port Angeles/Seattle, WA
8.2003-5.2004	Drake University Environmental Science and Policy Department <b>Undergraduate Research Assistant</b>	Des Moines, IA
2.2004-5.2004	Drake University Biodiversity Center <b>Prairie Rescue and Restoration Internship</b>	Des Moines, IA
12.2003-2.2004	International Wolf Center <b>Research Assistant</b>	Ely, MN

**Teaching Experience**

2017-present	University Centre of the Westfjords Coastal and Marine Management <b>Instructor, Applied Methodology and Research Ethics (CMM 24)</b>	Ísafjörður, Iceland
2017-present	SIT Study Abroad Program <b>Instructor, Social science methods</b>	Ísafjörður, Iceland
2019, 2021	University Centre of the Westfjords Coastal and Marine Management <b>Instructor, Maritime Anthropology (CMM 21)</b>	Ísafjörður, Iceland
2017-19	University Centre of the Westfjords Coastal and Marine Management <b>Instructor, Fall seminar (CMM 50)</b>	Ísafjörður, Iceland
2018-19	University Centre of the Westfjords Coastal and Marine Management <b>Instructor, Teaching experience seminar (CMM 51)</b>	Ísafjörður, Iceland
2016	University Centre of the Westfjords Coastal and Marine Management <b>Co-instructor, Applied Methodology (CMM 24)</b>	Ísafjörður, Iceland
2011, 2012	Hólar University College Rural Tourism Department <b>Instructor, Environmental Studies (UMHV 1406)</b>	Hólar, Iceland
10.2011-11.2011	Hólar University College Rural Tourism Department <b>Guest Lecturer, Research Methods and Design</b>	Hólar, Iceland
1.2008-5.2008	Southern Illinois University Department of Zoology <b>Teaching Assistant, General Biology (ZOOL 115)</b>	Carbondale, IL
8.2007-12.2007	Southern Illinois University Department of Zoology <b>Teaching Assistant, Freshwater Invertebrates (ZOOL 414)</b>	Carbondale, IL
8.2005-5.2007	Southern Illinois University Department of Zoology <b>Teaching Assistant, Conservation of Natural Resources (ZOOL 312i)</b>	Carbondale, IL
8.2003-12.2003	Drake University Environmental Science and Policy Department <b>Undergraduate Teaching Assistant, One Earth (ENV 035)</b>	Des Moines, IA

**Publications**

Citation index: <https://scholar.google.is/citations?user=rp2xpQoAAAAJ&hl=en&oi=ao>

ORCID ID: 000-0002-3465-0808

- Gómez, S., Patraca, B., Zoghbi, J., Ariza, E., Wilke, M., Smaradóttir, S., Einarsson, N., Huijbens, E., **Chambers, C.** (in press 2024). Exploring social media as a tool for disentangling cultural ecosystem service values of whale watching to inform environmental judgments and ethics: The case of Húsavík, Iceland. *Journal of Ecotourism*.
- Nicole Sühling, **Catherine Chambers**, Torben Koenigk, Tim Kruschke, Niels Einarsson & A. E. J. Ogilvie (2023) Effects of storms on fisheries and aquaculture: An Icelandic case study on climate change adaptation, Arctic, Antarctic, and Alpine Research, 55:1, DOI: [10.1080/15230430.2023.2269689](https://doi.org/10.1080/15230430.2023.2269689)
- Lebedef, E.A., **Chambers, C.** (2023). Youth and newcomers in Icelandic fisheries: opportunities and obstacles. *Maritime Studies* 22, 34 <https://doi.org/10.1007/s40152-023-00326-0>
- Haarr, M. L., Bach, L., **Chambers, C. P.**, Falk-Andersson, J., Juul-Pedersen, T., Metcalfe, R. d'Arcy, Sinisalo, A., Strand, J., Svendsen, H., Baak, J. E., Björnsdóttir, H. H., Brenner, E. M. K., Christiansen, S., Delattre, C., Gauthier, M., Georgiou, R. H., Günther, L., Hägg, F., Markussen, U., ... Wittwer, L. (2023). Beach litter sources around Nuuk, Greenland: An analysis by UArctic summer school graduate course students. *Marine Pollution Bulletin*, 191, 114914. <https://doi.org/10.1016/j.marpolbul.2023.114914>
- Kebir, Z., **Chambers, C.**, Frainier, A., Hausner, V., Lennert, A.E., Lento, J., Poste, A., Ravolainen, V., Renner, A.H.H., Thomas, D.N., & Waylen, K. (2023) Fifteen research needs for understanding climate change impacts on ecosystems and society in the Norwegian High North. *Ambio* <https://doi.org/10.1007/s13280-023-01882-9>
- Wang, S.I. & **Chambers, C.** (2023). Environmental compliance and practices of cruise ships, in Ísafjörður, Iceland. *Tourism in Marine Environments* 17: 4. Pp231-248. 248. <https://doi.org/10.3727/154427322X16686727533114>

- Cook D, Jóhannsdóttir L, Kendall S, **Chambers C**, Latapí M. (2023) COVID-19 and Well-Being in Remote Coastal Communities—A Case Study from Iceland. *Sustainability*. 15(1):332. <https://doi.org/10.3390/su15010332>
- Jóhannsdóttir L, Cook D, Kendall S, Latapí M, **Chambers C**. (2022) Human Resource Management and Institutional Resilience during the COVID-19 Pandemic—A Case Study from the Westfjords of Iceland. *Sustainability*. 14(24):16988. <https://doi.org/10.3390/su142416988>
- DeVries, A., Lusher, A., Carlsson, P., Pólsdóttir, J., Hammer, S., **Chambers, C**. (2022) Microplastics in cod stomachs: Methods for laboratories in rural communities. *TemaNord* 2022:253. <http://dx.doi.org/10.6027/temanord2022-532>
- Chambers, C**, Henke, T., Cook, D., Costa-Pierce, B., Einarsson, N., Kaiser, B., Knutsson, Ö., Nazarova, N., & Sutton, T. (2021) Arctic Fisheries and Aquaculture. In *Renewable Economies in the Arctic: A State of Knowledge*.
- Weis, K, **Chambers, C**, and Holladay, P. (2021) Social-ecological resilience and community-based tourism in the Commonwealth of Dominica. *Tourism Geographies* 23:3.
- Chambers, C.**, Cook, D., Einarsson, N., Flora, F., King, L., Malinauskaitė, L., Ogilvie, A. & Wilson, M. (2020). “Small science”: Community engagement and local research in an era of big science agendas. In *Nordic Perspectives on Responsible Development of the Arctic*. D. Nord (Ed)
- Þorbjörnsson, JG, Ólafsdóttir, JH, Kristjánsson, BK, **Chambers, C**, and Burns, GL. (2020) Recreational scuba diving in a groundwater ecosystem: disturbance mechanisms, ecological impacts and stakeholder perceptions. *Aquatic Conservation: Marine and Freshwater Ecosystems*. DOI: 10.1002/aqc.3308
- Chambers, C.**, Einarsson, N., and Karlsdóttir, A. (2020) Small-scale fisheries in Iceland: Local voices and global complexities. In *Small Scale Fisheries in Europe*. C. Pita, J. Pascuel and M. Bavinck (Eds.) Amsterdam: Springer.
- Weis, K., **Chambers, C.**, and Holladay, P.J. (2018) Tourism in The Coastal Zone: Livelihoods and Opportunity for Youth in Dominica. In *Towards Coastal Resilience and Sustainability*. Heidkamp, C. P. and Morrissey, J.E. (Eds.) Dynamics of Economic Space Series, Routledge.
- Gerrity, B., Phillips, M.R., and **Chambers, C**. (2018). Applying a coastal vulnerability index to San Mateo County: implications for shoreline management. *Journal of Coastal Research* 85: 21-25
- Truter, A., **Chambers, C.**, and Alley, J. (2017) Tourism governance for the coastal zone: Reynisfjara Beach, Iceland. *Regions Magazine*. 308:4.
- Chambers, C.**, Helgadóttir, G., and Carothers, C (2017). Little kings: Community, change and conflict in Icelandic fisheries. *Maritime Studies* 16:10.
- Chambers, C.P.** and M. Kokorsch (2017). Viewpoint: The social dimension in Icelandic fisheries governance. *Coastal Management* 45: 4, 1-8.
- Chambers, C.P.** (2016) Iceland’s experience: coastal fishing and community quota. In *Fisheries Access for Alaska- Charting the Future: Workshop proceedings*. <https://seagrant.uaf.edu/bookstore/pubs/AK-SG-16-02.html>
- Chambers, C.P.** and C. Carothers (2017) Thirty years after privatization: A survey of Icelandic small boat fishermen. *Marine Policy*. 10.1016/j.marpol.2016.02.026
- Smith, J.G. and **C.P. Chambers** (2015) Where are all the fish? Local fish networks in the Westfjords of Iceland. *Environment, Space, Place*. 7(2): 15-40.
- Chambers, C.P.**, C.D. Lyons, M.L. Drukenmiller, C. Goldberg, & E. Koepf (2013) Sustainability Stew: A recipe for teaching concepts of sustainability in the classroom. *Journal of Sustainability Education* 5 (May).
- Carothers, C.L., K. Criddle, C.P. **Chambers**, P.J. Cullenberg, J. Fall, A. Himes, J.P. Johnsen, N. Kimball, C. Menzies, and E.S. Springer (eds) (2012) *Fishing People of the North: Cultures, Economies, and Management Responding to Change*. Alaska Sea Grant, University of Alaska Fairbanks
- Carothers, C., and **Chambers, C**. (2012) Fisheries privatization and the remaking of fishery systems. *Environment and Society: Advances in Research* 3: 39–59.
- Chambers, C.P.**, M. R. Whiles, E.J. Rosi-Marshall, J. L. Tank, T. V. Royer, N. A. Griffiths, M. A. Evans-White, & A. Stojak (2010) Responses of stream macroinvertebrates to Bt maize leaf detritus. *Ecological Applications* 20(7): 1949-1960

- Griffiths, N.A., J.L. Tank, T. V. Royer, E.J. Rosi-Marshall, M.R. Whiles, **C.P. Chambers**, T. Frauendorf, & M. Evans-White (2009) Rapid decomposition of maize detritus in agricultural headwater streams. *Ecological Applications* 19: 133-142
- Rosi-Marshall, E.J., J.L. Tank, T.V. Royer, M.R. Whiles, M. Evans-White, **C.P. Chambers**, N.A. Griffiths, J. Pokelsek, & M.L. Stephen (2007) Toxins in transgenic crop byproducts may affect headwater stream ecosystems. *Proceedings of the National Academy of Sciences*. 104(41): 16204-8

### **Conferences, Invited Lectures and Community Presentations**

- Chambers, C (2023) “Youth and Newcomers in Icelandic small-boat fisheries.” Arctic Circle Assembly. Reykjavík, Oct 19-21
- Chambers, C (2023) “Reflections on fisheries management in Iceland.” Community meeting of small-boat fishers, invited oral speech. October 6.
- Chambers, C (2023) “Justice and equity in Icelandic small-boat fisheries.” Icelandic Social Science Conference. Akureyri, June 1-3.
- Smáradóttir, S., & Chambers, C. (2023) Réttlæti og sjálfbær þróun á Norðurslóðum. Community outreach lecture. Húsavík, 1 June.
- Chambers, C (2022) „Aftakaveður og áhrif þess á sjávarútvegs- og strandsamfélög. Visindaport community lecture. 9 dec.
- Chambers, C (2022) “Justice and equity in Icelandic small-boat fisheries.” Soda and science community outreach event, Patreksfjörður, Nov 6.
- Chambers, C (2022) “Justice and equity in Icelandic small-boat fisheries.” Sjávarútvegsskólinn Ungfólkssins, Ísafjörður. June 7.
- Kaiser, B & Chambers, C. (2022) Ocean Food Systems Thematic Network. UArctic Thematic Networks meeting. Edinburgh, 12-13 May.
- Chambers, C (2022) „Aftakaveður og áhrif þess á sjávarútvegs- og strandsamfélög. Vísindanefndar um loftslagsbreytingar, Málstofa 5 – Samfélag og samfélagslegir innviðir. 22 mars.
- Chambers, C. (2021). “Icelandic fisheries: Migrations and movements, fisheries governance” Arctic Winter College. Feb 9<sup>th</sup>, online.
- Chambers, C. (2021). “Interdisciplinary Research for the Future of Small-Scale Fisheries.” FAO Future Food Earth Day talks, online.
- Chambers, C. & Einarsson, N. (2020). “The Humans: Reflections on Icelanders and Arctic Research in the Anthropocene.” Iceland Arctic Talks +50years. Nov 5.
- Chambers, C. (2019) “Equitable governance in Icelandic fisheries and aquaculture.” Dalhousie University Marine Affairs Lecture Series, Invited talk. November 19.
- Chambers, C. (2019) “Equitable governance in Icelandic fisheries and aquaculture.” Memorial University Grenfell Campus Lecture Series, Invited talk. November 15.
- Chambers, C. (2019) “Multiple goals in fisheries management: a case study of the Icelandic lumpfish fishery.” Arctic Frost Early Career researcher meeting and conference. October 16-18.
- Chambers, C. (2019) “Good Marine Governance: Social Aspects of Fisheries and Aquaculture.” Arctic Circle Assembly. October 10-12.
- Chambers, C. (2019) Good Ocean Governance in Fisheries and Aquaculture: Examples from Iceland.” Guest lecture at the FFI/FAO summer school, Þingeyri, Iceland, Sep 9.
- Chambers, C. (2019) “Equitable development of aquaculture in Iceland.” RSA Research Network Sustainability in the Coastal Zone annual meeting, April 12-13.
- Chambers, C. (2018) “Fisheries and aquaculture in the Arctic.” UArctic Congress, Oulu Finland. Session convener.
- Chambers, C. (2018) “Social Indicators in Fisheries.” Annual Meeting of University of Iceland Research Centres, Bolungarvík, Iceland, 11 April. Oral presentation.
- Chambers, C. (2017) “Education in aquaculture for the strengthening of coastal communities.” Strandbúnaður, Reykjavík, Iceland, 13-14 March. Oral presentation.
- Chambers, C. (2016) “Job satisfaction in Icelandic small-boat fisheries.” Nordic Ruralities Conference, Akureyri, Iceland, 22-24 May. Oral presentation.
- Chambers, C. (2016) “Iceland’s community quota program and quota-free fishery.” Sea Grant Workshop Fisheries Access for Alaska—Charting the Future, Juneau, AK, 12-13 Jan. Invited oral presentation.

- Chambers, C. (2015) "The Icelandic lumpfish fishery as a case study illustrating the multiple goals of fisheries management." Arctic-FROST Annual meeting and early career scholar workshop, St Petersburg, Russia, 15-17 Aug. Oral presentation.
- Chambers, C., N. Einarsson, and A. Karlsdottir (2015) "Icelandic small-scale fisheries: Local voices and global complexities." MARE, Amsterdam, 24-26 June. Oral presentation.
- Chambers, C. and J. Smith (2015) "Where are all the fish? Local fish networks in the Westfjords of Iceland" MARE, Amsterdam, 24-26 June. Oral presentation.
- Chambers, C. and C. Carothers (2014) "Thirty years after privatization: Opportunities and constraints in fishing livelihoods in Iceland." 2nd World Small Scale Fisheries Congress, Merida, Mexico, 21-25 Sept. Oral presentation.
- Chambers, C. (2014) "Small-scale fisheries in Iceland: Managing for livelihoods." UAF Arctic day, 11 Nov. Poster presentation.
- Chambers, C. (2014) "The Socio-ecological system of Icelandic small-scale fisheries" Holar University College Seminar Series, Nov 20. Invited oral presentation.
- Chambers, C. (2013) "Small-scale fishing livelihoods and fisheries management: Overview from Iceland and Alaska." ESSAS Annual Science Meeting, Hakodate, Japan. 7-9 Jan.
- Chambers, C. (2012) "Fishing livelihoods and fisheries management in Northwest Iceland." Invited briefing at the US Embassy, Reykjavik, Iceland.
- Chambers, C. (2012) "Fishing livelihoods and fisheries management in Northwest Iceland." Invited talk at the Reykjavik Rotary Club.
- Carlile, J., C. Chambers, & K. Tryselius (2012) "Marine Tourism Development in Húnaflói." Íslensk þjóðfélagsfræði ráðstefna, Háskólagangur á Akureyri, 20-21. apríl
- Chambers, C. (2012) "Fishing livelihoods and culturally-appropriate fisheries management in North Iceland." IGERT Poster and video competition, Washington DC, Jun 1-3.
- Chambers, C.P. & C. Carothers (2011) Oral History of Fisheries in Alutiiq Communities in Kodiak, Alaska. 7<sup>th</sup> International Congress of Arctic Social Sciences, 22-26 June. Akureyri, Iceland. Oral presentation.
- Chambers, C.P. & C. Carothers (2011) Oral History of Fisheries in Alutiiq Communities. Kodiak Area Marine Science Symposium, 9-13 April. Kodiak, Alaska. Poster presentation.
- Chambers, C.P. & C. Carothers (2011) Oral History of Fisheries and Today's Alutiiq Communities in Kodiak, Alaska. Society for Applied Anthropology 71<sup>st</sup> Annual Meeting, 28 March- 2 April. Seattle, Washington. Oral presentation.
- Chambers, C.P. & C. Carothers (2011) Transitioning marine-dependent livelihoods. Polar IGERT conference, "Understanding Rapid Environmental and Social Change in the Arctic: Bridging Traditional Knowledge and Interdisciplinary Science across IGERTs," 22-24 Mar. Juneau, Alaska. Poster presentation.
- Chambers, C.P. & C. Carothers (2011) Fish as food: From pallet to plate to palate. Alaska Anthropological Association 38<sup>th</sup> Annual Conference, Mar 9-12. Fairbanks, Alaska. Oral presentation.
- Chambers, C.P. & C. Carothers (2010) Transitioning marine-dependent communities in Northern Iceland. Alaska Sea Grant 26<sup>th</sup> Annual Wakefield Symposium, Nov 8-11. Anchorage, Alaska. Poster presentation.
- Chambers, C.P. (2010) Considerations of knowledge and time: Exploring sea ice oral history from Iceland. American Fisheries Society: Alaska Chapter, Nov 2-5. Juneau, Alaska. Oral presentation.
- Chambers, C.P. (2010) When the sea ice came: Memories of sea ice in Húnaflói Bay. Sea Ice Exhibition Centre, Blönduós, Iceland. Aug 17. Oral presentation and film exhibition.
- Chambers, C.P. (2010) Alaska natives and sea ice: Stories from a changing world. Húnavaka Community Festival, Blönduós, Iceland. Jul 11. Invited oral presentation.
- Peterson M.J., Chambers, C.P., Lyons, C.D., Blevins, R.E. (2010) An interdisciplinary investigation of clam populations and harvests in Kachemak Bay over time. Alaska Marine Science Symposium, Jan 18-22. Anchorage, AK. Poster presentation.
- Chambers, C.P. & C. Carothers (2009) Defining sustainability for Icelandic fishing communities. Conference for Sustainability IGERT's Tempe, AZ. Oct 8-10. Poster presentation.

- Chambers, C.P. (2009) Assessing the impacts of transgenic Bt corn detritus on macroinvertebrate communities in agricultural streams. Hólar University Seminar Series, Feb 20. Sauðárkrúkur, Iceland. Invited oral presentation.
- Chambers, C.P., M.R. Whiles, N.A. Griffiths, M.A. Evans-White, E.J. Rosi-Marshall, J.L. Tank, and T.V. Royer. (2007) Assessing the impacts of transgenic Bt corn detritus on macroinvertebrate communities in agricultural streams. North American Benthological Society, June 3-7. Columbia, South Carolina. Oral presentation.
- Pokelsek, J. and C.P. Chambers. (2006) Corn pollen as a novel food resource for filtering caddisflies in Midwestern agricultural streams. North American Benthological Society, June 4-9. Anchorage, Alaska. Poster presentation.

### **Grants and project experience**

- Sea of Ideas innovation grant, Westfjords Regional Development Agency (2024) “Distribution and Trends of the Atlantic Rock Crab (*Cancer irroratus*) in the Nearshore Waters of the Northerly Westfjords” Supervisor for student project (Alexis Bradley)
- Development grant for immigrant affairs (2023-2024). “Víslenku/Scicelandic: Icelandic language course for scientists.” PI.
- IASC SHWG (2023) “Workshop with small-scale fishers on emerging crab fisheries.” project supporter and workshop chair.
- Creative Europe Agreement 101100068 (2023-2025) Basque: Joint Basque cultural heritage in Iceland, Spain and France revitalized by sustainable means. Project partner.
- Energy research grant, Landsvirkjun. (2022-2023) “Social aspects of energy transitions in Icelandic small-boat fisheries.” PI.
- Westfjords development grant (2022-2023) “SeaGirls exhibition”. PI.
- Horizon Europe 101058956 (2022-2025). “MarineSABRES: Systems Approaches for Biodiversity Resilience and Ecosystem Sustainability.” Senior researcher.
- Student Innovation Grant, Rannís. (2022) Carina Burroughs and Ruby deWit, supervisor, “Sea Girls.”
- UArctic Summer School (2022). “UArctic Arctic Plastics School, Greenland Summer School.” Co-PI and lecturer.
- Horizon 2020 H2020-LC-CLA-2018-2019-2020. (2020-2023) “JUSTNORTH: Toward Just, Ethical and Sustainable Arctic Economies, Environments and Societies.” Case study co-PI.
- University of Tromsø Arctic Education Grant (2020). “UArctic Arctic Aquaculture Education.” Co-PI.
- CARBON: Art of Science / Science of Art. Ísafjarðabær municipality cultural grant (2020). Project co-lead.
- Student Innovation Grant, Rannís. (2020) “Gildi kríuvarpa fyrir æðabændur og æðadúnsrækt.” Co-advisor of two masters student with Freydis Vigfusdóttir.
- Nordic Council of Ministers Oceans and Coastal Working Group. (2019-2021) “SUS-CULT: Sustainable Culture of Seaweed.” Project partner.
- NSF Research Coordination Network (2019). “Migration in Harmony.” Project partner.
- Ocean Frontiers Institute International Fellowship award (2019) “Equitable governance in Icelandic aquaculture.”
- NSF Arctic-FROST Early career scholar travel award (2019) Annual meeting and early career scholars workshop. Cedar Falls, Iowa.
- Arctic Climate Predictions: Pathways to Resilient, Sustainable Societies (ARCPATH), NordForsk Nordic Centre of Excellence in Arctic Research (2017-2022). Researcher.
- Nordic Council of Ministers Oceans and Coastal Working Group. “FINPlast: Plastics in commercial fish stocks in Iceland, Norway, and Faroe Islands.” (2019-2020). PI.
- Regional Studies Association Research Network Sustainability in the Coastal Zone (2016-2019) Co-PI.
- NSF Arctic-FROST Early career scholar travel award (2015) Annual meeting and early career scholars workshop. St. Petersburg, Russia.
- American Anthropological Association “Anthropology and Environment Society” Junior Scholar Prize 2013 runner-up.
- US NSF (National Science Foundation) Arctic Social Sciences Doctoral Dissertation Improvement Grant # 1304681 "Fishing livelihoods and fisheries management in Northwest Iceland."

Icelandic Ministry of Fisheries and Agriculture (2012) “Fish as a resource for tourism development in coastal communities – a case study of the Húnaflói region in north west Iceland.”  
William J. Fulbright Student Scholarship to Iceland (2011-2012)  
EPSCoR Travel Award (2011) ICASS VII Conference. Akureyri, Iceland  
Leifur Eiríksson Foundation Scholarship (2011) 25,000 USD  
University of Alaska Fairbanks Graduate Student Fellowship (2011)  
MESAS IGERT Graduate Fellowship (2009, 2013)  
BOREAS/NSF Student Travel Award (2009) “Environments, Movements, Narratives in the Circumpolar North” BOREAS Final Conference. Rovaniemi, Finland

### **Professional Service, Membership and Consultancy**

Peer-reviewer for major journals

International Arctic Science Committee (IASC) Social and Human Working Group (SHWG) chair (2023-present)

Member, Iceland committee for Arctic Affairs. Appointed by the Icelandic Minister for the Environment (2021-2025)

UArctic Thematic Network member: Arctic Marine Plastics (2019-present)

UArctic Thematic Network vice-chair: Ocean Food Systems (2020-present)

UArctic representative, University Centre of the Westfjords (2018-present)

Director Q&A moderator (2023). Screening of the documentary “Skuld” about Icelandic small scale fisheries, in celebration of World Fisheries Day. Nov 21.

Consultant, “Auðlindin Okkar” Icelandic Ministry of Fisheries and Aquaculture policy formation project. (2022-2023)

Invited participant Gender Equality in the Arctic Phase IV Workshop of Gender and Disaggregated data in the Arctic region. 15-16 March 2023.

Arctic Migrations meeting and priority setting workshop (NSF funded) 14-15 April 2023.

IASC SHWG co-vice-chair (2021-2023)

Akvahub Seaweed cultivation network (2021-2023)

Representative of the Arctic Council SDWG to the PAME Regional Action Plan on Arctic Marine Litter (2020-2021)

UArctic Thematic Network lead: Fisheries and Aquaculture in the Arctic (2018-2019)

Peer-reviewer for IPCC special report on Ocean and Cryosphere in a Changing Climate (2018)

Thesis quality review committee, Coastal and Marine Management Program, University Centre of the Westfjords (2016)

Research grant peer reviewer, North Pacific Research Board (2016)

IPBES Nordic Project: Indigenous and Local Knowledge workshop scoping committee (2015)

North Atlantic Forum (NAF) 2013 Conference Planning Committee (2012-2013)

International Arctic Social Science Association Student Member (2011-present)

IGERT Conference Planning Committee: “Understanding Rapid Environmental and Social Change in the Arctic: Bridging Traditional Knowledge and Interdisciplinary Science across IGERTs” (2011)

Alaska Sea Grant 27<sup>th</sup> Wakefield Symposium Planning and Abstract Review Committee (2010-2011)

MESAS Undergraduate Student Mentor (2010-2011)

Fisheries Social Science Journal Club (Co-Founder), University of Alaska Fairbanks (2010-2011)

American Fisheries Society, Alaska Chapter Student Member (2010-present)

Society for Applied Anthropology Student Member (2010-present)

MESAS Steering Committee Student Representative (2009-2011)

Southern Illinois University Zoology Graduate Student Association, Seminar Committee (2005-2008)

Aquatic Ecology Discussion Group (Moderator), Southern Illinois University (2006-2008)

North American Benthological Society Student Member (2005-2008)



## **Student Supervision**

- Hjörleifur Finnsson, co-advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2021. "Management of the invasive pink salmon in Iceland."
- Martyn Jones, co-advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2021. "Seaweed Kombucha: Innovation for coastal communities."
- Elena Lebedef, primary advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2021. "Youth and newcomers in Icelandic Fisheries."
- Sheng Ing-Wang, primary advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2020. "Cruise ship environmental compliance in the port of Ísafjörður."
- Eliza Morin, co-advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2020. "Eider farming and perceptions of sustainability."
- Kristin Weiss, co-advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2018. "Socioeconomic Resilience and the Role of Tourism in Dominica."
- Haley Aumiller, external evaluator, MS, University of Iceland, 2018. "The Relationship Between Tourism and the Marine Environment: A Case Study of Eyjafjörður, Iceland."
- Anika Truter, co-advisor, MRM (Master of Resource Management), University Centre of the Westfjords, 2017. "Management options for Reynisfjara Beach."
- Inga Rut Hjartardóttir, primary advisor, B.S. University of Akureyri, 2016. "Ávinningur landsbyggðarinnar af strandveiðum (The benefits of the coastal fishing season to rural communities)."
- Jóhann Garðar Þorbjörnsson, committee member, M.S., Hólar University College, 2015. "Anthropogenic Impacts of SCUBA Divers in the Silfra Freshwater Fissure: Ecological Disturbance and Management Protocols."
- Aris Thomasberger, external evaluator, MRM (Master of Resource Management), University Centre of the Westfjords, 2015. "The Exploitation versus Conservation Dilemma: Preparative Research towards a Comprehensive and Extensive Environmental & Social Impact Assessment – Koh Rong Archipelago, Cambodia."
- Mette Kjellerup Schiønning, external evaluator, MRM (Master of Resource Management), University Centre of the Westfjords, 2015. "Is it Possible to Demonstrate That Shark Diving Can Become More Profitable Than Shark Fishing? Identifying Economic Values and Trends in the Fishing and Diving Industries of Southern Thailand."
- Jennifer Smith, primary advisor. MRM (Master of Resource Management), University Centre of the Westfjords, 2014. "Where Are All The Fish? A Political Ecology Analysis of Local Fish Networks and the Gift Economy in the Westfjords of Iceland."
- Hildur Elvarsdóttir, external evaluator, MRM (Master of Resource Management), University Centre of the Westfjords, 2013. "An approach towards sustainable coastal tourism management: nature-based tourism in Nuup Kangerlua, Greenland."
- Maik Brötzmann, external evaluator, MRM (Master of Resource Management), University Centre of the Westfjords, 2013. "Arctic and subarctic gateways for private nautical tourism: a feasibility study for marina development in Ísafjörður, Iceland."

## **Public Service and Outreach**

- Board Member and vice chair, Ísafjarðabær Municipality Harbor Committee (2022-present)
- Board Member, Natural Science Institute of the Westfjords (2022-present)
- Board Member appointed by the US Embassy to Iceland, Fulbright Commission Iceland (2021- present)
- Board Member, Research and Innovation Fund of West Barðastrand Municipality (2019-present)
- Chair, Westfjords Research Society (2018-present)
- Representative to the town council education committee, Municipality of Ísafjörður (2018-2019)
- Hornstrandir beach cleanup citizen group (2018-2019)
- Húnaflói Bay Outreach Group (2012-2016)
- "Soup and Science" with local elementary school, Blönduós, Iceland (2013-2016)
- Fairbanks Area Home School Science Fair Judge (2010)
- Southern Illinois Sierra Club Water Advocacy Intern (2008)
- Alpha Phi Sorority (President), Drake University (2004)
- Drake University Environmental Action League (2000-2004)



## Media

Interviewed in “Into the Oceanic” premiered at COP26 (2021)

Interviewed in “The Price of Fish” documentary. (2020)

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James Brooks, Kodiak Daily Mirror. 2011. New study will study fisheries’ impacts on Kodiak.

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Wes Hanna, Kodiak Daily Mirror. 2011. UAF student to study fishermen in Kodiak, Iceland.

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Chambers, C.P. (Director). 2010. When the sea ice came: Memories of sea ice in Húnaflói Bay.

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Chambers, C.P. 2010. Say what you mean and mean what you say: Why what we say is important in

fisheries. Newspaper article, Anchorage Daily News, Anchorage, AK (<http://community.adn.com/adn/node/152038>)