Aviâja Lyberth Hauptmann, PhD

Associate Professor, Founder, and Head of SILA Department, Ilisimatusarfik
Assistant Professor (25%), Globe Institute, University of Copenhagen

Member, Royal Danish Academy of Sciences and Letters – Young Academy
Member, Microbes and Social Equity Board of Directors
Fellow, CIFAR

alha@uni.gl

Education: Through founding the SILA Bachelor in Biology program and Department I have demonstrated radical innovation, leadership ability, and institutional entrepreneurship as well as the ability to translate ideas into lasting structures. SILA is built on my vision for an interdisciplinary biology program grounded in the specific context of the Arctic. Over the past ten years I have conceptualized, communicated, and advocated for this vision, secured funding, built institutional support, and led the development and implementation of the program. Today, I am responsible for curriculum innovation, teaching, and daily leadership.

Research: My research is at the intersections of microbiomes, Inuit food systems, Indigenous food sovereignty and health. It combines microbiology, genomics, food studies and Indigenous community-based approaches to investigate traditional Greenlandic diets, Inuit fermented foods, Arctic environmental exposures and human gut microbiota. Recent research includes studies on dietary transitions in Greenland, microbiota in hunted and fermented foods, antibiotic resistance in Arctic gut microbiomes, and food sovereignty. I work with a high degree of independence, which has resulted in an understanding and core competencies across the entire research process from funding through analysis to publication.

Impact: I believe in the importance of doing impactful research by creating connections between research and society with relevant ideas and visibility. My public outreach profile was initiated through seven years of blogging on the Danish Engineers' homepage. I have more than 35 invited international talks and keynote lectures across Europe and North America, including Stanford, CIFAR, the Novo Nordisk Foundation, University of California, and the University of Illinois. My outreach spans conferences, policy forums, documentaries, television, radio and podcasts, with appearances in Nature, BBC, National Geographic, and over 10 podcasts and major media features focused on science, food and Arctic futures. Today, I have more than 4000 followers on social media focusing on food sovereignty, microbiome research and Indigenous STEM education.

Education

April 2017	PhD, DTU Bioinformatics, Technical University of Denmark.
December 2012	MSc. in general biology, University of Copenhagen, Faculty of Science.
2010	BSc. in general biology, University of Copenhagen, Faculty of Science

Work Experience and Leave

Mar 2023 –	25% assistant professor Globe Institute, University of Copenhagen
Mar 2024 –	Associate professor and Head of SILA Department, Ilisimatusarfik
Oct 2020 – Sep 2022	International postdoc at University of California Davis, funded by the Carlsberg Foundation
Feb 2020 – Sept 2020	Assistant professor at Ilisimatusarfik. Project leader Inaarsaavik-mentorship initiative for Ilisimatusarfik master's students
Maternity leave	May 2018 – Dec 2018
May 2017 – Nov 2019	The Greenland Diet Revolution - Postdoctoral researcher and project leader at Ilisimatusarfik, on microorganisms from traditional Greenlandic foods. Project manager on research project at University of Copenhagen on Inuit gut microbiota
Feb 2017 – May 2017	Project manager at University of Greenland, Ilisimatusarfik, leading the InnoLab/FoodLab project on increasing innovation activities between the Greenlandic industry, scientific community and the public
Maternity leave	Apr 2015 – May 2016
2013-2016	Ph.D. student in microbial ecology and bioinformatics at DTU Bioinformatics, Technical University of Denmark.
2014-2015	External stay at Lawrence Berkeley National Laboratory, Berkeley, CA, and Pacific Northwest National Laboratory, Richland, Washington, USA
2015-2016	Co-founded the first biotechnological company in Greenland, ColdZymes
2014	Founded AL Hauptmann, a company relating to participation in public debates and public speaking and writing about subjects relating to Greenland because of the blog on the Danish engineer's homepage www.Ing.dk/blogs/groenlandsbloggen
2010-2011	Freelance translator from Danish to English and professional speaker of Greenlandic for language software for the company EuroTalk, UK and for Greenland.com
2009-2012	Project assistant in governmental organization concerning development of aluminum industry in Greenland, Greenland Development A/S

List of Publications

O'Doherty, K. C., Beijbom, M., Allen-Vercoe, E., Choudoir, M. J., Silva, D. S., Bonilla, C., Debelius, J., Elton, S., **Hauptmann, A. L.**, Heyland, A., Morar, N., Skillings, D., Sun, Z., Wolf, P. G., Beiko, R. G., Ishaq, S. L. (2026) Microbiome stewardship: definition and guiding principles for implementation. *Sustainable Microbiology* 3(3). https://doi.org/10.1093/sumbio/qvag028

Bjørnsen, M., Bourke, K. M., Stanton, C., Ross, P., Hansen, A. J., & **Hauptmann**, A. L. (2026). Dietary transition to an Indigenous Greenlandic diet induces instant shifts in gut microbiota composition – A pilot intervention study. *Frontiers in Microbiomes, 5*, 1832705. https://doi.org/10.3389/frmbi.2026.1832705

Severin, N. L., Ortega, S., Romeyn, R., Olsen, S. H., Heia, K., Jacobsen, C., Bøknæs, N., **Hauptmann**, A. L., Boje, J., Kania, P. W., & Buchmann, K. (2025). An interdisciplinary approach to detect and grade "Mushy

Halibut Syndrome" in fillets of Greenland halibut (*Reinhardtius hippoglossoides*). *Journal of Food Measurement and Characterization, 19*, 3444–3461. https://doi.org/10.1007/s11694-025-03193-x

Hauptmann, A. L., Maroney, S., Perea, J. B., & Marco, M. L. (2025). Growing microbiology literacy through interdisciplinary approaches to food fermentations and an Indigenous peoples' rights framework. *Journal of Microbiology & Biology Education, 26*(1). https://doi.org/10.1128/jmbe.00174-24

Bjørnsen, M. B., Valerón, N. R., Vásquez, D. P., Velasco, E. M., Hansen, A. J., & **Hauptmann**, A. L. (2024). Microbiota in the ptarmigan intestine – an Inuit delicacy and its potential in popular cuisine. *PLOS ONE, 19*(12), e0305317. https://doi.org/10.1371/journal.pone.0305317

Hauptmann, A. L., Johansen, J., Stæger, F. F., Nielsen, D. S., Mulvad, G., Hanghøj, K., Rasmussen, S., Hansen, T., & Albrechtsen, A. (2024). Gut heavy metal and antibiotic resistome of humans living in the high Arctic. *Frontiers in Microbiology, 15*, 1493803. https://doi.org/10.3389/fmicb.2024.1493803

Hauptmann, A. L. (2024). Food sovereignty in Kalaallit Nunaat. *Food and Foodways, 32*(4), 279–301. https://doi.org/10.1080/07409710.2024.2405795

Hauptmann, A. L., & Lund Olsen, N. (2022). Madkultur. In *TRAP Grønland*. Trap Danmark. ISBN 9788771815054

Campbell, R., **Hauptmann**, A. L., Campbell, K., Fox, S., & Marco, M. L. (2022). Better understanding of food and human microbiomes through collaborative research on Inuit fermented foods. *Microbiome Research Reports, 1*, 5. https://doi.org/10.20517/mrr.2021.06

Houde, M., Krümmel, E. M., Mustonen, T., Brammer, J., Brown, T. M., Chételat, J., Dahl, P. E., Dietz, R., Evans, M., Gamberg, M., Gauthier, M.-J., Gérin-Lajoie, J., **Hauptmann**, A. L., Heath, J. P., Henri, D. A., Kirk, J., Laird, B., Lemire, M., Lennert, A. E., Letcher, R. J., Lord, S., Loseto, L., MacMillan, G. A., Mikaelsson, S., Mutter, E. A., O'Hara, T., Ostertag, S., Robards, M., Shadrin, V., Smith, M., Stimmelmayr, R., Sudlovenick, E., Swanson, H., Thomas, P. J., Walker, V. K., & Whiting, A. (2022). Contributions and perspectives of Indigenous Peoples to the study of mercury in the Arctic. *Science of the Total Environment, 825*, 153566. https://doi.org/10.1016/j.scitotenv.2022.153566

Hauptmann, A. L. (2021). Inuit fermentation – animal-based and archaic. Enriched transcript of talk at the Fermentology Series. https://doi.org/10.52750/615836

Hauptmann, A. L. (2021). Kiviaq. In S. E. Katz (Ed.), *Sandor Katz's Fermentation Journeys*. Chelsea Green Publishing. ISBN 9781645020349

Waples, R. K.+, **Hauptmann**, A. L.+, Seiding, I., Jørsboe, E., Jørgensen, M. E., Grarup, N., Andersen, M. K., Larsen, C. V. L., Bjerregaard, P., Hellenthal, G., Hansen, T., Albrechtsen, A., & Moltke, I. (2021). The genetic history of Greenland-European contact. *Current Biology, 31*(8), 1707–1714.e4. https://doi.org/10.1016/j.cub.2021.02.041 (+ shared first authorship)

Møller, G., Lind, M. V., **Hauptmann**, A. L., Senftleber, N., Hansen, C. B., Hansen, T., Jørgensen, M. E., & Lauritzen, L. (2021). The role of a traditional and western diet on glucose homeostasis in Greenlandic Inuit carriers and non-carriers of type 2 diabetes variant in the TBC1D4 gene: A protocol for a randomized clinical trial. *Contemporary Clinical Trials Communications, 21*, 100734. https://doi.org/10.1016/j.conctc.2020.100734

Hauptmann, A. L. (2020). A taste for nature in an Inuit perspective. *International Journal of Food Design, 5*(1–2), 167–196. https://doi.org/10.1386/ijfd_00013_1

Hauptmann, A. L., Paulová, P., Hansen, L. H., Sicheritz-Pontén, T., Mulvad, G., & Nielsen, D. S. (2020). Microbiota in foods from Inuit traditional hunting. *PLOS ONE, 15*(1), e0227819. https://doi.org/10.1371/journal.pone.0227819

Hauptmann, A. L., Paulová, P., Castro-Mejía, J. L., Hansen, L. H., Sicheritz-Pontén, T., Mulvad, G., & Nielsen, D. S. (2020). The microbial composition of dried fish prepared according to Greenlandic Inuit traditions and industrial counterparts. *Food Microbiology, 85*, 103305. https://doi.org/10.1016/j.fm.2019.103305

Björnsdóttir, B., Geirsdóttir, M., Guðmundsdóttir, E. E., Þorkelsson, G., Jónsdóttir, R., Þórðarson, G., Groben, R., Knobloch, S., **Hauptmann**, A. L., Vang, J., Gunnarsdóttir, I., Jóhannsson, R., Schönemann-Paul, L. D., & Smáradóttir, S. E. (2018). *Biorefining and biotechnology opportunities in the West Nordic Region*. Matís Technical Report. ISSN 1670-7192

Hauptmann, A. L., Sicheritz-Pontén, T., Cameron, K. A., Bælum, J., Plichta, D. R., Dalgaard, M., & Stibal, M. (2017). Contamination of the Arctic reflected in microbial metagenomes from the Greenland ice sheet. *Environmental Research Letters, 12*(7), 074019. https://doi.org/10.1088/1748-9326/aa7445

Hauptmann, A. L., Markussen, T. N., Stibal, M., Olsen, N. S., Elberling, B., Bælum, J., Sicheritz-Pontén, T., & Jacobsen, C. S. (2016). Upstream freshwater and terrestrial sources are differentially reflected in the bacterial community structure along a small Arctic river and its estuary. *Frontiers in Microbiology, 7*, 1474. https://doi.org/10.3389/fmicb.2016.01474

Hauptmann, A. L., Stibal, M., Bælum, J., Sicheritz-Pontén, T., Brunak, S., Bowman, J. S., Hansen, L. H., Jacobsen, C. S., & Blom, N. (2014). Bacterial diversity in snow on North Pole ice floes. *Extremophiles, 18*(6), 945–951. https://doi.org/10.1007/s00792-014-0678-0

Hauptmann, A. L., Glaring, M. A., Hallin, P. F., Priemé, A., & Stougaard, P. (2013). Draft genome sequence of the psychrophilic and alkaliphilic *Rhodonellum psychrophilum* strain GCM71T. *Genome Announcements, 1*(6), e01051-13. https://doi.org/10.1128/genomeA.01051-13

Personal Grants and Awards

2026: Appointed Fellow of CIFAR Healthy Microbiomes in a Changing World program

2024: Greenland Research Council grant for AMMASSAK project, 99,600 DKK

2022: Accepted as member of The Danish Royal Academy of Science's Young Academy.

2022: Aage V. Jensens Foundations, 10 mil. DKK

2021: Aase og Jørgen Münters Fond, 63,000.00 DKK travel grant

2021: Dudo and Povl Brandts Foundation 31,600.00 DKK travel grant

2020: The Carlsberg Foundation international postdoc grant of 850,000 DKK for visiting scholar exchange at the University of California, Davis

2020: University of Greenland research fund 56,945.00 DKK for UMAMI project

2020: Novo Nordisk Foundation 236,150.00 DKK project GUTCYCLES and project KIVIAQ

2018: The Jens Peder Hart Hansen award for emerging researchers in the field of circumpolar health

2017: Danish government's funding for Arctic research: 1,572,944 DKK postdoctoral grant

2017: Grønlandsbankens Erhvervsfond: 200,000 DKK, research grant for postdoctoral work

2011-2018: Outreach- and travel grants summed to a total of 283,400.00 DKK

2011: Oticon Foundation: 100,000 DKK, research grant for master's thesis

2011: Academicus Arcticus, Second prize for master's thesis communication

Collaborative grants

2025: Greenland Research Council 168.600,00. DKK for AALISARTA – food safety of fishing in Nuuk

2024: Global Affairs Canada CAD 40,000 in collaboration with Dr. Amy Caughey, University of Alberta.

2021: National Science Foundation (NSF) $298,287 grant, award number (FAIN) 2127438, title NNA Planning: Developing community frameworks for improving food security in Greenland through fermented foods, co-PI with Maria Marco and Jessica B. Perea (UC Davis).

2021: Grønlandsbankens Erhvervsfond 76,000 DKK for collaborative project with Alchemist8 Michelin-star restaurant in Copenhagen.

2021: Grant for Advancing Sustainable Development Goals entitled *Community Mentorship Program Pilot for Radical and Relational Approaches to Inuit Food Security* $7500 from University of California, Davis.

2020: Greenland Research Council 100,000 DKK grant for Forgotten Friends project co-lead with Inge H. Seiding, Ph.D.

2020: Transcollege Research Cluster grant of $5000, University of California, Davis, collaboration with Professor Maria Marco, Assistant Professor Jessica Perea and Dr. Stephanie Maroney

2020: SHAPE course selective for conducting course work on Radical Storywork: Performing Food Sovereignty through Inuit Fermentation Culture in collaboration with Professor Maria Marco (UC Davis) and Associate Professor Jessica B. Perea (UC Davis).

2019: UArctic Project Call for Networking Activities on Arctic Research and Education, 468,900.00 DKK

H2020-LC-CLA-2019-2 call application moved on to second round, submitted for deadline 4th of September 2019. Role as work package lead for one of seven work packages and responsible for data analysis on other work packages.

Invited Talks (lists only attended talks)

2026 Invited keynote, Future of Greenland conference, Nuuk (May)

2026 Invited speaker, CIFAR Humans and the Microbiome meeting, Switzerland (Zürich, Switzerland, Apr)

2026 Invited speaker, CIFAR Radical Interdisciplinarity and Indigenous knowledge meeting (Banff, CA, Apr)

2025 Invited keynote, Novo Foundation annual education conference, Denmark (Oct)

2025 Invited speaker, Fermented Foods Conference, Stanford, USA (Sep)

2024 Invited speaker, Applied Hologenomics Conference, Copenhagen (June)

2024 Invited speaker, Future Greenland Conference, Nuuk (May)

2024 Invited speaker, Feminist Research Institute, UC Davis, USA (March)

2024 Invited speaker, One Health Gathering, Iqaluit, CA (February)

2024 Invited keynote, Nils Klim Prize seminar, Copenhagen (January)

2023 Invited keynote, opening of Center for Indigenous Science, University of Illinois, USA (September)

2023 Invited keynote, Green Transition in Global Food Systems Symposium, Copenhagen (August)

2023 Invited keynote, ArktiskMat, Mosjøen, Norway (August)

2023 Invited keynote and panel, Microbiology and Social Equity Symposium on Integrated Food Systems (June)

2023 Invited keynote, Vestnordisk Råd thematic conference on food security (February)

2022 Invited keynote, Hindsgavl Annual Arctic Workshop, Middelfart (November)

2022 Session speaker, NUNAMED conference, Nuuk, Greenland (October)

2022 Public speaking, National Library Greenland, Nuuk, Greenland (September)

2022 Invited keynote at opening ceremony UN regional UNLEASH, Nuuk, Greenland (August)

2022 University of Oregon, Dep. of Geography Colloquium Series (April)

2022 University of California, Davis, Nutrition Graduate Group (March)

2022 University of California, Davis, Dep. of Native American Studies Colloquium (February)

2022 IMMUNE/ONÆM seminar, Iceland (April)

2021 ArktiskMat conference (September)

2021 Fermentology lecture series (June)

2021 Invited Keynote, Breaking the Ice Ceiling, Arctic Institute (April)

2021 Invited Keynote, Student Conference, University of Alberta, Canada (February)

2020 Invited speaker, Methods and Ethics in Arctic Research, Potsdam, Germany

2020 Invited speaker, 1st Arctic Indigenous Peoples Food Congress, Kautokeino, Norway

2019 Invited Panel speaker, *It Tastes Like Home*, gastro-tourism conference, Nuuk, Greenland

2019 Invited Panel speaker, The Good Life Experience Festival, Wales

2019 Invited Keynote at Zonta district conference, Copenhagen, Denmark,

2018 Invited Keynote speaker, 17th International Congress on Circumpolar Health, Copenhagen, Denmark

2017 Invited speaker, Green Growth Dialogue, Tórshavn, Faroe Islands

2016 Invited Keynote speaker, Nunamed Medical Conference, Nuuk, Greenland

2016 Invited speaker, side session on Greenlandic science, Arctic Science Summit Week, Fairbanks, USA

2015 Invited Panel speaker, Conference on Commercialization of Science, Nuuk, Greenland

Most recent public media appearances and book appearances

MAD Digest, interview on Greenland food systems, May 2026

Grønlandsquizzen Board Game (2025) contains a question about the founder of SILA, where Aviaja Lyberth Hauptmann is the correct answer

Sermitsiaq Greenlandic newspaper, feature on Inuit Indigenous foods, January 2026

The European Correspondent, interview on food sovereignty, January 2026

Appearance in book **The Call of the Honeyguide**: What Science Tells Us About How to Live Well With the Rest of Nature (2025) by Rob Dunn

Appearance in book **Adventures in Fermentation** (2025) by Johnny Drain

Appearance in comic book **Die Kochenden Affen** (The Cooking Apes) by Tine Steen

The Danish Royal Academy of Sciences and Letter podcast, September 2025

Qajaq Man, cinema documentary including interview and gut microbiome research, produced by Joe Derrick and Nikolaj Coster-Waldau, World Premiere September 2025

Nature, interview on ethical research with Indigenous microbiomes, September 2024

The Sun, interview, August 2024

Stanford The Fermentation and Health Speaker Series podcast, July 2024

NatGeo X Prada documentary film about my work, January 2024

BBC The Food Programme radio interview with author Dan Saladino, October 2023

Preserve Magazine interview, December 2023

Getting Curious with JVN, podcast, January 2023

Microbiome Research Reports interview on recent publication Campbell et al., 2022.

KNR, National broadcasting Greenland, radio interview, September 2022

Remarkable Women Powerful Stories featured interview with Zonta Int., Sep 2021

Front-cover feature in Greenlandic magazine Arnanut, September 2021

Podcast: Ferment Radio, January 2021

WWF Arctic Magazine The Circle, feature, October 2020

Podcast: Peak Human Podcast, July 2020

Five Media Magazine interview, June 2020

Podcast: Nordic Foodtech, February 2020

Gut Microbiota and nutrition newsletter interview, November 2019

Suluk Magazine, in-flight magazine Air Greenland, August 2019

KNR, National broadcasting Greenland, radio interview, June 2019

DR P1, National Radio Denmark, science radio program, June 2019

Nunatsiaq News, newspaper article, August 2018

KNR, National broadcasting Greenland, news, March 2018

Current teaching responsibilities for SILA

Main lecturer MIKIAQ on microbiology and fermentation 10 ECTS

Coordinator and lecturer TIKINNEQ introductory course 5 ECTS

Main lecturer INUK course on human-environment relations 10 ECTS

Teaching outside of SILA

Idehistorie og Videnskabsteori, Ilisimatusarfik, guest lecture (April 2026)

Idehistorie og Videnskabsteori, Ilisimatusarfik, guest lecture (Feb 2024)

Det antropocæne i Arktis: Politik, geografi og samfund under forandring, Ilisimatusarfik, guest lecture (Nov 2023)

PhD reading and writing seminar Ilisimatusarfik and UC Davis, co-organizer and lecturer (Apr-Jun 2023)

Arctic Resilient Communities Youth Fellowship invited guest speaker (May 2023)

Native American and Indigenous Research Methodologies, PhD course, Ilisimatusarfik and UC Davis, co-organizer and lecturer (Jan-Mar 2023)

Positionality, Research Ethics and Decolonization, PhD course Ilisimatusarfik, co-organizer and lecturer (November 2022)

Global Disease Biology class, University of California, Davis, guest lecture (May 2022)

Food Systems class, University of Oregon, Department of Geography, guest lecture (April 2022)

Radical Storywork: Performing Relational Approaches to Inuit Food Fermentation and Food Security, co-organizer and lecturer, University of California, Davis, fall 2021

Radical and Relational approaches to Inuit fermentation class, co-organizer and lecturer, University of California, Davis, spring 2021

Emnefag A: Ilisimatusarfik, guest lecture, spring 2021

Mentor, seminar on multidisciplinary exploration of the polar regions, Maggie L. Walker Governor's School in Richmond, Virginia, USA

Emnefag D: Food Anthropology, Ilisimatusarfik, guest lecture, fall 2020

Inaarsaavik course, Ilisimatusarfik, main organizer and lecturer, spring 2020

Nunamed Ph.D. course, Ilisimatusarfik, guest lecture, fall 2019

Patenting and Biotechnology class, DTU, co-organizer and lecturer, 2015

JSEP summer school, Kangerlussuaq, lecturer, 2013 and 2014

Currently supervised students

Vivi Vold, PhD-fellow, Ilisimatusarfik, main supervisor

Mads Bjørnsen, PhD-fellow, Ilisimatusarfik and the University of Copenhagen, main supervisor

Vivian Cheng, PhD-fellow, University of Illinois, committee member

Tennyson Dall, PhD-fellow, Northwestern University, committee member

Ravdna Sara, PhD-fellow, UiT - The Arctic University of Norway, external thesis opponent

Previously supervised students

Natacha Leininger Severin, PhD-fellow, the University of Copenhagen, co-supervisor

Filip Puljiz, International master's student course project, Ilisimatusarfik, 2023-2024

Master student, Ilisimatusarfik, Vivi Vold, 2019-2020

Coaching and supervision of 23 master's students, Ilisimatusarfik, 2020

Bachelor student, University of Copenhagen, Siff Sabinsky, 2019-2020

Fullbright student, Ilisimatusarfik, Augusta Finzel, 2019-2020

Conference-organizing

2022	Moderator at NunaMed 2022 public session
2017	Main organizer, Public Seminar on Greenland Health Research funded by the Danish Government Ministry for Education and Research
2015-2017	Co-organizer of the 7th Polar and Alpine Microbiology Conference (PAM) held in September 2017 in Nuuk, Greenland

Service

2026 - 2029	AlterNative: An International Journal of Indigenous People, member of Editorial Board and Associate Editor
2026	CIFAR Global Scholars programme evaluation committee member
2026	Committee member, Independent Research Fund Denmark thematic call Arctic Research
2025	Evaluation committee member promotion to Associate Professor evaluation for Erin McKenney, North Carolina State University
2024 - 2026	Member of the Board of Editors mSystems Journal
2024 -	Member of the Board of Directors, Microbes and Social Equity Working Group

2022 - 2024	External reviewer for Nordic Council of Ministers' Arctic Co-operation Programme
2021 -	Inuit Circumpolar Council representative on food sovereignty issues
2021 - 2022	Advisory council member, research advisory board GINR
2021 - 2022	Advisory council member, Arctic Education Alliance (AEA)
2020 – 2023	Appointed board member of the Greenland Research Council
2020 -	Expert member of ALEPH: Animal Source Foods in Ethical, Sustainable & Healthy Diets https://aleph-2020.blogspot.com/p/authors.html
2019 - 2020	Board member PinkPolarBearFoundation by Greenland Ruby A/S.
2019 - 2020	Board member Foreningen Grønlandske Børn, union for ensuring the well-being of all Greenlandic children
2012 - 2019	Blogger at the Danish Engineers Homepage Ing.dk about Greenland's future with regards to science, industry, nature and society. The blog has led to several publications both online and in printed newspapers in Denmark, Greenland and Faroe Islands. The blog has led to several participations in conferences in Denmark and internationally as well as debates both live as well as in Danish radio and TV.
2012	Co-founded REBBLS (Rising Entrepreneurs in BioBusiness and Life Science) network for promising entrepreneurs and intrapreneurs in biotechnology and life science.
2010-2011	Mentee in Kubulus University of Copenhagen alumni association mentor program with career mentor from Novozymes. The mentor-mentee meetings were used to discuss experience within starting up a small biotech company with a perspective of starting up a biotech company in Greenland.
2006-2010	Volunteer at environmental NGO Nepenthes (today named Verdens Skove). 2008 to 2010: chairman of local board of Copenhagen department and central coordinator of new volunteers.

Peer-review contributions

Review has been conducted for Extremophiles Journal (2015), FEMS Microbiology Ecology (2017), Applied and Environmental Microbiology (AEM) (2018), Marine Policy (2019), International Journal of Food Design (2020), Springer book chapter review (2021), Food Ethics (2022), Journal of Advanced Research (2022), mSystems (2023), Heliyon (2024), Food and Humanity (2026), Microbial Genomics (2026)

References

Robert Dunn, Senior Vice Provost for University Interdisciplinary Programs and Executive Vice

Chancellor, Professor, North Carolina State University, NC, USA

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Maria Marco, Professor, University of California, Davis

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Professor Marco is a collaborator and hosted the postdoc at UC Davis

Gert Mulvad, MD, GP, Doctor h.c. Dronning Ingrids Hospital and Ilisimatusarfik

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Dr. Mulvad was a mentor during postdoc project at Ilisimatusarfik