



PERSONAL DATA

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POSITIONS

- 2019-2020 Deputy Head of Department (Teaching), Department of Science Education (DSE), University of Copenhagen
- 2015-pres. Head of Research Group, DSE, University of Copenhagen
- 2014-pres. Associate Professor, DSE, University of Copenhagen
- 2011-2014 Assistant Professor, DSE, University of Copenhagen
- 2010 Research Assistant, DSE, University of Copenhagen

RECENT PROFESSIONAL DEVELOPMENT

- 2024 Collaborative Futures Academy: Emotions in Public Engagement (online course), Berlin School of Public Engagement and others.
- 2021 Decolonising Education: From Theory to Practice (online course), University of Bristol
- 2019 The Sustainable Development Goals – A global, transdisciplinary vision for the future (online course), University of Copenhagen
- 2019 Leading Research programme, step 1, University of Copenhagen
- 2014 PhD supervision course, University of Copenhagen

ACADEMIC CITIZENSHIP

- 2024-pres. Expert Advisory Board, EU project *Learning Ventures for Climate Justice (LEVERS)*. Trinity College, Dublin.
- 2024-pres. Committee Member for the grant scheme *Science communication and debate using novel communication platforms*. Novo Nordisk Foundation, Copenhagen.
- 2022-pres. Danish Expert Group, project *Field/Work in the Archive*. Natural History Museum of Denmark, Copenhagen.
- 2021-pres. Member of Annual Conference Programme Committee. Ecsite, Brussels.
- 2021-pres. Advisory Board, *Formidlingsakademiet*. Royal Academy, Copenhagen.
- 2021-2023 Advisory Board, project *Naturvidenskab der hvor du er*. Danish Museum of Science & Technology, Helsingør.
- 2021-2023 ESS Advisory Group for Learning and Engagement. European Spallation Source, Lund.
- 2021-2022 European Sounding Board, project *RETHINK #scicomm*. Ecsite, Brussels.
- 2020-pres. Advisory Board, project *Naturfag på det kulturhistoriske museum*. Museum of Copenhagen, Copenhagen.
- 2020-2023 Advisory Board, project *Ud: Om rumfart, tid og lys*. Planetarium, Copenhagen.
- 2020 Panel member, Lund University Research Quality Assessment
- 2019-2021 Section Editor for journal *Science Education*
- 2017-2021 Member of the Executive Board for European Science Education Research Association (ESERA)

- 2015-2021 National Editor for journal *Nordina – Nordic Studies in Science Education*
- 2014-2020 Member of the Steering Committee, Danish Centre for Museum Research
- 2014-2018 Member of the Presidium, Experimentarium
- 2011-2017 Initiator and coordinator, ESERA Special Interest Group: Science education in out-of-school contexts

RECENT ACADEMIC LECTURES

- 2024 Invited address, Science & Society Research Group, Trinity College Dublin, 10/10. Dublin, Ireland.
- 2024 Keynote address, German Association of Chemistry and Physics Education Research (GDCEP), 12/8. Bochum, Germany.
- 2024 Keynote address, National Skills Council, 6/8. Valletta, Malta.
- 2023 Invited lecture, seminar 'The nexus between media, learning and practice change in processes of green transition', 2/11. Emdrup, Denmark.
- 2023 Invited panel member, annual Big Bang conference on science education, 22/3. Odense, Denmark.
- 2022 Keynote address, conference 'Reinventing science communication? Challenges for the post-truth era', 14/10. Ljubljana, Slovenia.
- 2022 Keynote address, annual conference of Danish Association for Research in Science Education (DASERA), 6/10. Aalborg, Denmark.
- 2021 Keynote address, 5th International Conference on Mathematics and Science Education (ICOMSE), 3/8. Malang, Indonesia.
- 2021 Invited panel member, Future of Science Communication Conference, 24/6. Berlin, Germany
- 2019 Invited address, European Network of Science Centres and Museums (Ecsite), preconference for NATURE group, 5/6. Copenhagen, Denmark.
- 2018 Invited address, The Science of Science Communication Symposium, Museum of Life, 5/3. Rio de Janeiro, Brazil.
- 2015 Invited Speaker, Natural History Museum, 12/11, London, UK.
- 2015 Keynote address, ESERA Conference, 2/9. Helsinki, Finland.
- 2015 Invited address, Ecsite Conference, 12/6. Trento, Italy.
- 2014 Plenary address, ESERA Summerschool, 25/8. Kappadokya, Turkey.

DOCTORAL SUPERVISION

- 2023 Thorek Jensen: *Imagining sustainable futures: The museum as an incubator of new knowledge*, ongoing. (Main supervisor)
- 2022 Evans: *Sustainability in out-of-school science education: Moving towards the future*, successfully defended. (Main supervisor)
- 2020 Nicolaisen: *Astrophysics: The space between research professionalisation and engaging communication*, successfully defended. (Main supervisor)
- 2018 Estrup: *Palaeontology dissemination in science centres and museums – Science in the making or ready-made science?*, successfully defended. (Co-supervisor, then main supervisor)
- 2018 Sandholdt: *Can a participatory approach twist the boundaries of science education?*, successfully defended. (Co-supervisor)
- 2016 Windfeldt: *Disseminating knowledge of plant genetic resources to the public*, successfully defended. (Co-supervisor, then main supervisor)

OPPONENT FOR DOCTORAL DEFENCES

- 2025 Mathematics Education, University of Copenhagen, Denmark
2022 Museum Pedagogy (licentiate), Karlstad University, Sweden
2022 Out-of-school Science Education, University of Pretoria, South Africa
2021 Teacher Professional Development, University of Gothenburg, Sweden
2018 Teacher Professional Development, University of Copenhagen, Denmark
2017 Mathematics Education, University of Copenhagen, Denmark
2017 Indigenous Museology, Aalborg University, Denmark
2015 Out-of-school Science Education, Norwegian University of Life Sciences, Norway
2014 Exhibition Design, University of Oslo, Norway

RECENT PEER-REVIEWED PUBLICATIONS

- Achiam M**, Vitting-Seerup S, Whiteley L & Dam SL (2024). Creating resonance with arts-based approaches to sustainability science communication. *Journal of Science Communication*, 23(6), N01. doi:10.22323/2.23060801
- Vitting-Seerup S, Berg KM, Ferm E, Hjortkjær LT, Killeen B, Kisbye S, . . . **Achiam M** (2023). Co-creating sustainability science communication through aesthetic formats: This is what a transdisciplinary moment looks like. *Journal of Education for Sustainable Development*, 17(2), 179-199. doi:10.1177/09734082231222352
- Vitting-Seerup S & **Achiam M** (2023). Integrating sustainability into a higher education science communication course. *Journal of Science Communication* 22(06), A01. doi:10.22323/2.22060201
- Madvig F, **Achiam M**, Adler-Nissen R, Johansen N & Whiteley L (2022). Coming closer to citizens? Frustrated dialogue on the Danish Health Authority's Facebook page during COVID-19. *Frontiers in Communication*, 7, Article 822471, 1-19. doi:10.3389/fcomm.2022.822471
- Piqueras J, **Achiam M**, Edvall S & Ek C (2022). Ethnicity and gender in museum representations of human evolution. The unquestioned and the challenged in learners' meaning making. *Science & Education*, 31, 1517–1540. doi:10.1007/s11191-021-00314-y
- Berg TB, **Achiam M**, Poulsen KM, Sanderhoff LB & Tøttrup AP (2021). The role and value of out-of-school environments in science education for 21st century skills. *Frontiers in Education*, 6, Article 674541. doi:10.3389/educ.2021.674541
- Evans HJ & **Achiam M** (2021). Sustainability in out-of-school science education: Identifying the unique potentials. *Environmental Education Research*, 27(8), 1192-1213. doi:10.1080/13504622.2021.1893662
- Nicolaisen LB & **Achiam M** (2020). The implied visitor in a planetarium exhibition. *Museum Management and Curatorship*, 35(2), 143-159. doi:10.1080/09647775.2019.1691637
- Achiam M**, Nicolaisen LB & Ibsen T (2019). Planetariums between experience and enlightenment. *Nordisk Museologi - Journal of Nordic Museology*, 19(1), 11-24. doi:10.5617/nm.6952
- Estrup E & **Achiam M** (2019). The potential of palaeontology for science education. *Nordina - Nordic Studies in Science Education*, 15(1), 97-108. doi:10.5617/nordina.5253

RECENT POPULAR PUBLICATIONS

- Achiam M** (2023). Bæredygtighed kræver gentænkning af pædagogiske og didaktiske tilgange [Sustainability requires a rethinking of educational approaches]. *MONA Matematik- og Naturfagsdidaktik*, 2023(4), 4-6.

Ejsing M, Vitting-Seerup S, Mehlsen D, Pøhler JD, Jørgensen MS, **Achiam M** . . . Jordal NB (2023, June 10). Forskere og ansatte: Videregående uddannelser skal gå ind i klimakampen nu [Scientists and staff members: Higher education institutions must engage in the climate struggle now]. *Altinget*. <https://www.altinget.dk/>

Achiam M, Kupper F & Roche J (2022). Inclusion, reflection and co-creation: Responsible science communication across the globe [editorial]. *Journal of Science Communication*, 21, Article 04. doi:10.22323/2.21040501

Tougaard S, **Achiam M**, Nicolaisen LB, & Evans HJ (2021). Naturvidenskabelige museer skal ikke tilstræbe neutralitet [Science museums shouldn't strive for neutrality]. *Danske Museer*, 34, 45.

Evans HJ, Nicolaisen LB, Tougaard S & **Achiam M** (2020). Museums beyond neutrality [position piece]. *Nordisk Museologi*, 29(2), 19-25. doi:10.5617/nm.8436

RECENT FUNDING

- 2022 *Addressing Sustainability with Arts-Based Science Communication*, funded by the Novo Nordisk Foundation: total DKK 6M. Main applicant.
- 2022 *Co-creating Sustainability Communication*, workshop series funded by the Novo Nordisk Foundation; total DKK 400K. Main applicant.
- 2021 Support for innovative climate and sustainability education, internal funding from University of Copenhagen; total DKK 50K. Main applicant.
- 2020 Visiting scholarship, internal funding from University of Copenhagen; total DKK 97K. Co-applicant (with Natural History Museum).
- 2018 *Sustainability + Education + Museums*, PhD project funded by the Novo Nordisk Foundation; total DKK 1.8M. Main applicant.
- 2017 *SCIENCE // MUSEUMS*, international network project funded by the Danish Agency for Science and Higher Education; total DKK 134K. Main applicant.
- 2017 *Centre for STEAM Education Research, Science Communication and Innovation*, funded by EU (Horizon 2020, phase I); total €400K; Department share €24K. Co-applicant.
- 2015 *Our Museum*, funded by Nordea Foundation and Velux Foundation; total DKK 20M; DSE share DKK 1.2M. Co-applicant.
- 2015 *Hypatia* funded by EU (Horizon 2020); total: €1.5M; Department share €76K. Co-applicant.
- 2014 Research collaboration, Swedish Arts Council. Co-applicant.