

## Teaching and supervision Curriculum Vitae for H. C. Steen-Larsen

### Formal university pedagogic training

Total 300 hours

- 2020 University of Bergen UPED621 Evaluation and Evaluations forms. Workload 5 ECTS. Diploma attached.
- 2020 University of Bergen UPED636 How to design and teach blended courses. Workload 5 ECTS. Diploma attached
- 2018 Teaching and Learning in Higher Education Program – Universitetspædagogikum at University of Copenhagen. Workload 110 hours theoretical and 65 hours practical. Assessment of academic and pedagogic supervisor attached. Diploma attached. Covers requirement for UiB pedagogical training (confirmation attached).
- 2017 Introduction to University Pedagogy (IUP) – University of Copenhagen. Workload 75 hours. Diploma attached.

### University-level teaching experience

#### *Lecturer and course responsible*

- 2021 Lecturer for iEarth pilot course “Build you own weather station”. University of Bergen, voluntary evening course (2 evenings), 10 students, Bachelor degree level. Language: Norwegian.
- 2020 Lecturer and course responsible on course ‘GEOF105 – Atmosfære- og havfysikk’, University of Copenhagen, 10 ECTS points, 45 students, Bachelor degree level. Language: Norwegian (Total work load 370 hours)
- 2019 Lecturer at Atmospheric River Colloquium Summer School at Scripps Institute of Oceanography, 2 weeks, 25 students, PhD level. Language: English
- 2018 Co-instructor on Exploration Seminar to Greenland, University of Washington, 21 days, undergraduate level. Language: English
- 2017 Lecturer and course developer on course ‘*Master Class – Water Isotopes in the Atmospheric Hydrological Cycle*’, Chinese Academy of Sciences, 40 lecture-hours, 30 students, Master and PhD degree level. Language: English
- 2017 Lecturer and exercise teacher on the course ‘*Glacier Dynamics and Modelling*’ at University of Copenhagen, 7.5 ECTS, 8-10 students, Master degree level. Language: English

#### *Guest lecturer*

- 2020 and 2021 Guest lecturer and co-organizer on the course ‘*CHESS Training course on water and carbon isotopes in the Earth System*’, University of Bergen, 2.5 ECTS, 8-10 students, PhD degree level. Language: English
- 2017 Guest lecturer on the course ‘*Climate Change Mechanics and Tipping Points*’ at University of Copenhagen, 2 hour lectures for Master students. Language: English
- 2016 Guest lecturer as part of “Fysik-Stjerne” lecture series, which is a series of introduction lectures for 1st year physics students at University of Copenhagen, 1 hour lecture for undergraduate students. Language: Danish

2016 Guest lecturer on the course ‘*Water isotope method*’ at Korean Polar Research Institute, 2 times 2 hour lectures for Master and PhD students. Language: English.

2015 Guest lecturer for undergraduate students on ‘Atmospheric Climate Processes’ at Bermuda Institute of Ocean Sciences, 2 hour lectures. Language: English.

#### *Teaching assistant*

2010 Teaching assistant on course ‘Thermodynamics’ at University of Copenhagen, 7.5 ECTS, 20-25 students, Undergraduate degree level. Language: Danish

2009 Teaching assistant on course ‘Thermodynamics’ at University of Copenhagen, 7.5 ECTS, 20-25 students, Undergraduate degree level. Language: Danish

2009 Teaching assistant on course ‘Mat F’ (Mathematical models for physicists) at University of Copenhagen, 7.5 ECTS, 20-25 students, Undergraduate degree level. Language: Danish

#### Other teaching

2017 Teacher-volunteering work for adult refugees as part of the Danish Refugee Council’s effort on integrating refugees into a Danish education system. 4 hours weekly.

#### Supervision of Undergraduate students

2017 Advisor for First Year Project at the physics department, University of Copenhagen, three students, title of project ‘The New Arctic’

2016 Advisor for USA-NSF funded Research Experience Undergraduate (REU-program) at Bermuda Institute of Ocean Sciences (3 months program), title of project ‘Assessing precipitation isotope variability during phase changes in the hydrologic cycle’

#### Supervision of Master’s degree students

Total students supervised (co-supervised): 4 (2). Total Peer-review papers: 3

\* indicates Master students, who has continued to pursue a PhD (4)

Year of graduation:

2021 Romilly Harris Stuart\*, University of Bergen, Norway, interdisciplinary project between Institute of Geography and Geophysical Institute, co-supervisor. Peer-review paper supported by Bjerknes Fast Track Initiative.

2018 Niels Ole Ørum, University of Copenhagen, Copenhagen, Denmark, supervisor

2017 Andrew Hoffmann\*, Fullbright Scholar, University of Copenhagen/University of Washington, Seattle, Supervisor. Peer-reviewed paper published in Geosci. Instrum. Method. Data. Syst, Hoffman et al. 2019

2017 Martin Vindbæk Madsen, University of Copenhagen, Copenhagen, Denmark  
Supervisor. Peer-reviewed paper published in JGR Atmosphere, Madsen et al. 2019

- 2013 Francois Ritter\*, Laboratoire des Science du Climat et de l'Environnement, France, Supervisor, Peer-reviewed paper published in The Cryosphere, Ritter et al., 2016
- 2012 Hera Gudlaugsdóttir\*, University of Iceland, Reykjavik, Iceland, co-supervisor

### Supervision of Master student internships

Total internships: 2

- 2020 Nina Sandfort, ERASMUS student at University of Bergen from Wageningen Uni.
- 2021 Solene Lima, Master2 internship at University of Bergen from École Nationale Supérieure de Techniques Avancées (ENSTA ParisTech)

### Supervision of PhD degree students

Total graduated: 2 as co-supervisor. Total ongoing: 3 as main supervisor, 1 as co-supervisor

\*PhD student, who has continued in a Postdoc position

*Year of graduation:*

- 2021 Abigail Hughes, University of Colorado, Boulder, USA, co-supervisor
- 2017 Hera Gudlaugsdóttir\*, University of Iceland, Reykjavik, Iceland, co-supervisor

*Ongoing:*

Sonja Wahl, University of Bergen, Norway, ERC SNOWISO PhD student, Supervisor. Expected finish 2021

Laura Dietrich, University of Bergen, Norway, ERC SNOWISO PhD student, Supervisor. Expected finish 2023

Ines Ollivier, University of Bergen, Norway, MSCA ITN PhD student, Supervisor. Expected finish 2024.

Andrew Seidl, University of Bergen, Norway, ERC ISLAS PhD Student, co-supervisor. Expected finish 2022.

### Supervision of postdocs

- 2020 – current Daniele Zannoni, University of Bergen, LEMON project (H2020)
- 2019 – current Anne-Katrine Faber, University of Bergen, SNOWISO project (ERC)
- 2017 – 2018 Jean-Lionel Lacour, University of Iceland