CV, Philip Jacobson, updated 2019-08-06

CURRENT POSITION

PhD-Student, Swedish University of Agricultural Sciences, Department of Aquatic Resources (SLU Aqua), 2015-2020 (planned defense in late spring 2020).

EDUCATION

2015

Master of Science degree in Marine Ecology at Stockholm University, Sweden.

2013

Bachelor degree in Biology, Stockholm University, Sweden.

GRANTS

2018

Collaborator, research project – Using scale chemistry to reveal the ocean migration and feeding area of Baltic salmon in relation to reproductive failure. Swedish Agency for Marine and Water Management.

Research visit – Approved travel grant for a short research visit at the Department of Aquatic and Fishery Sciences, University of Washington, Seattle and for attending the ASLO 2018 summer meeting, Victoria B.C. Canada. Swedish University of Agricultural Sciences.

2017

International workshop – Approved grant for attending and presenting at the annual NoWPaS (Internation workshop for Phd and Post-doctoral fellows on Anadromous Salmonids) workshop, Dorset, England. Gålöstiftlesen.

ORAL PRESENTATIONS

2019

OIKOS conference, Uppsala, Sweden.

2018

ASLO summer meeting, Victoria BC, Canada

Seminar at the Department of Aquatic and Fishery Sciences, University of Washington, Seattle, USA

2017

BONUS symposium, Tallinn, Estonia

NoWPaS workshop, Dorset, UK

OIKOS conference, Lund, Sweden

Salmon health status meeting, Mörrum, Sweden

SUPERVISION

2018 - 2019

Co-supervisor for Ulrika Tollerz Brattby, 30 credit MSc thesis project: Does growth patterns at sea affect salmon fecundity?

TEACHING

2018

Organized and led a case-study focusing on management of the threatened Asp (*Aspius aspius*) in Uppland, Sweden, in the Master-level course *Ecology for Fish Management and Conservation*, Swedish University of Agricultural Science.

Co-organized, planned and executed an internal seminar course: *LunchR - beautiful and functional graphics using R*. The course consisted of 4 lunch seminars, 30-50 attendants at each seminar working at the Department of Aquatic Resources and PhDs and Post-docs from other departments at the Swedish University of Agricultural Sciences.

2017

Organized a computer lab modelling population responses to size-specific harvesting using R in the Master-level course *Fisheries Science*, Swedish University of Agricultural Science.

Led one workshop and one discussion seminar in the Master-level course *Ecology for Fish Management and Conservation*, Swedish University of Agricultural Science.

2016

Led one discussion seminar in the Master-level course *Ecology for Fish Management and Conservation*, Swedish University of Agricultural Science.

OTHER ACTIVITIES

2019

Session chair at the OIKOS 2019 conference, Uppsala, Sweden. Session theme: *Movement Ecology - The role of movement in ecology, evolution and management.* Five oral presentations and one poster.

2018

Organized a one day "aquatic PhD-workshop" with PhD-students from SLU, Department of Aquatic Resources and from Stockholm University, Department of Ecology, Environment and Plant science. 15 participants. Short oral presentations and a joint discussion seminar.

2017

PhD-representative at the Department of Aquatic Resources. I represented the PhD-students at department meetings and organized 3 PhD-meetings during 2017.

EXTERNAL PEER REVIEWER

2019

ICES Journal of Marine Science.

FIELD WORK EXPERIENCE

2019

Assisted and tagged adult salmon with external radio telemetry tags in a field experiment evaluating mortality rates associated with different types of coastal pontoon traps used in coastal commercial salmon fisheries in Sweden. The experiment was conducted in Älvkarleby, Sweden, by SLU Aqua.

Assisted during the collection of salmon for broodstock used by SLU Aqua fish hatchery in Älvkarleby, Sweden, for two weeks. This work included measuring, weighing, visually assessing their condition, pit-tagging and transporting adult salmon and sea trout by car using large tanks.

Organized and conducted a two day test fishing for pike using rods in the Gräsö archipelago, Sweden.

Helped out with the start-up of the second year using pit-tags for tagging salmon and trout smolts within the EU-Map data collection framework in the salmon index river Högvadsån, Falkenberg, Sweden.

2018

Assisted during the coastal gillnet monitoring survey at Muskö, Stockholm's archipelago, Sweden for one week. This included setting and lifting of gillnets, sorting,

weighing and measuring the catch and individual sampling of scales and otholits for white fish (*Coregonous spp.)* and round goby (*Neogobius melanostomus*).

Assisted during the collection of salmon for broodstock used by SLU Aqua fish hatchery in Älvkarleby, Sweden, for two weeks. This work included measuring, weighing, visually assessing their condition, pit-tagging and transporting adult salmon and sea trout by car using large tanks.

Helped out with initiating the start of pit-tagging salmon and trout smolts within the EU-Map data collection framework in the newly established salmon index river Högvadsån, Falkenberg, Sweden.

2017

Worked within the EU-Map data collection framework for Baltic salmon and sea trout in Northern Sweden. I pit-tagged, measured and weighed salmon and trout smolts in the salmon index-river Rickleån and in river Umeälven for two weeks.

Assisted Johan Leander at Umeå University in deploying acoustic receivers in Umeälven, Sweden, and capturing, tagging and releasing adult salmon and sea trout kelts with acoustic tags for two weeks.

2016

Worked within the EU-Map data collection framework for Baltic salmon and seatrout in Northern Sweden. I pit-tagged, measured and weighed salmon and trout smolts in the salmon index-river Rickleån and in river Umeälven for two weeks.

2015

Conducted a drop video survey for the consultant company AquaBiota along the Swedish Baltic Sea coast (from Norrtälje to Falsterbo) for two months.

2014

Took part in a large scale field survey in the research project Plant-Fish (http://www.plantfish.se/ & https://doi.org/10.1098/rspb.2017.0045) conducted in the Baltic Sea, sampling 32 bays at two occasions (late spring and early fall, each ~1 month in the field). I was responsible for the test fishing using gillnets, assisted with other sampling types (e.g. zooplankton and water quality) and I drove the boat.

2013

Field assistant during a mesocosm experiment studying the role of warming on trophic cascades (https://doi.org/10.1111/oik.03773). I helped out with creating the mesocosms, starting the experiment and equipment maintenance during the experiment. This job was done as an research internship course during my Masters education.