

Academic curriculum

- 2015– **PhD on “Evolution of cooperation for raising young in biparental systems across environmental gradients”**, *Station d'Écologie théorique et expérimentale (UMR 5321)*, Moulis.
Supervised by Alexis Chaine and Andy Russell.
- 2011–12 and 2014–15 **Master of Sciences in Ecology Biodiversity and Evolution**, *École normale supérieure of Paris and University Pierre et Marie Curie*, Paris.
- 2012–2013 **Master of Sciences in Teaching**, with Distinctions, *University Paris-Sud*, Orsay.
Passed the written exams of the highly competitive exam of the **Aggregation in Biology and Earth Sciences**, which enables to become a teacher/researcher,
- 2010–2011 **Bachelor in Biochemistry and Engineering Biology**, with Honors, *École normale supérieure of Cachan and University Paris-Sud*.
- 2010 **Admission to the École normale supérieure of Cachan**.
- 2008 **French scientific high school diploma**, with High Honors, *Lycée Jean Jaurès*, Argenteuil.

Scientific experience

- 2015 5-months **internship at the Institute of Biology of the ENS** with **Silvia de Monte**.
Modelling the emergence of the collective function of biofilms in Pseudomonas fluorescens.
- 2014 4-months **internship at the Muséum national d'Histoire naturelle** with **Pierre Pénicaud**.
The twenty years of the Grande Galerie de l'Évolution: project of re-writing texts of the Gallery.
- 2014 5-months **internship at the Australian national University** with **Martijn van de Pol**.
Parental investment and cooperative reproduction in red-winged fairy-wren (Malurus elegans).
- 2012 6-months **internship at the Muséum national d'Histoire naturelle** with **Philippe Keith**.
Preliminary study of migration and recruitment of an amphidromous Gobiidae, Sicydium punctatum.
- 2011 2-months **internship at the Station d'Écologie théorique et expérimentale (UMR5321)** with **Sophie Dardenne**.
Study of the influence of habitat on stress behaviour in barn swallows (Hirundo rustica).

Publications

- **Larval traits of the Caribbean amphidromous goby *Sicydium punctatum* (Gobioidei: Sicydiinae) in Guadeloupe**. Léa Lejeune, Hélène Tabouret, Laura Taillebois, Dominique Monti, Philippe Keith.
Ecology of freshwater fish. 2014.
- **Male and female helper effects on maternal investment and adult survival in red-winged fairy-wrens**. Léa Lejeune, Martijn van de Pol, Andrew Cockburn, Marina Louter, Lyanne Brouwer.
Behavioural ecology. 2016.

Technical skills

Research	Writing scientific papers and familiarity with the submission and publication process.
Ecology	Capture-mark-recapture of birds, behavioural observations, otolithometry.
Statistics	Reaction norm approach, generalized linear mixed models.
Genetics	DNA extraction, PCR, haplotypes nets.
Software	R, Matlab, Octave, ZEN, Mathematica, BioEdit, Arlequin.

Teaching

I taught 64h in 2015–2016 bachelor level classes on animal and plant biology, and on sustainable development.

Languages

- French (native)
- English (fluent)
- German (Intermediate)