

✉ joelle.lafond@umontreal.ca | 🌐 <https://joellelafond.github.io/>
 🐦 @JoelleLafond | 🟢 0000-0002-9844-2960

Education

2018 - 2023	PhD	Biological Sciences Université de Montréal Principal Investigator: Bernard Angers Thesis: <i>Molecular, cellular and morphological aspects of the atypical reproductive strategies of a vertebrate hybrid</i>
2015 - 2018	BSc	Biological Sciences Université de Montréal

Publications

2023	Submitted	To be announced.
2023	Submitted	To be announced.
2022	Published	L'heureux E., Lafond J. and Angers B. First record of the invasive slug <i>Arion vulgaris</i> Moquin-Tandon, 1885 (Gastropoda, Stylommatophora, Arionidae) in Quebec (Canada). <i>Bioinvasions Records</i> , 12(1): 136–150. DOI: doi.org/10.3391/bir.2023.12.1.12
2020	Published	Monette K., Leung C., Lafond J., Wittische J. and Angers B. Inferring responses to climate warming from latitudinal pattern of clonal hybridization. <i>Ecology and Evolution</i> , Volume 10, Issue 1, Pages 307–319. DOI: doi.org/10.1002/ece3.5896
2019	Published	Lafond J., Hénault P., Leung C. and Angers B. Unexpected Oogenic Pathways for the Triploid Fish <i>Chrosomus eos-neogaeus</i> . <i>Journal of Heredity</i> , Volume 110, Issue 3, Pages 370–377. DOI: doi.org/10.1093/jhered/esy072

Conferences

2024	Invited speaker	Evolution 2024: Symposium on Hybridization and Unisexual Vertebrates
2023	Oral (Live)	Evolution 2023
2023	Oral (Live)	33 rd Université de Montréal Biology Symposium
2023	Invited speaker – Cancelled	Evolution 2023; Symposium on Hybridization and Unisexual Vertebrates (no funding received).
2022	Oral (Virtual)	Evolution 2022
2022	Oral (Virtual)	32 nd Université de Montréal Biology Symposium
2022	Speed-Talk (Virtual)	32 nd Université de Montréal Biology Symposium
2021	Oral (Virtual)	ESEB Satellite Symposium: Genomic signatures and consequences of sex and asexuality
2021	Speed-Talk (Virtual)	Interuniversity Research Group in Limnology
2021	Oral (Virtual)	31 st Université de Montréal Biology Symposium
2021	Speed-Talk (Virtual)	31 st Université de Montréal Biology Symposium

2019	Oral (Live)	Quebec Center for Biodiversity Science
2019	Poster	Interuniversity Research Group in Limnology
2019	Oral (Live)	29 th Université de Montréal Biology Symposium
2019	Oral (Live)	7th International Workshop on the Biology of Fish Gametes

Academic Experience

2018-2022	TA (Grading)	Multiple courses over the years (Evolutionary Genetics, Populations Genetics, Bioethics, Adaptive Ecology).
2020	Lecturer	<i>Evolutionary Genetics</i> (Winter session). Taught both face-to-face and in virtual due to COVID emergence. Produced new teaching material and examinations, and improved old material.
2018-2022	TA (Exams)	Exam supervision. Over 20 contracts over the years.
2019	TA (Demo)	Bioethics course, in class help and discussions guidance.

Awards and Grants (PhD and up, in CAD)

2023	Dissemination of Graduate Student Knowledge Program FAECUM	500\$
2023	International Travel Fund FRQNT-GRIL	1000\$
2023	2 nd Prize at the Department's symposia (Oral presentation)	150\$
2023	CSBQ Excellence Award Quebec Center for Biodiversity Science	1350\$
2022	Scholarship for completing a PhD in 4 years of less* Faculty of Graduate Studies	12 000\$
2022	Scholarship of Excellence Faculty of Graduate Studies	2 000\$
2021	CSBQ Fund Scholarship Quebec Center for Biodiversity Science	3 372\$
2018 - 2022	Ichthyology Research Scholarship Joseph Arthur Paulus Foundation	3200\$
2018 - 2021	Direct Ph.D. Access Scholarship Faculty of Graduate Studies	30 000\$
2021	1 st Prize at the Department's symposia (Oral presentation)	100\$
2021	1 st Prize at the Department's symposia (Speed-Talk)	100\$
2020	Scholarship of Excellence** Hydro-Québec	20 000\$
2020	Doctoral Scholarship Fédération des caisses Desjardins du Québec	1 500\$
2020	Dissemination of Research Results Grant Faculty of Graduate Studies	1 514\$
2019	Scholarship of Excellence Étienne Magnin Foundation	5 000\$
2019	Travel Grant (for a Symposia) The American Genetic Association	200\$
2019	1 st Prize at the Department's symposia (Oral presentation)	60\$
2018	Scholarship of Excellence Department's Funds	1 500\$
Total		84k \$

* 5 years or less in the case of a direct transfer from Undergraduate studies to PhD.

** Should have been renewed twice (totaling 60K\$), but a change in the grant's projects spectrum made me ineligible after one year.

Social Mobilization, Outreach & Lab Involvement

2021 - Present	Management of laboratory products Includes inventory of the stocks, evaluation of the needs for the lab's experiments and purchases through our institute system. Prices and products comparison and choice.
2020 - Present	Creation and management of the Lab's website: http://www.mapageweb.umontreal.ca/labobangers/ Includes HTML/CSS website creation, launch and maintenance.
2022	Support Our Science Marching and chanting for higher salaries of graduate students as well as postdocs.

2022	Researchers' Night in Montreal (Botanical Garden) Event aiming to open the sometime obscure world of scientists to people of the public. I vulgarized my research to people of all ages and knowledge. As a "demo", my role was to set up a table with many trigger objects from the lab, aiming to incite curiosity all night long. More than 700 were present!
2021	Researchers' Night in Montreal (Biodome) Event aiming to open the sometime obscure world of scientists to people of the public. As a "one-on-one" volunteer, my role was to openly discuss about my research and the day-to-day life of a graduate student in research for a few hours. All that with members of the public of all ages, in small groups, aiming for a highly interacting discussion. More than 300 curious people were present!
2021	Seminars' Poster template of the Institut de Recherche en Biologie Végétale (Montreal) Producing high quality template for the weekly seminars of the institute.
2021	GRIL Annual Symposium Organizing Committee Giving help and direction on the creation of the <i>Gather</i> rooms for the Symposium.
2021	Department's Annual Symposium Organizing Committee Choosing the theme and guests, building the <i>Gather</i> platform, contacting potential guests and evaluators, building the website, and creating the event poster.
2020	Department's Research Day Organizing Committee Building the event's page on <i>Studium (Moodle)</i> and producing the lab's graphic material for the event.
2020	Seed Predation Experiment (Collaborative Science Project) Experiment lead by Dr. Anna L. Hargreaves (McGill University, Montreal) aiming to understand the effect of urbanization on plant herbivory. Involved taking frequent measures of seed predation in numerous habitat type from spring to fall. 360 samplings, 45h of work.
2020	Mission Monarch by Space for Life (Community Science) Aimed to understand and monitor monarch butterflies' populations as this species is declining in North America. Involved lots of milkweed samplings to check for any life stages of the monarch butterfly.

Supervision Experiences

2017 - 2023	Primary wetlab mentor (5 undergraduate students over the years) DNA extractions; Genotyping with microsatellites and other markers; Mitochondrial origins determination; Methylation sensitive amplification analyses; Lab Safety.
2022	Primary field mentor (1 undergraduate student) Supervision of an intern for another PhD student's project on the field, since I had assisted the same student in the precedent year. Pollinators sampling; GoPro cameras setup; Flowers picturing for morphometric analysis.
2021	Secondary wetlab mentor (1 undergraduate student) General laboratory supervision; Lab Safety.

Academic Service

2019	Peer Review	Ecology of Freshwater Fishes
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