

Prof. ISABELLE LAFOREST-LAPOINTE (PhD)

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PROFESSIONAL APPOINTMENTS

2020 – [...]	Assistant Professor Département de Biologie, Université de Sherbrooke (UdeS), Sherbrooke, Canada.
2017 – 2019	Postdoctoral Fellow Cumming School of Medicine, Depts. Of Physiology and Pharmacology, & Pediatrics, University of Calgary
2016 – 2017	Research Associate Centre de Foresterie des Laurentides (CFL) Canadian Government Forest Service Agency, Quebec, Canada.

EDUCATION

2012 – 2017	PhD, Biological Science with <u>mention of excellence</u> Université du Québec à Montréal (UQAM), Montréal, Canada.
2011 – 2012	MSc, Statistics (professional – classes completed) Universitat Politècnica de Catalunya, Barcelona, Spain.
2010 – 2011	MSc, Terrestrial Ecology & Biodiversity Management Universitat Autònoma de Barcelona, Barcelona, Spain.
2007 – 2010	BA, Biology (Conservation & Environment), Université Laval, Ca.

FUNDING AND AWARDS

Research Grants (more than ~5.7M\$, lead PI are in bold)

2020 – 2026	180,500\$ – NSERC Discovery Grant
2020 – 2025	600,000\$ – T2 Canada Research Chair – Applied Microbial Ecology
2020 – 2025	926,570\$ – NSERC Alliance (lead PI: Pr. D. Gravel)
2022 – 2025	150,000\$ – FRQNT NOVA Early Career (lead PI: Pr. C. Girard)
2021 – 2024	307,000\$ – NSERC Alliance (lead PI: Pr. A. Paquette)
2021 – 2024	381,000\$ – FRQNT partenariat secteur minier (lead PI: Pr. S. Roy)
2021 – 2023	250,000\$ – New Frontiers: Exploration
2021 – 2023	126,200\$ – FRQNT: Early Career Establishment
2020 – 2023	300,000\$ – FRQNT partenariat secteur minier (lead PI: Pr. S. Roy)
2020 – 2023	180,000\$ – FRQNT Équipe & NOVA supplement (lead PI: Pr. P. Moffett)
2022 – 2023	1,055,008\$ – IRSC Nouveaux besoins COVID19 (lead PI: Pr. JC. Pasquier)
2021 – 2022	997,273\$ – IRSC Nouveaux besoins COVID19 (lead PI: Pr. JC. Pasquier)
2022	15,000\$ – Nouvelles initiatives recherche CEF (lead PI: Pr. A. Munson)
2020	325,000\$ – Canada Foundation for Innovation (CFI)

Fellowships

2017 – 2019	50,000\$/year – ACHRI & Cumming Sc. of Medicine Excellence Fellow.
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Awards

2022	4,000\$ – Prix Tremplin (Early-career award), UdeS
2021	2,000\$ – Gisèle-Lamoureux Award for article in French, FRQNT
2021	1,500\$ – Canadian Society of Ecology and Evolution Early Career Award
2021	Nominated for Quality of Teaching Award – Faculty of Medicine
2018	50\$ – Best postdoctoral presentation, Snyder Institute Research Day
2018	Top 10 Scientific Discoveries of 2017 by Québec Science
2017	1,000\$ – UQAM Research Award for 2016 best student publication
2017	500\$ – CSEE PhD Excellence & Diversity Award

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| 2022 | 1. †*Lajeunesse, G., †*Roussin-Léveillé, C., [...], # Laforest-L., I. , & Moffett, P. Light prevents pathogen-induced aqueous microenvironments via potentiation of salicylic acid signaling. (In review at <i>Nature Communications</i>). |
| | 2. †Gutierrez, M.W., [...] Laforest-L., I. <i>et al.</i> Maturational patterns of the infant gut mycobiome are associated with early-life body mass index. (In review <i>Cell Reports Med</i>) |
| | 3. †Renaudin, M., Laforest-L., I. , & Bellenger, J.P. Unraveling global and diazotrophic microbiomes of dominant feather mosses in the North American boreal forest. <i>Science of the Total Environment</i> , 155761. 10.1016/j.scitotenv.2022.155761 |
| | 4. DeBellis, T., Laforest-L., I. , <i>et al.</i> Regional variation drives differences in bacterial and fungal communities associated with sugar maple (<i>Acer saccharum</i>) leaves and roots across a latitudinal range. <i>Ecology</i> , e3727. 10.1002/ecy.3727 |
| 2021 | 5. †Perreault, R. & # Laforest-L., I. (2021) Plant-microbe interactions in the phyllosphere: Facing Challenges of the Anthropocene. <i>ISME J.</i> 10.1038/s41396-021-01109-3 |
| | 6. †Partida-Rodriguez, O., †Nieves-Ramírez, M., Laforest-L., I. , <i>et al.</i> (2021) Exposure to parasitic protists and helminths changes the intestinal community structure of bacterial microbiota but not of eukaryotes in a cohort of mother-child binomial from a semi-rural setting in Mexico. <i>mSphere</i> , 10.1128/mSphere.00083-21 . |
| | 7. †Mahdavi, M., Laforest-L., I. & Massé, E. (2021) Preventing colorectal cancer through prebiotics. <i>Microorganisms</i> 9(6):1325, 10.3390/microorganisms9061325 . |
| | 8. †Klancic, T., Laforest-L., I. , <i>et al.</i> (2021) Concurrent Prebiotic Intake Reverses Insulin Resistance Induced by Early-Life Pulsed Antibiotic in Rats. <i>Biomedicines</i> , 9(1):66, 10.3390/biomedicines9010066 . |
| 2020 | 9. Laforest-L., I. , [...], Azad, M.B. & Arrieta, M.C. (2021) Maternal consumption of artificially sweetened beverages during pregnancy is associated with infant gut microbiota and metabolic modifications and increased infant body mass index. <i>Gut Microbes</i> , 13:1, 1-15, 10.1080/19490976.2020.1857513 . |
| | 10. †Van Tilburg Bernardes, E., †Pettersen, V.K., †Gutierrez, M.W., Laforest-L., I. , <i>et al.</i> (2020) Contribution of fungal microbiome to intestinal physiology, early-life immune development and mucosal inflammation in mice. <i>Nature Communications</i> , 11:2577 10.1038/s41467-020-16431-1 . |
| | 11. †Heirali, A.A., Thornton, T., [...] Laforest-L., I. <i>et al.</i> (2020) Inhaled tobramycin's effect on the respiratory microbiome and association with clinical response in adults with cystic fibrosis. <i>Thorax</i> 10.1136/thoraxjnl-2019-214191 |
| | 12. †Klancic, T., Laforest-L., I. , <i>et al.</i> (2020) Prebiotic oligofructose prevents antibiotic-induced obesity risk and improves metabolic and gut microbiota profiles in rat dams and offspring. <i>Mol Nutrition and Food Research</i> , 64(16):2000288. 10.1002/mnfr.202000288 |
| 2019 | 13. Laforest-L., I. & Whitaker, B. (2019) Decrypting the Phyllosphere Microbiome: Progress and Challenges. <i>American Journal of Botany</i> , 106(2):171-173. 10.1002/ajb2.1229 |
| | 14. †Heirali, A.A. [...] Laforest-L., I. , <i>et al.</i> (2019) The Effects of Cycled Inhaled Aztreonam on the Cystic Fibrosis (CF) Lung Microbiome. <i>J Cystic Fibrosis</i> . 10.1016/j.jcf.2019.02.010 |
| 2018 | 15. †*Wallace, J., * Laforest-L., I. & Kembel, SW. (2018) Variation in the Leaf and Root Microbiome of Sugar Maple (<i>Acer saccharum</i>) at an Elevational Range Limit. <i>PeerJ</i> , 6:e5293. 10.7717/peerj.5293 |
| | 16. Ruiz-Gonzalez, C. Lapierre, E., Laforest-L., I. <i>et al.</i> (2018) Soils Associated to Different Tree Communities do not Elicit Predictable Responses in Lake Bacterial Community Structure and Function. <i>FEMS Microbiology Ecology</i> . 10.1093/femsec/fiy115 |

2018	{	17. †Nieves-Ramírez, M., †Partida-Rodríguez, O., Laforest-L., I., et al. (2018) Asymptomatic Intestinal Colonization with Protozoan <i>Blastocystis</i> sp. is Strongly Associated with Distinct Microbiome Ecological Patterns. <i>mSystems</i> . 10.1128/mSystems.00007-18
		18. Laforest-L., I. & M.C. Arrieta. (2018) Microbial Eukaryotes: A Missing Link in Gut Microbiome Studies. <i>mSystems</i> , 3:e00201-17. 10.1128/mSystems.00201-17
2017	{	19. Laforest-L., I. , Messier, C. & Kembel, SW. (2017) Tree Leaf Bacterial Community Structure and Diversity Differ along a Gradient of Urban Intensity. <i>mSystems</i> , 2(6):e00087-17. 10.1128/mSystems.00087-17
		20. Laforest-L., I. & M.C. Arrieta. (2017) Patterns of Early-Life Gut Microbial Colonization during Human Immune Development: An Ecological Perspective. <i>Frontiers in Immunology</i> , 8(788), 1664-3224. 10.3389/fimmu.2017.00788
		21. Laforest-L., I. , Paquette, A., Messier, C. & Kembel, SW. (2017) Leaf Bacterial Diversity Mediates Plant Diversity – Ecosystem Function Relationships. <i>Nature</i> , 546(7656): 145-147. 10.1038/nature22399
2016	{	22. †St-Denis, A., Kneeshaw, D., Bélanger, N., Simard, S., Laforest-L., I. & Messier, C. (2017) Species-specific responses to forest soil inoculum in planted trees in an abandoned agricultural field. <i>Applied Soil Ecol</i> , 112:1-10. 10.1016/j.apsoil.2016.12.008
		23. Laforest-L., I. , Messier, C. & Kembel, SW. (2016) Tree Phyllosphere Bacterial Communities: Exploring the Magnitude of Intra- and Inter-Individual Variation Among Host Species. <i>PeerJ</i> , 4:e2367. 10.7717/peerj.2367
		24. Laforest-L., I. , Messier, C. & Kembel, SW. (2016) Host Species Identity, Site and Time Drive Temperate Tree Phyllosphere Bacterial Community Structure. <i>Microbiome</i> , 4(1):1. 10.1186/s40168-016-0174-1
2015	{	25. †Wallace, J., [...], Laforest-L., I., et al. (2015) Present Forest Management Structures and Policies in Temperate Forests of Mexico: Challenges and Prospects for Unique Tree Species Assemblages. <i>Forestry Chronicle</i> , 91(3):306-317. 10.5558/tfc2015-052
2014	{	26. Laforest-L., I. , Martínez-Vilalta, J. & Retana, J. (2014) Intraspecific Variation in Functional Traits Matters: Case Study of Scots Pine. <i>Oecologia</i> . 175(4):1337-1348. 10.1007/s00442-014-2967-x

PROFESSIONAL ACTIVITIES

Organized Sessions/Conferences (n=5; three international, one national, and one regional)

- †Ishak, S. & **Laforest-Lapointe, I.** (2022) Mosses. *Ecological Society of America (ESA)*, August 14-10th, Montréal.
- †Chamard, J. & **Laforest-Lapointe, I.** (2022) Mycorrhizae. *ESA*, August 14-19th, Mtl.
- **Laforest-Lapointe, I.**, Beauregard, P. & Moffett, P. (2021) Interactions plante-microorganismes : défis, politiques et opportunités. *ACFAS*, May 4-9th, Sherbrooke.
- **Laforest-Lapointe, I.** & Ziter, C. (2019) Integrating urban ecology across scales & trophic levels. *Canadian Society of Ecology & Evolution (CSEE)*, August 20th, Fredericton, Can.
- **Laforest-Lapointe, I.** & Whitaker, B. (2018) Host-Microbe Interactions on Leaves: Plant and Ecosystem Resilience. *ESA*, August 4-10th, New Orleans, USA.

Keynote (n=4; one international, one national, two regional)

- **Laforest-Lapointe, I.** (2022) Les défis de l'écologie microbienne. *ULaval*, August 26th.
- **Laforest-Lapointe, I.** (2022) Host-microbe interactions: who runs the show? Ottawa-Carleton Institute of Biology Symposium, May 12th (web).
- **Laforest-Lapointe, I.** (2021) Challenges of microbial ecology. *CSEE*, August 16th (web).

- **Laforest-Lapointe, I.** (2020) Impact of host-microbe interactions on ecosystem functions. *byteMAL*, October 14th (web).

Guest Speaker (n=25)

2022 (n=8; two international, one national, five regional)

- **Laforest-Lapointe, I.** Le microbiome: 10 ans de découvertes. *INRS*, October 25th, Montréal.
- **Laforest-Lapointe, I.** Impact des édulcorants artificiels sur le microbiome humain. Retraite annuelle du *CRCHUS*, October 20-21st, Sherbrooke.
- **Laforest-Lapointe, I.** Phyllosphere in the Anthropocene. *11th International Symposium on Leaf Surface Microbiology*, July 18th, Davis, California, USA.
- **Laforest-Lapointe, I.** (2022) Friend or foe: the roles of microbes for Sugar maple facing climate change. *Canadian Society of Microbiology (CSM)*, June 28th, Guelph, Ontario, Ca.
- **Laforest-Lapointe, I.** PROVID: Testing the impact of probiotics on COVID19 symptoms. *International Scientific Association for Pro- and Pre-biotics*, June 17th, ISAPP, Barcelona.
- **Laforest-Lapointe, I.** L'évolution de la recherche. *ACFAS*, May 10th (web).
- **Laforest-Lapointe, I.** Le microbiome de la forêt québécoise. Centre d'Étude de la Forêt (CEF), May 5th (web).
- **Laforest-Lapointe, I.** Le microbiome: 10 ans de découverte. Kaféak, March 10th, UdeS.

2021 (n=3; one international, one national, one regional)

- **Laforest-Lapointe, I.** (2021) Host-Microbe Interactions: Who Runs the Show? *University of Guelph*, November 18th (web).
- **Laforest-Lapointe, I.** (2021) Round table: Challenges of a massive transition, Colloque 31 Thinking the after (COVID-19), *ACFAS*, May 5th (web).
- **Laforest-Lapointe, I.** (2021) Impact of host-microbe interactions on ecosystem functions. *Stockholm University*, April 22nd (web).

2020 (n=9; three international, one national, and five regional)

- **Laforest-Lapointe, I.** Les “omiques” pour inférer l'écologie microbienne de l'intestin: défis et opportunités. *CRCHUS*, September 14th (web).
- **Laforest-Lapointe, I.** How has science lived and adapted to the pandemic? Comité de Partenariat International du Centre Sève, August 25th (web).
- **Laforest-Lapointe, I.** Impact of host-microbe interactions on ecosystem functions. *CREATE Technomise*, June 8th (web).
- **Laforest-Lapointe, I.** Microbial ecology: a framework for understanding pro- & pre-biotics. *International Scientific Association for Pro- and Pre-biotics*, June 3rd (web).
- **Laforest-Lapointe, I.** Using microbial ecology as a framework to understand host-microbe interactions. *Centre Sève*, June 2nd (web).
- **Laforest-Lapointe, I.** Impact of host-microbe interactions on ecosystem functions. *Microbiome Data Congress*, May 6th (web).
- **Laforest-Lapointe, I.** Using omics to infer gut microbial ecology. *Canadian Digestive Disease Week*, February 29th, Montréal, Canada.
- **Laforest-Lapointe, I.** Interactions hôte-microorganismes : Qui mène le bal? Séminaire du département de biologie, February 14th, *UQTR*, Trois-Rivières, Canada.
- **Laforest-Lapointe, I.** La multidisciplinarité pour démystifier les interactions hôte-microbes. Biology Department, February 7th, *UdeS*, Sherbrooke, Can.

2018 (n=5; one international and four regional)

- **Laforest-Lapointe, I., et al.** Intestinal fungi impact the gut bacterial microbiome and elicit host immune changes related to atopy. *Snyder Research Day*, Dec. 13th, UofC, Canada.
- **Laforest-Lapointe, I.** Host-Microbe Interactions: Who Runs the Show? *Microbial Ecology Speaker Series*, December 6th, Montréal, Canada.
- **Laforest-Lapointe, I.** Using applied microbial ecology to link plant-microbe interactions to ecosystem function. *Microbial Ecology and Evolution in the Phyllosphere*, September 21st, Santa Barbara, California, USA.
- **Laforest-Lapointe, I.** Interactions hôte-microorganismes : Qui mène le bal? Séminaire de l'Institut de biologie intégrative et des systèmes, August 31st, ULAVAL, Québec, Canada.
- **Laforest-Lapointe, I.** Interactions plante-microbiome: Qui mène le bal? *UdeS* May 9th Ca.

Meetings with Selection Committee (n=11)

- †Renaudin, M., **Laforest-Lapointe, I.**, & Bellenger, JP. (2022) Unraveling the environmental drivers of the feather moss bacteriome and its nitrogen fixation in the Canadian boreal forest. *ESA/CSEE joint meeting*, August 17th, Montreal, Canada.
- **Laforest-Lapointe, I.**, Azad, M. & Arrieta, MC. (2021) Consumption of artificial sweeteners during pregnancy is associated with infant gut microbiota, metabolic alterations, and increased BMI. *CSM*, May 17th (web).

2019 (n=2; one national and one regional)

- **Laforest-Lapointe, I.**, Messier, C. & Kembel, SW. Variation in the Leaf and Root Microbiome of Sugar Maple (*Acer saccharum*) at an Elevational Range Limit. *QCBS*, Can.
- **Laforest-Lapointe, I.**, Messier, C. & Kembel, SW. Dynamics of the tree leaf microbiome along a gradient of increasing anthropogenic stresses. *CSEE*, Aug. 20th, Fredericton, Can.

2018 (n=2; both international)

- **Laforest-Lapointe, I.**, Messier, C. & Kembel, SW. Dynamics of the tree leaf microbiome along a gradient of increasing anthropogenic stresses. *ESA*, Aug. 7th, New Orleans, USA.
- **Laforest-Lapointe, I.** & M.C. Arrieta. *Blastocystis* sp.: An Agent of Complexity for the Early-Life Gut Microbiota. *Keystone Symposia*, March 4-8th, Banff, Canada.

2017 (n=2; one international and one national)

- **Laforest-Lapointe, I.**, Messier, C. & Kembel, SW. Leaf Bacterial Diversity Mediates Plant Diversity – Ecosystem Function Relationships. *ESA*, August 11th, Portland, USA.
- **Laforest-Lapointe, I.**, Messier, C. & Kembel, SW. Leaf Bacterial Diversity Mediates Plant Diversity – Ecosystem Function Relationships. *CSEE*, May 7th, Victoria, Canada.

2016 (n=3; two international, one national)

- **Laforest-Lapointe, I.**, Messier, C. & Kembel, SW. (2016) De la forêt à la ville: comment change le microbiome foliaire des arbres. *CCFU*, September 26-29th, Laval, Canada.
- **Laforest-Lapointe, I.**, Paquette, A., Messier, C. & Kembel, SW. (2016) Plant-Associated Bacterial Diversity Impacts Tree Productivity in a Biodiversity Experiment. *ISME*. Aug. 22-26th, Montreal, Canada.
- **Laforest-Lapointe, I.**, Paquette, A., Messier, C. & Kembel, SW. (2016) Linking Tree Leaf Bacterial Communities with Plant Traits and Productivity in a Tree Biodiversity Experiment. *ESA*, August 8-12th, Fort Lauderdale, USA.

Outreach (†trainee)

- **Laforest-Lapointe, I.** Microbes et changements climatiques : opportunités et défis. *Lancement du Climatoscope 4^e édition*, September 29th, Montréal.
- **Laforest-Lapointe, I.** (2022) À la découverte du microbiome, Université du 3^e âge, UdeS.
- †Perreault, R. & **Laforest-Lapointe, I.** (2020) Article in [Le Climatoscope](#), 2nd edition.
- Laforest-Lapointe, I. (2018) [Arbres et microbes: à qui la feuille?](#) Vecteur Environnement.
- Laforest-Lapointe, I. (2018) [Microbiomes: des cités sur les feuilles](#). ACFAS, Découvrir.

Media

- [Une équipe universitaire se penche sur les effets bénéfiques d'une bonne planification urbaine sur la population](#), interview for *La Tribune*
- [La vie urbaine impactée par le vert](#), interview for *Le Collectif*, UdeS student journal
- [Du grand plaisir de s'engager](#), ACFAS (2021)
- [La relève du Québec pense l'après-COVID19](#) (2020) Dossier dans *La Presse* et ACFAS
- [Contribution to the podcast 20%](#) (2020) *Québec Science*
- [Live show contribution to Moteur de Recherche](#) (2020) *Radio-Canada*
- [Micro-Eukaryotes in Plant and Gut Microbiomes](#), (2019) *QIAGEN*
- [Why microbiome science needs to incorporate ecological perspectives – and five steps for making it happen](#), (2019), Microbiome Times
- [Meet a microbiome researcher: Q&A with Dr. Isabelle Laforest-Lapointe](#), (2018) *QIAGEN*
- [Top 10 découvertes scientifiques de l'année 2017](#) (2018) *Canal Savoir*
- [Les Années Lumières](#) (2017) *Radio-Canada*

Journal Junior Editor

- ISME Communications (December 2020 – December 2023)

Reviewer (~10 manuscripts/year)

- Journals: Scientific Reports, PNAS, Nature Communications, ISMEJ, New Phytologist, Ecology, Functional Ecology, Ecology & Evolution, mSystems, PeerJ, Botany, Environmental Microbiology, Microbiome, Microbial Ecology, Journal of Applied Ecology, Molecular Ecology.
- Scholarship and Fellowship Programs: NSERC PDF & PGF, MAPAQ, OMAFRA, Mitacs, Sentinel Nord, FRQNT Équipe, NSERC Discovery, Fonds Wetenschappelijk Onderzoek, USA Graduate Women In Science (GWIS) National Fellowship Program.

Committees

- 2022 – [...] Animation committee for Federating Theme on Global Change – UdeS
- 2022 – [...] Natural Sciences Scholarship committee – UdeS
- 2021 – [...] Research committee – Faculty of Sciences, UdeS
- 2020 – [...] Equity, Diversity, and Inclusion (EDI) committee – Faculty of Sciences
- 2020 – [...] Equity, Diversity, and Inclusion (EDI) committee – Chair, Biology dep.
- 2020 – [...] Science Advisory Committee for the Microbiome Data Congresses
- 2020 – 2023 NSERC Fellowships and Scholarships Comm. 169 Ecology & Evolution
- 2019 – 2021 ACFAS Scientific Committee

Online Scientific Outreach

2015-2022 Personal [Website](#) 32 posts, 19548 views, 8567 visitors.

SPECIAL CIRCUMSTANCES

March 2020 – September 2020 *Covid-19* with 1yo 100% under my care at home

Jan 2019 – Jan 2020 *Maternity Leave*

HQP (n=16)

MSc (n=11)

Rebecca Dionne-Gagné	(Sep 2022 – [...])	directed by Pr. Catherine Laprise (UQAC)
Samuel Malo	(Jan 2022 – [...])	directed by Pr. J-Philippe Bellenger (UdeS)
Sarah Poirier	(Jan 2022 – [...])	co-director Pr. Catherine Girard (UQAC)
Rosaëlle Perreault	(Jan 2022 – [...])	co-director Pr. Peter Moffett (UdeS)
Mahtab Amjadi	(Sep 2021 – [...])	directed by Pr. JP Bellenger (UdeS)
Lya Blais	(Jan 2021 – [...])	directed by Pr. Jean-Philippe Côté (UdeS)
Olivier Alix-Paré	(Jan 2021 – [...])	directed by Sébastien Roy (UdeS)
Gaële Lajeunesse	(Jan 2021 – [...])	co-director Pr. Peter Moffett (UdeS)
Karina Gisèle Mac Si Hone	(Sep 2020 – Dec 2022)	co-director Pr. Éric Massé (UdeS)
Sarah Ishak	(Sep 2020 – Dec 2022)	co-director Pr. Sébastien Roy (UdeS)
Joey Chamard	(Sep 2020 – Dec 2022)	co-director Pr. PL Chagnon (UdeM)

PhD (n=4)

Jérémy Fraysse	(Jan 2022 – [...])	co-directed by Alain Paquette (UQAM)
Sarah Tardif	(Sep 2021 – [...])	directed by Pr. Alain Paquette (UQAM)
Manijeh Mahdavi Mazdeh	(Avr 2021 – [...])	directed by Pr. Éric Massé (UdeS)
Abdonaser Poursalavati	(Jan 2021 – [...])	co-director Dr. Mamadou Fall (AAC)

Postdoc (n=1)

Maria Faticov	(Jan 2022 – [...])
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TEACHING EXPERIENCE

2022	<i>Instructor & organizer – “Getting started with R”, 2 days, UdeS</i>
2021 – [...]	<i>Professor – Biostats, UdeS</i>
2021 – [...]	<i>Guest professor– Bioinformatics, Microbiome, Plant-microbe inter., UdeS</i>
2018	<i>Instructor & organizer – “Microbiome Workshop”, 4 days, UofC, Calgary</i>
2017 – 2018	<i>Teaching assistant for the International Microbiome Centre, UofC, Calg.</i>
2014 – [...]	<i>Software Carpentry & Data Carpentry trained instructor</i>

POSTDOC AND PHD DIRECTORS

Pr. Marie-Claire Arrieta (UofC)	Post-doctoral director – marie.arrieta@ucalgary.ca
Pr. Steven Kembel	PhD director – kembel.steven_w@uqam.ca
Pr. Christian Messier	PhD co-director – messier.christian@uqam.ca

Successful people in any field are always members of a certain set: the set that won't give up.