

2021 Michael John Page Postdoctoral Fellow Award

The Michael John Page Postdoctoral Fellow Award recognizes a Postdoctoral Fellow who reflects Dr. Page's academic excellence and his passion for life.



Dr. Michael John Page

Award Ceremony
Wednesday, October 27, 2021

Zoom link will be sent

11:00 - 12:00pm PT



Dr. Alison McAfee

Postdoctoral Fellow, 2021 Award Recipient
*Foster Lab, UBC Department of Biochemistry and
Molecular Biology & CBR*

Join Alison as she presents:

“Causes and consequences of honey bee infertility”

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**Department of Biochemistry and
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Endowment**

Alison McAfee abstract

A honey bee queen is the sole egg-layer in a colony, and colony fitness depends on her health and productivity. Worryingly, beekeeper surveys show that "poor queen quality" is one of the most frequently reported causes of colony death, but little is known about the underlying cause of declining quality. I research biotic and abiotic factors affecting queen fertility, with a focus on temperature stress, which has become even more relevant in the wake of the heatwave last June. In this talk, I'll describe how queens are vulnerable to temperature stress, practical methods of mitigating risk, and implications this stress response has on queens' ability to combat infectious disease.