

# Atlantic Canada Association of Parasitologists

## Annual meeting 2019

October 25 to 27, Customs House Inn, Pictou, Nova Scotia

### Friday, October 25

17:00 Registration (\$75 for full-time faculty, \$60 for students, post-docs, and retirees)

18:30 **ACAP Reception**

*Customs House Inn*

Russell Easy's and sous-chef Dave Shutler's famous seafood chowder

### Saturday, October 26

09:20 Convenors: **Russell Easy, Dave Shutler, and Todd Smith**

*Acadia University*

Welcome to ACAP 2019

09:30 **Kiara Kallio\*, Emma Costello, Laura Ferguson, and Todd Smith**

*Acadia University*

Blood, sweat, and snakes: Role of temperature on immune function in mosquitoes infected with *Hepatozoon sipedon* from the blood of eastern garter snakes

09:45 **Simo Liu\*, Nicoletta Faraone, Kevin Cloonan, Sean McCann, Kirk Hillier, Laura Ferguson, and Todd Smith**

*Acadia University*

Effects on mosquitoes (*Culex territans*) of volatiles released from the epidermal microbiome of green frogs (*Rana clamitans*) infected with *Hepatozoon* blood parasites

10:00 **Aileen Feschuk\*, Todd Smith, and Russell Easy**

*Acadia University*

AMPing up the temperature in green frogs

10:15 **Jenna Priest\*<sup>1</sup>, Don Stewart<sup>1</sup> Michael Boudreau<sup>2</sup>, and Dave Shutler<sup>1</sup>**

<sup>1</sup>*Acadia University*, <sup>2</sup>*Nova Scotia Department of Lands and Forestry, Wildlife Division*

Host-parasite associations in coyotes (*Canis latrans*) in Nova Scotia

10:30 Coffee break

11:00 Keynote address: **Barb Katzenback**

*University of Waterloo*

Antiviral mechanisms of aquatic vertebrate skin cells

- 12:00 **ACAP Lunch**  
*Customs House Inn*  
Sponsored by the Parasitism, Immunity, and Environment section of the Canadian Society of Zoologists
- 13:00 **Eyre Nomi\*** and **Robin Beech**  
*McGill University*  
Mechanisms of neurotransmitter receptor subunit compatibility
- 13:15 **Will Bauer\***, **Russell Easy**, and **Don Stewart**  
*Acadia University*  
The mussel larval stage: how an underappreciated parasite is a conservation issue
- 13:30 **Samantha Stevens<sup>1</sup>**, **Elizabeth Baker<sup>2</sup>**, **Melanie Buote<sup>3</sup>**, and **Fraser Clark<sup>1</sup>**  
<sup>1</sup>*Dalhousie University*, <sup>2</sup>*Mount Allison University*, <sup>3</sup>*University of Prince Edward Island*  
Parasite survey of rock crabs from the Maritime Provinces
- 13:45 **Kylee Graham<sup>\*1,2</sup>**, **Laura Bourque<sup>1,2</sup>**, **Amanda Clark<sup>1,2</sup>**, **Gary Conboy<sup>1</sup>**, **Spencer Greenwood<sup>1</sup>**, **Garry Gregory<sup>3</sup>**, and **Megan Jones<sup>1,2</sup>**  
<sup>1</sup>*University of Prince Edward Island*, <sup>2</sup>*Canadian Wildlife Health Coöperative, Atlantic Region, PEI*, <sup>3</sup>*Prince Edward Island Department of Environment, Water, and Climate Change, Fish and Wildlife Section*  
Distribution and characterization of sarcoptic mange in red foxes (*Vulpes vulpes*) in Prince Edward Island
- 14:00 **Will Robbins<sup>\*1</sup>**, **Spencer Greenwood<sup>1</sup>**, **Amanda Egers<sup>1</sup>**, **Roland Schaper<sup>2</sup>**, and **Gary Conboy<sup>1</sup>**  
<sup>1</sup>*University of Prince Edward Island*, <sup>2</sup>*Bayer Animal Health, Germany*  
Snailed it! A gastropod intermediate host survey of metastrongyloid helminths on Prince Edward Island
- 14:15 **Amanda Egers<sup>\*1</sup>**, **Gary Conboy<sup>1</sup>**, **Will Robbins<sup>1</sup>**, **Shannon Martinson<sup>1</sup>**, **Laura Bourque<sup>1,2</sup>**, **Megan Jones<sup>1,2</sup>**, and **Spencer Greenwood<sup>1</sup>**  
<sup>1</sup>*University of Prince Edward Island*, <sup>2</sup>*Canadian Wildlife Health Coöperative, Atlantic Region, PEI*  
Both sides now: the need for complementary morphological and molecular approaches to parasite identification
- 14:30 Coffee break
- 15:00 **Naaman Omar\*** and **Vett Lloyd**  
*Mount Allison University*  
East African ticks
- 15:15 **Alexandra Foley-Eby\*** and **Vett Lloyd**  
*Mount Allison University*  
Ticks on Prince Edward Island

- 15:30 **Caitlin McGowan\*** and **Vett Lloyd**  
*Mount Allison University*  
*Borrelia burgdorferi* exposure in cattle from New Brunswick and Nova Scotia
- 15:45 **Jane Bailey\*** and **Vett Lloyd**  
*Mount Allison University*  
Citizen science and tick collecting in the Maritimes
- 16:00 Free time
- 18:30 **ACAP Banquet**  
*Customs House Inn*  
Dave Shutler's and sous-chef Russell Easy's famous chilli
- 20:00 Social festivities

**Sunday, October 27**

Have a safe trip home!