

Atlantic Canada Association of Parasitologists

Annual meeting 2022 - November 26, 2022

Customs House Inn, Pictou, Nova Scotia

Friday, November 25, 2022		
17:00	Registration	\$75 for full-time faculty \$60 for students, post-docs, and retirees
18:30	ACAP Reception	Russell Easy and sous-chef Dave Shutler's seafood chowder.

Saturday, November 26, 2022		
09:00	Melanie Buote <i>AVC at UPEI</i>	Convenor: Welcome to ACAP 2022
09:15	Tori David <i>Acadia University</i>	Immune responses of mosquitoes infected with <i>Hepatozoon</i> species from Common Garter Snakes Tori David, Sophie Visser, Laura Ferguson, and Todd Smith Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada
09:30	Sophie Visser <i>Acadia University</i>	Effects of microplastics on mosquito physiology and susceptibility to <i>Hepatozoon clamatae</i> in <i>Culex territans</i> Sophie Visser, Tori David, Laura Ferguson, and Todd Smith Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada
09:45	Jenna Priest <i>Acadia University</i>	Post-mortem measures of immunity in wild vertebrates: an investigation in wild canid hosts Jenna Marie Priest ^{1,2} , Michael Boudreau ² , Rikki Clark ¹ , Todd Smith ¹ , Melanie R. Power Coombs ^{1,3} , Dave Shutler ¹ ¹ Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada; ² Wildlife Division, Department of Natural Resources and Renewables, Kentville, Nova Scotia, Canada; ³ Pathology Department, Dalhousie University, Halifax, Nova Scotia, Canada
10:00	Willow Bennett <i>Acadia University</i>	Interactions Among <i>Parelaphostrongylus tenuis</i> Nematodes, Mercury, and Corona Virus in White-Tailed Deer Willow Bennett ¹ , Jenna Priest ² , Jason Airst ² , Nelson O'Driscoll ¹ , Glen Parsons ² , and Dave Shutler ¹ ¹ Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada; ² Wildlife Division, Department of Natural Resources and Renewables, Kentville, Nova Scotia, Canada;
10:15	Taryn Muldoon <i>Acadia University</i>	A spatiotemporal analysis of parasite detectability from bat guano Muldoon T., Phinney L., Stewart D., Shutler D. Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada
10:30	Alicja Muir <i>Acadia University</i>	Behavioural responses of <i>Varroa destructor</i> mites to volatiles within Western honey bee (<i>Apis mellifera</i>) colonies Alicja Muir, Dave Shutler, and Kirk Hillier Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada
10:45	Coffee break	
11:00	Keynote address: Pierre-Yves Daoust <i>AVC at UPEI</i>	The ubiquitous nature of parasites in wildlife Pierre-Yves Daoust Professor Emeritus, Department of Pathology and Microbiology, Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, PE, Canada

12:00	Lunch break	
13:00	Emma Rand <i>Acadia University</i>	Investigating the Thermal Immune Performance of Mosquitoes Emma Rand, Todd Smith, and Laura Ferguson Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada
13:15	Charmaine Serrano <i>Mount Allison University</i>	Determining the prevalence of Babesia infection in ticks in the Maritimes Charmaine Serrano and Vett Lloyd Department of Biology, Mount Allison University, Sackville, New Brunswick, Canada
13:30	Mia Lauzon <i>Acadia University</i>	Impacts of pathogens on winter behaviour and physiology of two tick species, <i>Ixodes scapularis</i> and <i>Dermacentor variabilis</i> Mia Lauzon, Laura Ferguson, and Russell Easy. Department of Biology, Acadia University, Wolfville, Nova Scotia, Canada
13:45	Julianna Stangroom CATC	Investigative Approaches to Novel Aquatic Ciliate Culture Julianna Stangroom, Jordan Poley, and Mark Braceland The Center for Aquaculture Technologies Canada, Souris, Prince Edward Island, Canada
14:00	Kylee Graham <i>AVC at UPEI</i>	Clustering of Sarcoptic Mange Lesion Variation in Prince Edward Island Red Foxes (<i>Vulpes vulpes</i>) using Epidemiological Pattern Analysis Tools Kylee F. Graham ^{1,4} , Laura Bourque ^{1,4} , Spencer J. Greenwood ² , Gary A. Conboy ¹ , Javier Sanchez ³ , Megan E.B. Jones ^{1,4} ¹ Department of Pathology and Microbiology, AVC at UPEI, Charlottetown, PE, Canada; ² Department of Biomedical Sciences, AVC at UPEI, Charlottetown, PE, Canada; ³ Department of Health Management, AVC at UPEI, Charlottetown, PE, Canada; ⁴ Canadian Wildlife Health Cooperative Atlantic Region, Charlottetown, PE, Canada
14:15	Kylee Graham <i>AVC at UPEI</i>	First Report of a Fatal Infection with <i>Versteria</i> sp. in North American Porcupine (<i>Erethizon dorsatum</i>) Kylee F. Graham ¹ , Spencer J. Greenwood ² , Gary A. Conboy ¹ , Inga Sidor ³ , Shannon A. Martinson ¹ ¹ Department of Pathology and Microbiology, AVC at UPEI, Charlottetown, PE, Canada; ² Department of Biomedical Sciences, AVC at UPEI, Charlottetown, PE, Canada; ³ Department of Molecular, Cellular, and Biomedical Sciences, New Hampshire Veterinary Diagnostic Laboratory, University of New Hampshire, NH, United States
14:30	Coffee break	
14:45	Olivia Galeuzzi <i>AVC at UPEI</i>	Parasite Survey of Atlantic Canadian Bats Olivia Galeuzzi ¹ , Will Robbins ¹ , Tessa McBurney ¹ , Gary Conboy ¹ , Melanie Buote ¹ , Megan Jones ^{1,2} ¹ Department of Pathology and Microbiology, Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, PE, Canada; ² Canadian Wildlife Health Cooperative Atlantic Region, Charlottetown, PE, Canada

15:00	Will Robbins <i>AVC at UPEI</i>	Survival of Metastrongyloid Third-Stage Larvae in Experimentally Infected <i>Limax maximus</i> Slugs Post-Mortem: An Update William Robbins ¹ , Jenny Yu ² , Henrik Stryhn ² , Spencer Greenwood ¹ , Gary Conboy ³ ¹ Department of Biomedical Sciences, Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, PE, Canada; ² Department of Health Management, Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, PE, Canada; ³ Department of Pathology and Microbiology, Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, PE, Canada
15:15	Linda Hutchinson <i>Acadia University</i>	Food intake of parasitized invertebrates: A review. Linda J. Hutchinson ^{1,2} , Katie King ¹ , and Dave Shutler ¹ . ¹ Department of Biology, Acadia University, 15 University Avenue, Wolfville, Nova Scotia, B4P 2R6, Canada ² Department of Biology, Dalhousie University, Halifax, Nova Scotia B3H 4J1, Canada
15:30	Megan Colwell <i>University of Manitoba</i>	The role of wax comb in honey bee virus epidemiology Megan J. Colwell ¹ , Stephen F. Pernal ² , and Rob Currie ¹ ¹ Department of Entomology, University of Manitoba, Winnipeg, Canada; ² Agriculture and Agri-Food Canada, Beaverlodge, Alberta, Canada
15:45	Melanie Buote <i>Atlantic Veterinary College at UPEI</i>	Convenor: ACAP 2022 Closing Statements
16:00	Free time	
18:30	ACAP Banquet	Customs House Inn Dave Shutler's and sous-chef Russell Easy's famous chili
20:00	Social Mixer	

Sunday, November 27, 2022

Safe travels home!