



**Annual General Meeting & Fall Forum**  
**Thursday, October 22, 2020**  
**10:30 A.M. – 12:00 P.M.**  
**Online**

10:25 A.M.	Meeting opens
10:30 A.M.	Meeting Begins – Welcome & Introduction
10:40 A.M.	<b><i>Using DNA in real-time to detect forest invasive species</i></b> Dr. Richard Hamelin, Professor, Department of Forest and Conservation Sciences, UBC
11:10 A.M.	ISCMV Annual General Meeting (Chair Melinda Yong) <ol style="list-style-type: none"><li>1. Approve 2019 AGM minutes</li><li>2. 2019 ISCMV Year-in-review (Tasha Murray)</li><li>3. Presentation of financial statements (Peggy DeMarco)</li><li>4. Recognitions (Tasha Murray)</li><li>5. Election of the 2020-2023 ISCMV Directors (Scott Walmsley)</li></ol>
11:25 A.M.	<b><i>Management of Daphne laureola</i></b> Rob Underhill, Biologist, Mayne Island Conservancy
11:55 A.M.	Closing comments
12:00 P.M.	Good-bye!

## Presentations

### ***Using DNA in real-time to detect forest invasive species***

Dr. Richard Hamelin, Professor, Department of Forest and Conservation Sciences, UBC

Richard will present tools that allow on-site detection of forest invasive species such as the gypsy moth, sudden oak death and white pine blister rust. He will describe how this portable tool can be carried in a packsack and provide real-time DNA detection of invasive species in less than 2 hours. This project represents a multi-year national team effort funded by Genome BC, Genome Canada and Genome Québec.

Dr. Richard Hamelin obtained a B. Sc. from McGill University in 1982, a Master's of Pest Management from Simon Fraser University in 1986 and a Ph. D. from the University of Kentucky in 1990. He has 30 years of experience in forest health research and has published over 150 peer-reviewed scientific articles. His work aims at using genomics to better understand forest disease epidemics in the face of climate change and to design detection and monitoring methods to prevent invasions of pests and pathogens that threaten forests. He was president of the Canadian Phytopathological Society and the Quebec Society for Plant Protection and was awarded the Fellowship of the American Phytopathological Society (2020), the International Union of Forest Research Organization Scientific Achievement Award (2014), the Queen Elizabeth II Diamond Jubilee award (2012), Merit Awards from Natural Resources Canada (2008), the Canadian Forest service (2008), the Canadian Food Inspection Agency (2007), and the Quebec Society for Plant Protection (2008) for his pioneering work on the application of genomics in forest protection.

### ***Management of Daphne Laureola***

Rob Underhill, RPBio, Mayne Island Conservancy

Rob will present information on recommended methods and considerations for management of *Daphne laureola*. Rob has been involved with Daphne management for over ten years with Parks Canada at Fort Rodd Hill National Historic Site (2009-2011), and in the Southern Gulf Islands with the Mayne Island Conservancy (2011-present). He will share his experiences working with this species and provide tips for effective management.

Rob Underhill works as a Biologist in the Southern Gulf Islands for the Mayne Island Conservancy. He coordinates several restoration projects in collaboration with public land managers and private landowners, manages a small-scale native plant nursery, and encourages land stewardship through a landowner consultation program. Some of the challenges for habitat restoration on Mayne Island include hyperabundant deer, seasonal drought, and invasive plants.