

**NOTE: Final Scientific Program available at [www.isaah2018.com](http://www.isaah2018.com)**

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**SUNDAY, SEPTEMBER 2ND – Registration & Pre-conference workshops**

- 8:30AM – 12:30PM: Registration Open for Pre-Conference Workshops**  
Atlantic Veterinary College, University of Prince Edward Island
- 9:30AM – 5:00PM: Pre-Conference Workshops** (Sponsored by the Atlantic Veterinary College)  
Atlantic Veterinary College, University of Prince Edward Island
- 10:00AM – 11:30AM: Fish Health Section Executive Meeting**  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 12:00PM – 6:30PM: Registration / Partnering Help Desk Open**  
Delta Prince Edward Hotel Conference Centre foyer
- 12:00PM – 6:30PM: Poster Check-in & Set up**  
Coles Room, Delta Prince Edward Hotel Conference Centre
- 5:00PM – 7:00PM: ISAAH 2018 Student Reception** (Sponsored by the Fish Health Section)  
Steeves McGee Hospitality Suite, Mezzanine Level  
Delta Prince Edward Hotel
- 6:30PM – 8:30PM: ISAAH 2018 Welcome Reception**  
Harbourview Deck, Delta Prince Edward Hotel

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**MONDAY, SEPTEMBER 3RD – Prince Edward Island Day**

- 7:30AM – 6:00PM: Registration / Partnering Help Desk Open**  
Delta Prince Edward Hotel Conference Centre foyer
- 7:30AM – 8:15PM: Continental Breakfast**  
Delta Prince Edward Hotel Conference Centre foyer
- 8:15AM – 8:30AM: Welcome Remarks & Opening of ISAAH 2018**  
Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre
- 8:30 – 9:15AM: Keynote Presentation by Dr. Daniel R. Barreda**, Professor, Animal Immunity and Health, Department of Biological Sciences and Department of Agricultural, Food and Nutritional Science, University of Alberta, Canada  
**“Contributions of early cellular responses to immune protection in fish”**  
Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre

- 9:30AM – 5:00PM: AAFV Sessions** (see page 23 for schedule)  
Tilly Tupper Room
- 9:30AM – 12:15PM: Industry Sessions** (Sponsored by Springboard / Synapse)  
(see page 29 for presentation schedule)  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 9:30AM – 10:30AM: Breakout Sessions**  
Immunology I: Gray, Palmer, Pope Ballroom  
Flavobacterium I: Archibald Campbell Breakout Room  
Microbiome I: Langeve Cartier Breakout Room
- 9:30AM – 5:00PM: Posters on Display**  
Coles Ballroom, Delta Prince Edward Hotel Conference Centre
- 10:30AM – 10:45AM: Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer
- 10:45AM – 12:15PM: Breakout Sessions**  
Immunology II: Gray, Palmer, Pope Ballroom  
Flavobacterium II: Archibald Campbell Breakout Room  
Microbiome II: Langeve Cartier Breakout Room
- 12:15PM – 1:15PM: Lunch**  
Buffet served in the Delta Prince Edward Hotel Conference Centre Foyer
- 12:45PM – 3:05PM: Partnering Meetings**  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 1:15PM – 3:00PM: Breakout Sessions** (Tilapia Sessions sponsored by IDT/Ridgeway/Gallant Laboratories)  
Vaccines I: Gray, Palmer, Pope Ballroom  
Tilapia Health I: Archibald Campbell Breakout Room  
Life Cycles: Langeve Cartier Breakout Room
- 3:00PM – 3:15PM: Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer
- 3:15PM – 5:00PM: Breakout Sessions** (Tilapia Sessions sponsored by IDT/Ridgeway/Gallant Laboratories)  
Vaccines II: Gray, Palmer, Pope Ballroom  
Tilapia Health II: Archibald Campbell Room  
Gill Health: Langeve Cartier Breakout Room
- 5:00PM – 6:00PM: Official Poster Session-I**  
Coles Ballroom, Delta Prince Edward Hotel Conference Centre (Cash Bar)

- 6:00PM: **Buses Depart for Off-site Cultural Event at Fort Amherst Historic Site**  
(Buses will depart from the front of the Delta Prince Edward Hotel front doors at 6:00pm sharp)
- 6:30PM – 10:00PM: **Off-site Cultural Event & Feast**  
Skmaqñ–Port-la-Joye–Fort Amherst National Historic Site

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## TUESDAY, SEPTEMBER 4TH – Nova Scotia Day

- 7:30AM – 5:30PM: **Registration / Partnering Help Desk Open**  
Delta Prince Edward Hotel Conference Centre foyer
- 7:45AM – 8:15AM: **Continental Breakfast**  
Delta Prince Edward Hotel Conference Centre foyer
- 8:15AM – 8:30AM: **Announcements**  
Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre
- 8:30 – 9:15AM: **Keynote Presentation by Dr. Henning Sørum**, Professor at the School of Veterinary Medicine, Norwegian University of Life Sciences, Oslo, Norway  
  
**“Bacterial skin ulcers in farmed fish; preventive effect of vaccines and probiotics”**  
  
Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre
- 9:30AM – 5:00PM: **WAVMA Sessions** (see page 24 for schedule)  
Tilly Tupper Room, Delta Prince Edward Hotel Conference Centre
- 9:30AM – 12:15PM: **Ocean Supercluster Workshop Part I** (see page 27 for schedule)  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 9:30AM – 10:30AM: **Breakout Sessions**  
Bacteriology I: Gray, Palmer, Pope Ballroom  
Sea Lice I: Archibald Campbell Breakout Room  
Zebrafish / Lab Animal: Langeve Cartier Breakout Room
- 9:30AM – 5:00PM: **Posters on Display**  
Coles Ballroom, Delta Prince Edward Hotel Conference Centre
- 10:30AM – 10:45AM: **Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer

**10:45AM – 12:15PM: Breakout Sessions**

Bacteriology II: Gray, Palmer, Pope Ballroom  
Sea Lice II: Archibald Campbell Breakout Room  
Invert/Shellfish I: Langeve Cartier Breakout Room

**12:15PM – 1:15PM: Lunch**

Buffet served in the Delta Prince Edward Hotel Conference Centre Foyer

**12:45PM – 3:05PM: Partnering Meetings**

MacDonald Room, Delta Prince Edward Hotel Conference Centre

**1:15PM – 3:00PM: Breakout Sessions** (Tilapia Sessions sponsored by IDT/Ridgeway/Gallant Laboratories)

Bacteriology III: Gray, Palmer, Pope Ballroom  
Sea Lice III: Archibald Campbell Breakout Room  
Cleaner Fish I: Archibald Campbell Breakout Room  
Invert Shellfish I: Langeve Cartier Breakout Room

**3:00PM – 3:15PM: Refreshment Break**

Delta Prince Edward Hotel Conference Centre Foyer

**3:15PM – 5:00PM: Breakout Sessions** (Tilapia Sessions sponsored by IDT/Ridgeway/Gallant Laboratories)

Bacteriology IV: Gray, Palmer, Pope Ballroom  
Cleaner Fish II: Archibald Campbell Breakout Room  
Aquatic EPI I: Langeve Cartier Breakout Room

**5:00PM – 6:00PM: Official Poster Session-II**

Coles Ballroom, Delta Prince Edward Hotel Conference Centre (Cash Bar)

**6:30 – 8:30PM: Discover Charlottetown Reception** (Sponsored by Elanco Canada Limited)

Memorial Hall, Confederation Centre of the Arts

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**WEDNESDAY, SEPTEMBER 5 – Newfoundland Day**

**7:30AM – 6:30PM: Registration/Partnering Help Desk Open**

Delta Prince Edward Hotel Conference Centre foyer

**7:30AM – 8:15PM: Continental Breakfast**

Delta Prince Edward Hotel Conference Centre foyer

**8:15AM – 8:30AM: Announcements**

Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre

- 8:30 – 9:15AM:** **Keynote Presentation by Dr. Jerri Bartholomew**, Professor and Head of the OSU Department of Microbiology and Director of the John L. Fryer Aquatic Animal Health Laboratory
- “Weapons of Micro-destruction: An interdisciplinary approach to understanding a parasitic cnidarian”**
- Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre
- 9:30AM – 12:15PM:** **Ocean Supercluster Workshop Part II** (see page 27 for schedule)  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 9:30AM – 10:30AM: Breakout Sessions**
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| Myxozoa I:              | Gray, Palmer, Pope Ballroom      |
| Ornamental I:           | Archibald Campbell Breakout Room |
| Disease of Wild Fish I: | Tilly Tupper Breakout Room       |
| Virology I:             | Langeve Cartier Breakout Room    |
- 9:30AM – 5:00PM: Posters on Display**  
Coles Ballroom, Delta Prince Edward Hotel Conference Centre
- 10:30AM – 10:45AM: Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer
- 10:45AM – 12:15PM: Breakout Sessions**
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| Myxozoa II:              | Gray, Palmer, Pope Ballroom      |
| Ornamental II:           | Archibald Campbell Breakout Room |
| Disease of Wild Fish II: | Tilly Tupper Breakout Room       |
| Virology II:             | Langeve Cartier Breakout Room    |
- 12:15PM – 1:15PM: Lunch**  
Buffet served in the Delta Prince Edward Hotel Conference Centre Foyer
- 12:45PM – 3:05PM: Partnering Meetings**  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 1:00PM – 1:45PM: Keynote Presentation by Dr. Sabo-Attwood**, Associate Professor and Chair of the Department of Environmental and Global Health and a member of the Center for Environmental and Human Toxicology and Emerging Pathogens Institute at the University of Florida
- “Nano-Evolution: Balancing safety and applications of nanotechnology in aquatic systems”**

- 1:45PM – 3:00PM: Breakout Sessions** (Sponsored by Skretting)
- Myxozoa III: Gray, Palmer, Pope Ballroom  
Nutrition & Fish Health: Archibald Campbell Breakout Room  
Aquatic EPI II: Tilly Tupper Breakout Room  
Toxicology/Path: Langeve Cartier Breakout Room
- 3:00PM – 3:15PM: Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer
- 3:15PM – 5:00PM: Breakout Sessions**
- Myxozoa IV: Gray, Palmer, Pope Ballroom  
Emergent Disease: Archibald Campbell Breakout Room  
Antibiotics/Pharma: Tilly Tupper Breakout Room  
Virology III: Langeve Cartier Breakout Room
- 5:00 – 6:30PM: Fish Health Section Business Meeting**  
MacDonald Room, Delta Prince Edward Hotel Conference Centre
- 6:30PM – 11:00PM: ISAAC 2018 Awards Banquet & Reception** (Sponsored by Marine Harvest Canada)  
**Keynote Presentation by Dr. Adel El-Mowafi**, Aquaculture Technology  
Application Director, Cargill Aqua Nutrition, Norway
- “Role of nutrition to mitigate diseases in aquaculture”**
- Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre

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## THURSDAY, SEPTEMBER 6TH – New Brunswick Day

- 7:30AM – 5:30PM: Registration/Partnering Help Desk Open**  
Delta Prince Edward Hotel Conference Centre foyer
- 7:30AM – 8:15PM: Continental Breakfast**  
Delta Prince Edward Hotel Conference Centre foyer
- 8:15AM – 8:30AM: Announcements**  
Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre
- 8:30 – 9:15AM: Keynote Presentation by Alf-Helge Aarskog**, Chief Executive Officer (CEO)  
of Marine Harvest ASA
- “Without good fish health – no blue revolution”**
- Gray, Palmer, Pope Ballroom, Delta Prince Edward Hotel Conference Centre

**9:30AM – 5:00PM: QASH Sessions** (see page 25 for schedule)  
MacDonald Ballroom, Delta Prince Edward Hotel Conference Centre

**9:30AM – 10:30AM: Breakout Sessions**  
Virology IV: Gray, Palmer, Pope Ballroom  
Health Management: Archibald Campbell Breakout Room  
Genomics I: Tilly Tupper Breakout Room  
eDNA Metagenomics: Langeve Cartier Breakout Room

**10:30AM – 10:45AM: Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer

**10:45AM – 12:15PM: Breakout Sessions**  
Virology V: Gray, Palmer, Pope Ballroom  
Health Management: Archibald Campbell Breakout Room  
Genomics II: Tilly Tupper Breakout Room  
Parasitology I: Langeve Cartier Breakout Room

**12:15PM – 1:15PM: Lunch**  
Buffet served in the Delta Prince Edward Hotel Conference Centre Foyer

**1:15PM – 3:00PM: Breakout Sessions**  
Virology VI: Gray, Palmer, Pope Ballroom  
Health Management: Archibald Campbell Breakout Room  
Confections: Tilly Tupper Breakout Room  
Parasitology II: Langeve Cartier Breakout Room

**3:00PM – 3:15PM: Refreshment Break**  
Delta Prince Edward Hotel Conference Centre Foyer

**3:15PM – 5:00PM: Breakout Sessions**  
Virology/Emergent DIS: Gray, Palmer, Pope Ballroom  
Miscellaneous: Tilly Tupper Breakout Room  
Husbandry/Physio: Langeve Cartier Breakout Room

**5:00PM – 6:00PM: Closing Remarks & ISAAH 2018 Wrap-up**

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## FRIDAY, SEPTEMBER 7TH – Field Trip Day

**8:00AM – 6:00PM: Bus departs Delta Prince Edward Hotel for PEI Field Trip**

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