

2019 WA-BC Chapter AFS Meeting Schedule

Please note that an asterisk (*) preceding a presenter's name indicates that this is a student competitor for best paper.

Afternoon	Monday, April 8
Lunch	<u>OYSTER BAY</u> WA-BC Executive Committee and AGM Planning Committee Lunch Meeting (11:30 AM – 1:00 PM)
Afternoon	<u>LOBBY</u> Registration (1:30 – 5:30 PM) <u>SINCLAIR GALLERY</u> Trade Show Exhibitor Set Up (1:30 – 5:30 PM) <u>BALLROOMS C & D</u> Poster Set Up (1:30 – 5:30 PM)
Evening	<u>BALLROOMS A & B</u> Intertidal Foraging and Cooking Workshop (5:00 – 8:00 PM)

Morning & Lunch	Tuesday, April 9
Morning	<u>LOBBY</u> Registration (8:00 AM – 5:00 PM) Coffee and tea provided all day <u>BALLROOMS C & D</u> Welcome and Plenary Session (9:00 – 11:00 AM)
9:00-9:05	Welcome from City of Bremerton Mayor: Greg Wheeler
9:05-9:10	Welcome from Conference Chair: Brittany Jenewein
9:10-9:20	Presentation of "Make AFS your professional community for fisheries resources!"
9:20-10:00	Plenary Speaker: Dr. Michael Phelps, University of Washington
10:00-10:20	<u>SINCLAIR GALLERY</u> Morning Break (Coffee, tea, and pastries) <u>OYSTER BAY</u> Best Student Paper Award - Judges Meeting
10:20-11:00	<u>BALLROOMS C & D</u> Plenary Speaker: Dr. Greg Ruggerone, Natural Resources Consultants
11:15-12:00	<u>KITSAP CONFERENCE CENTER COURTYARD</u> Spawning Run / Carcass Crawl
12:00-1:20	<u>BALLROOMS C & D</u> Lunch



Afternoon & Evening	Tuesday, April 9 continued	
Afternoon	<p align="center"><u>BALLROOM A</u></p> <p align="center">Downstream fish passage facility performance, evaluation, and monitoring</p> <p align="center">Chair: Jacob Venard</p>	<p align="center"><u>BALLROOM B</u></p> <p align="center">Habitat Restoration - the foundation for preparing a feast?</p> <p align="center">Chair: Ryan Klett</p>
1:20-1:40	Jacob Venard: Application of Pacific Northwest fish passage lessons learned to expanding global opportunities	Ryan Klett: Supporting stream habitat restoration through modelling and data visualization
1:40-2:00	Joshua Murauskas: The evolution and practicality of fish passage standards at high-head dams in the Pacific Northwest	Shelby Burgess: Effectiveness monitoring of riparian plantings in the interior Columbia Basin streams
2:00-2:20	Audrey Thompson: Methods for evaluation of performance standards at downstream fish passage facilities at Pacific Northwest hydropower projects	Kevin Cedar: Fish, forest, and fire: Alternative riparian management to protect forests and fish
2:20-2:40	Matt Brower: Well Dam juvenile bypass baffle PIT detection system	Michelle Krall: Effects of livestock exclusion on stream banks and riparian vegetation in Washington and Oregon
2:40-3:00	Phil Peterson: PIT detection barge: new approach for challenging monitoring locations	*Caroline Walls: Evaluating the effectiveness of engineered logjam projects at improving salmon habitat
3:00-3:20	<p align="center"><u>SINCLAIR GALLERY</u></p> <p align="center">Afternoon Break (Coffee & Tea Service)</p>	
3:20-3:40	Megan Stachura: Science & data solutions: downstream fish passage facility performance evaluation and monitoring	Robert Bilby: Spatial variation in salmon production and implications for habitat restoration
3:40-4:00	Ian Welch: Los Padres downstream bypass evaluation: field study out of a suitcase	<p align="center">Environmental DNA (eDNA) as a tool for detection of aquatic species</p> <p align="center">Chair: Sarah Brown</p> <p>Kathleen Peters: Perspectives from the World Fish Passage workshop</p>
4:00-4:20	Nick Ackerman: Fitting a square fish into a round bypass - when passage standards and fish biology don't match	Sarah Brown: Environmental DNA monitoring for Pacific, Western River and Western Brook Lamprey from the Nisqually River
4:20-4:40	Nick Verretto: Baker hydroelectric project floating surface collectors	Lucius Caldwell: Use of eDNA methods to predict extent of fish occupancy and identify potential habitat breaks
4:40-5:00	Panel Discussion	Michael Young: A molecular reinterpretation of the biodiversity of <i>Cottus</i> in western North America
5:00-6:00	<p align="center"><u>OYSTER BAY</u></p> <p align="center">Student/Mentor Panel & Mixer</p>	
6:00-9:00	<p align="center"><u>BALLROOMS C & D / SINCLAIR GALLERY</u></p> <p align="center">Trade Show Social & Poster Session (Dinner Buffet Included)</p>	



Morning & Lunch	Wednesday, April 10	
Morning	<u>LOBBY</u> Registration (8:00 AM – 5:00 PM) Coffee and tea provided all day	
Morning	<u>BALLROOM A</u> Underwater Photography Workshop Instructors: Todd Pearsons	<u>BALLROOM B</u> Salmon Predators Chair: Mike Ford
9:00-9:20	Underwater photography workshop: capturing great images below the surface	Mike Ford: Lack of prey as a limiting factor for orca recovery
9:20-9:40		David Welch: A survey of the coast-wide collapse in northeast Pacific Chinook and Steelhead survival: Looming problems for set piece solutions
9:40-10:00		Fanny Couture: Increase in Chinook abundance for SRKW: reduce fishing or reduce seals
10:00-10:20	<u>SINCLAIR GALLERY</u> Morning Break (Coffee, tea, and pastries)	
10:20-10:40	Continued: Underwater photography workshop: capturing great images below the surface	*Megan Feddern: Reconstructing a century of coastal productivity and predator trophic position indicators in coastal WA and the Salish Sea with archival bone
10:40-11:00		*Alexandra Lincoln: Managing salmon for wildlife: Do fisheries limit salmon consumption by bears in small streams?
11:00-11:20		Greig Oldford: Preying on the weak? Possible non-additive effects of seal predation and stress-related mortality in juvenile Coho and Chinook in the Salish Sea
11:20-11:40		Adrian Touhy: Developing a place-based, selective salmon fishery in the Lower Columbia River, Washington
11:40-12:00		Break
12:00-1:20	<u>BALLROOMS C & D</u> WA-BC Chapter Business Lunch All AGM attendees are welcome!	



Afternoon & Evening	Wednesday, April 10 continued	
Afternoon	<p align="center"><u>BALLROOM A</u> Contributed papers 1 Chair: Alf Haukenes</p>	<p align="center"><u>BALLROOM B</u> Salmonids in the Skokomish River Basin: past, present, and future Chair: Phil Sandstorm</p>
1:20-1:40	Jeffery Johnson: Bull Trout movement at multiple life stages in the White River, WA	Joseph Pavel: The Skokomish River: A tribal perspective
1:40-2:00	Kathryn Sutton: Bull Trout exhibit life history responses after dam removal in the Elwha River, WA	Andrew Ollenburg: North Fork Skokomish River hatchery programs
2:00-2:20	Roger Peters: Do fin rays offer a non-lethal approach for assessing life history patterns using geochemical analysis?	Lisa Bellevea: Skokomish estuary restoration monitoring
2:20-2:40	Sean Naman: Comparing bioenergetic vs. correlative habitat suitability models for stream salmonids	Florian Leischner: North Fork Skokomish River habitat – past, present and future
2:40-3:00	Yongwen Gao: The Pacific Razor Clam populations in Washington revealed by stable isotopes	Matt Peter: Reservoir productivity: from water quality and zooplankton to Sockeye Salmon <i>Oncorhynchus nerka</i>
3:00-3:20	<p align="center"><u>SINCLAIR GALLERY</u> Afternoon Break (Coffee & Tea Service)</p>	
	<p align="center"><u>BALLROOM A</u> Contributed papers 1 Chair: Alf Haukenes</p>	<p align="center"><u>BALLROOM B</u> Salmonids in the Skokomish River Basin: past, present, and future Chair: Phil Sandstorm</p>
3:20-3:40	Alexander Alexiades: Indigenous integration of aquatic sciences and Traditional Ecological Knowledge for undergraduate culturally responsive education (i-NATURE)	Chris Noyes: Performance of Cushman juvenile fish collector 2015-2018
3:40 – 4:00	Todd Pearsons: Long-term successes in fisheries management: Species recovery, dam evolution, and hatchery reform	Megan McCormick: Screw trap monitoring on the North Fork Skokomish River
4:00-4:20	Jason Hall: Large river habitat complexity and productivity of Chinook Salmon in Puget Sound rivers	Tim Hoffnagle: Spawning ground surveys in the North Fork Skokomish River
4:20-4:40	Steven Richards: Spatial distribution of adult hatchery and natural origin fall Chinook Salmon in the Hanford Reach of the Columbia River	Matt Bleich: The future of hatcheries, management, and monitoring in the Skokomish Basin
4:40-5:00	Roger Tabor: Effect of artificial nighttime lighting on subyearling salmonids in the Lake Washington system	
5:30-8:00	<p align="center"><u>BALLROOMS C & D</u> Silent Auction</p>	
6:00-9:00	<p align="center"><u>BALLROOMS C & D</u> Banquet and Entertainment</p>	



Morning & Lunch	Thursday, April 11	
Morning	<u>LOBBY</u> Registration (8:00–9:00 AM) Coffee and tea provided all morning	
Morning	<u>BALLROOMS A</u> Uninvited guests at the feast Chair: Paul Spruell	<u>BALLROOM B</u> Contributed papers Chair: Gabriel Temple
9:00-9:20	Alix Silver: Invasive Northern Pike suppression in Lake Roosevelt, WA	Tod Jones: Advances in oxygen supplementation
9:20-9:40	Taylor McCroskey: Abundance of Smallmouth Bass <i>Micropterus dolomieu</i> in the Upper Spokane River, Washington	Benjamin Kennedy: Ecological differences of juvenile Steelhead produced by natural origin and local hatchery origin adult Steelhead spawning in the wild
9:40-10:00	*John Jorgensen: Quantitative food web analysis to detangle density dependence in restored habitats	Andrew Dittman: Developing methods to improve homing by hatchery salmon
10:00-10:20	<u>SINCLAIR GALLERY</u> Morning Break (Coffee, tea, and pastries)	
10:20-10:40	Robert Vadas: Long-term population response of Coastal Cutthroat Trout to environmental fluctuations in a temperate-rainforest stream	Eric Lauver: Investigating an ecological method for determining hatchery release timing of salmon
10:40-11:00	*Dylan Glaser: The compensatory responses of intentionally overharvested Brook Trout <i>Salvelinus fontinalis</i> populations in the Canadian Rockies	Wendy Olson: The pros and cons of vaccination of hatchery stocks against disease
11:00-11:20	Brian Saluskin: The Outro	*Timothy Taylor: Using bioenergetic modeling to evaluate lacustrine Brook Trout prey limitations
11:20-11:40	*Coty Jasper: Diet composition of Lake Trout <i>Salvelinus namaycush</i> in Upper Priest Lake, Idaho	
11:40	CONFERENCE ENDS Trade Show/Poster Teardown	

