

## Technical Session Schedule, TUESDAY 3/19/2019, 1:20 PM – 4:40 PM

	<b>Drivers of Freshwater Productivity in Salmon Populations: Data Collection, Data Interpretation, and Application to Management</b>	<b>Seasons' Summaries: Fisheries Management Throughout Alaska</b>
	<b>Room 1</b>	<b>Room 3</b>
<b>Chair</b>	Jon Gerken	Rhea Ehresmann
<b>1:20 PM</b>	Stock-specific responses of size at ocean entry to temperature and competition in Alaska sockeye salmon <i>Oncorhynchus nerka</i> over four decades <b>Marta Ree *</b>	Essential fish habitat, headwaters to oceans <b>Douglas Limpinsel</b>
<b>1:40 PM</b>	Fuzzy streamflow classification of Gulf of Alaska coastal watersheds to support aquatic research and monitoring <b>Christopher J. Sergeant *</b>	Seasonal variation in the detection of Northern Pike eDNA in a southcentral Alaska lake <b>Ora Russ</b>
<b>2:00 PM</b>	Linking stream temperature, flow, and juvenile salmon monitoring in the Deshka River <b>Daniel Rinella</b>	Seasonal field technicians; the data backbone for fisheries research and management <b>Jason Jones</b>
<b>2:20 PM</b>	Influence of stream temperature and precipitation on productivity of Chinook Salmon populations in the Cook Inlet basin <b>Erik Schoen</b>	Connecting the stream to the cloud: the networked weir <b>Jake Musslewhite</b>
<b>2:40 PM</b>	<b>BREAK</b>	
<b>3:00 PM</b>	On the hunt for thermal diversity in the Deshka River watershed <b>Sue Mauger</b>	Development and evolution of Alaska halibut and sablefish fishery <b>Alexander Kotlarov</b>
<b>3:20 PM</b>	Assessing mining impacts on large rivers shared between British Columbia and Alaska <b>Christopher J. Sergeant</b>	The persistence of heterogeneity in the Bristol Bay Pacific salmon drift gillnet fishery <b>Marcus Gho *</b>
<b>3:40 PM</b>		State of Alaska's Salmon and People (SASAP) <b>Meagan Krupa</b>
<b>4:00 PM</b>		An isolated dwarf resident Dolly Varden <i>Salvelinus malma</i> population in the Shungnak River drainage, Alaska <b>Chelsea Clawson</b>
<b>4:20 PM</b>		Socioeconomic benefits of recreational, commercial, and subsistence fishing associated with national forests <b>Andrew Thoms</b>

\*Student Presentation

## Technical Session Schedule, WEDNESDAY 3/20/2019, 10:20 AM – 12:00 PM

<b>Alaska Aquaculture in the 21st Century: Current Challenges and Opportunities</b>	
<b>Room</b>	<b>Main Auditorium</b>
<b>Chair</b>	Peter Westley
<b>10:20 AM</b>	What factors make a stream attractive to hatchery strays? Insights from the Columbia River and applications in Alaska <b>Peter Westley</b>
<b>10:40 AM</b>	Relative fitness of hatchery and natural pink salmon in Prince William Sound: Part I, Methods <b>Kyle Shedd</b>
<b>11:00 AM</b>	Relative fitness of hatchery and natural pink salmon in Prince William Sound: Part II, Results <b>Emily Lescak</b>
<b>11:20 AM</b>	Potential bacterial pathogens of salmonids from cnidarian jellyfish <b>Morag Clinton*</b>
<b>11:40 AM</b>	Does humpback whale feeding at hatchery release sites actually cost fishermen? <b>Ellen Chenoweth</b>

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## Technical Session Schedule, WEDNESDAY 3/20/2019, 1:20 PM – 4:50 PM

	<b>Advocacy, Normative Science, Politics, Escalating Environmental Conundrums</b>	<b>Alaska Aquaculture in the 21st Century: Current Challenges and Opportunities</b>
	<b>Room 1</b>	<b>Room 3</b>
<b>Chair</b>	Dave Cannon and Sue Mauger	Peter Westley and Angela Bowers
<b>1:20 PM</b>	Why the need for a session on advocacy? <b>Dave Cannon</b>	Kodiak Regional Aquaculture Association's otolith marking program: alternatives to heating water <b>Trenten Dodson</b>
<b>1:40 PM</b>	Yukon River wild stock management zone: the story behind a contentious resolution of the Alaska Chapter of the American Fisheries Society <b>Randy Brown</b>	FLUPSY - why, what, where, who and when <b>Eric R. Wyatt</b>
<b>2:00 PM</b>	Outreach vs. advocacy: Is there a line and did I cross it? <b>Stephanie Quinn-Davidson</b>	Olga Point oyster farm <b>Patrick Simpson</b>
<b>2:20 PM</b>	Facilitating greater representation and equity in the voices and data of science <b>Sonia N. Ibarra *</b>	Cook Inlet Aquaculture Association: providing fishing opportunities through enhancement, habitat conservation, and restoration <b>Emily Heale</b>
<b>2:40 PM</b>	<b>BREAK</b>	
<b>3:00 PM</b>	The Federal Aid in Sport Fish Restoration Act of 1950: past, present and future <b>Kyle James</b>	Use a gun or a grappling hook? Nematocyst adaptation to parasitism <b>Benjamin Americus *</b>
<b>3:20 PM</b>	Policy advocacy: perspectives from a long career. <b>Jim Martin</b>	Ecology of hatchery and wild Pink Salmon in Prince William Sound, Alaska <b>Julia McMahon *</b>
<b>3:40 PM</b>	The value of maintaining stakeholder trust through bias-free scientific input into fishery resource decision-making processes in Prince William Sound, Alaska <b>Tommy Sheridan</b>	High ocean biomass of salmon and trends in Alaska salmon in a changing climate <b>Steve Reifenhohl</b>
<b>4:00 PM</b>	Stepping up – advocacy and the AFS Alaska Chapter <b>William Bechtol</b>	Update on the Alaska Mariculture Task Force and the oceans Alaska kelp farm and geoduck spawning efforts <b>Eric R. Wyatt</b>
<b>4:20 PM</b>	Advocacy and science panel discussion <b>Sue Mauger</b>	

\*Student Presentation

## Technical Session Schedule, THURSDAY 3/21/2019, 10:20 AM – 12:00 PM

<b>Population and Community Dynamics in a Changing World</b>	
<b>Room</b>	<b>Main Auditorium</b>
<b>Chair</b>	Cheryl Barnes
<b>10:20 AM</b>	Assessing the potential for competition between Pacific Halibut and Arrowtooth Flounder in the Gulf of Alaska <b>Cheryl Barnes*</b>
<b>10:40 AM</b>	Periodic recruitment variation in inconnu populations in Northwest Alaska suggests cannibalism as a population control mechanism <b>Randy Brown</b>
<b>11:00 AM</b>	Assessment of Selawik River inconnu spawning population abundance using DIDSON <b>Ray Hander</b>
<b>11:20 AM</b>	Size, energy reserves, and foraging in overwintering age-0 herring <b>Ron Heintz</b>
<b>11:40 AM</b>	Trophic connections between sperm whales and their prey in the Gulf of Alaska <b>Lauren Wild*</b>

\*Student Presentation

## Technical Session Schedule, THURSDAY 3/21/2019, 1:20 PM – 4:20 PM

	<b>Population and Community Dynamics in a Changing World</b>	<b>Building Local Involvement into Fisheries Assessment and Management</b>
	<b>Room 1</b>	<b>Room 3</b>
<b>Chair</b>	Cheryl Barnes	Bill Bechtol and Janessa Esquible
<b>1:20 PM</b>	Sablefish: the honey badgers of the sea <b>Matt Callahan *</b>	Co-management of Kuskokwim River Chinook Salmon – targeting conservation while providing subsistence opportunities <b>William Bechtol</b>
<b>1:40 PM</b>	Estimated longitudinal abundance of humpback whales <i>Megaptera novaeangliae</i> in Sitka <b>Joseph Liddle</b>	Diverse perspectives: are they all fake news? <b>Dan Gillikin</b>
<b>2:00 PM</b>	Reproductive life history and spawning potential modeling for Yelloweye Rockfish <i>Sebastes ruberrimus</i> in Prince William Sound and the northern Gulf of Alaska <b>Donald Arthur *</b>	Shared visions: Kuskokwim tribal-led fisheries program <b>Janessa Esquible</b>
<b>2:20 PM</b>	Phylogeography of the northeastern Pacific kelps <i>Saccharina latissima</i> , <i>S. nigripes</i> , and <i>Alaria</i> spp. <b>Stewart Grant</b>	Improving participation in fisheries management <b>Kevin Bartley and Karen Linnell</b>
<b>2:40 PM</b>	<b>BREAK</b>	
<b>3:00 PM</b>	Revisiting the biology and ecology of northern form Dolly Varden <i>Salvelinus malma</i> in the Alaskan and western Canadian Arctic <b>Michael Courtney</b>	Reducing risks of harmful algal blooms with baseline data collection <b>Kari Lanphier</b>
<b>3:20 PM</b>	Distribution, life history, and reproductive biology of spawning Capelin <i>Mallotus villosus</i> along the southern Seward Peninsula, Alaska <b>Kirsten Ressel *</b>	Community-based monitoring – a link to inseason salmon management <b>William Bechtol</b>
<b>3:40 PM</b>	Spatiotemporal variation in consumption of Walleye Pollock by major groundfish predators in the Gulf of Alaska <b>Cheryl Barnes *</b>	Integrating local knowledge into ecosystem based fisheries management – a case study of Sitka <b>Marysia Szymkowiak</b>
<b>4:00 PM</b>	Regional oceanic behavior of large Chinook Salmon <b>Andy Seitz</b>	A Participatory Research Approach to Investigate Juvenile Chinook Salmon Outmigration on the Yukon Delta <b>Courtney Weiss</b>
<b>4:20 PM</b>		Leveling the playing field: creating equity in the Board of Fisheries process <b>Stephanie Quinn-Davidson</b>

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