SCHEDULE

Monday, June 2

6:00 – 9:00 pm	**Welcome Social**, Auke Rec Beach (Point Louisa Rd) Shuttle buses/vans will be available from 5:30 – 9:00 pm from/to roundabout in front of Egan Classroom Wing

Tuesday, June 3

7:30 – 8:30 am	Breakfast, University of Alaska Southeast, Lower Level, Egan Classroom Wing
7:30 am – 12:00 pm	Registration, University of Alaska Southeast, Egan Classroom Wing, outside of Room 112 Lecture Hall
8:30 am	Welcome and Introduction (Jeff Guyon), Egan Classroom Wing, Room 112 Lecture Hall

General Session (Moderator: Tyler Dann)

8:40 am	Use of genetic data to infer population-specific ecological and phenotypic traits from mixed aggregations (Paul Moran)
9:00 am	Improved understanding of migration patterns of Bristol Bay sockeye benefits management and harvest (Tyler Dann)
9:20 am	Signals of heterogenous selection at an MHC locus in geographically proximate ecotypes of sockeye salmon (Wesley Larson)
9:40 am	Spatially explicit models of Chinook salmon in the California Current reveal distinct marine distributions among stocks (Eric Crandall)
10:00 am	Monitoring stock-specific abundance, run timing, and straying of Chinook salmon in the Columbia River using genetic stock identification (Jon Hess)
10:20 am	BREAK
10:40 am	Population dynamics of natural-origin steelhead in the John Day River, Oregon (Ewann Berntson)
11:00 am	Parallel evolution of the summer steelhead ecotype in multiple populations of *Oncorhynchus mykiss* from Oregon and Northern California (Martha Arciniega)
11:20 am	Relative contributions of neutral and non-neutral genetic differentiation to inform conservation of steelhead trout across highly variable landscapes (Andrew Matala)
11:40 am	Pacific Eulachon genetic stock structure from single nucleotide polymorphism variation determined through RAD-sequencing (John Candy)
12:00 pm	LUNCH PROVIDED, University of Alaska Southeast, Mourant Cafeteria

General Session (Moderator: Chuck Guthrie)

1:20 pm	A graphical application demonstrating population effects and impacts on genetic diversity (Jeffrey Guyon)
1:40 pm	Pop-X: Detecting unrepresented populations in fishery mixtures (Serena Rogers Olive)

2:00 pm	Species ID for free: Identifying non-target species during mixed stock assessment (Heather Liller)
2:20 pm	FishGen.Net: A final repository for salmon and steelhead genetic data as part of GSI and PBT projects in the Columbia River basin and throughout the Pacific Coast of North America (Matthew Campbell)
3:00 pm	BREAK
3:20 pm	Quantifying incidence of predation on salmonids and other species of interest using high-throughput qPCR (Scott Brandl)
3:40 pm	Genotyping in thousands (GTseq): A cost effective SNP genotyping method based on custom amplicon sequencing (Nathan Campbell)
4:00 pm	Illumina technologies
4:20 pm	Life Tech technologies
4:40 pm	Fluidigm technologies
5:00 pm	BREAK
6:00 – 8:00 pm	**Poster Session**, University of Alaska Fairbanks, Lena Point Fisheries Facility (17101 Point Lena Loop Rd); Tours of Ted Stevens Marine Research Institute will also be available during the poster session Shuttle buses/vans will be available from 5:30 – 8:00 pm from/to roundabout in front of Egan Classroom Wing

Wednesday, June 4

7:30 – 8:30 am	Breakfast, University of Alaska Southeast, Lower Level, Egan Classroom Wing
8:30 am	Announcements (Chuck Guthrie), Egan Classroom Wing, Room 112 Lecture Hall

General Session (Moderator: Megan McPhee)

8:40 am	SNP-based genetic analysis of hatchery steelhead from the Central Valley of California (David Vendrami)
9:00 am	Managed gene flow reduces adaptation to captivity in supportive breeding programs: A multi-generational analysis of a Chinook salmon hatchery (Charles Waters)
9:20 am	Examining power of parentage analysis for detecting effects on reproductive success of hatchery straying into natural pink salmon populations (Kyle Shedd)
9:40 am	Potential for parental based tagging of Chinook salmon in British Columbia (Terry Beacham)
10:00 am	Hatcheries as habit, integrated vs. segregated programs, and rehab for hatchery fish (Carlos Garza)
10:20 am	BREAK
10:40 am	An analysis of studies of relative reproductive success of early-generation hatchery salmon (Michael Blouin)
11:00 am	Evaluating a spring Chinook salmon reintroduction above a high-head dam in Oregon: Inference from genetic monitoring (Nick Sard)

11:20 am	Evaluating a multi-generational reintroduction program for threatened spring Chinook salmon using genetic parentage analysis (Melissa Evans)
11:40 am	Pedigree inference with SNPs: A novel, fast, Bayesian method (Eric Anderson)
12:00 pm	LUNCH and ACTIVITIES
6:00 – 9:00 pm	**Social and Banquet**, Prospector Hotel, downtown Juneau (375 Whittier St) Shuttle buses/vans will be available from 5:30 – 9:00 pm from/to roundabout in front of Egan Classroom Wing

Thursday, June 5

7:30 – 8:30 am	Breakfast, University of Alaska Southeast, Lower Level, Egan Classroom Wing
8:30 am	Announcements (Chuck Guthrie), Egan Classroom Wing, Room 112 Lecture Hall

General Session (Moderator: Mike Garvin)

8:40 am	Stillaguamish River Chinook salmon abundance estimated using trans-generational mark-recapture (Maureen Small)
9:00 am	Estimating rates of straying of wild salmon using parentage based tagging (Michael Ford)
9:20 am	Influence of immune-relevant genotype on the reproductive success of a salmonid alternative mating strategy (Kathleen O'Malley)
9:40 am	Marker-assisted marker development with RAD-sequencing (MAD-RAD) to identify potential genomic regions linked to a locus under selection in summer-run chums salmon (Michael Garvin)
10:00 am	Genomics of magnetic reception in salmonids (Renee Bellinger)
10:20 am	BREAK
10:40 am	Genomic signatures of adapative divergence between migratory and non-migratory population pairs of *Oncorhynchus nerka* (Krista Nichols)
11:00 am	Genomic regions under selection in a hybridized population of westslope cutthroat trout (Daniel Drinan)
11:20 am	Mechanisms of thermal adaptation: Transcriptional response to heat stress among desert and montane populations of redband trout (Shawn Narum)
11:40 am	A single genomic basis for rapid parallel evolution of life-history expression in steelhead/rainbow trout (Devon Pearse)
12:00 pm	Adjourn