



Program

- Please have your talk ready on transportable media, preferably a flash drive. In the break prior to your talk, Anthony Clemento will assist in copying your talk to the appropriate computer.
- Poster setup will occur on Saturday morning before the first talks.
- Due to cancellations we will start at 9:20 and finish at 3:40 on Saturday.

Thursday June 22nd

6:00-9:00pm OPENING RECEPTION (NMFS)

Friday June 23rd

9:00-9:10 am CONTRIBUTED TALKS (La Feliz Room)
 INTRODUCTION

9:10 - 9:30 am “An overview of salmonid genetics work at the Southwest Fisheries Science Center” JC Garza

9:30 - 9:50 am “Beyond Bonferroni: less conservative analyses for conservation genetics” SR Narum

9:50- 10:10 am “SNPs and the identification of salmon” EC Anderson

10:10 - 10:30 am “Comparisons of F_{ST} and Q_{ST} in populations of coho salmon” E McClelland & K Naish

10:30 - 11:00 am BREAK

11:00 - 11:20 am “Review of changes to the WDFW Molecular Genetics Laboratory, and exciting new developments with SNPs” K Warheit

11:20 - 11:40 am “SNPs and hybridization: development, application, and long-term monitoring” MR Stephens, NW Clipperton, AJ Finger & BP May

11:40 - 12:00 pm “SNPs provide high resolution, high throughput genotyping for stock identification” J Seeb, C Smith, C Habicht, C Elfstrom, B Templin & L Seeb

12:00 - 1:00 pm LUNCH

1:00 - 1:20 pm “Hybridization between spring-run and fall-run Chinook salmon returning to the Trinity river hatchery” AP Kinziger, EJ Loudenslager, DG Hankin, JC Garza & EC Anderson

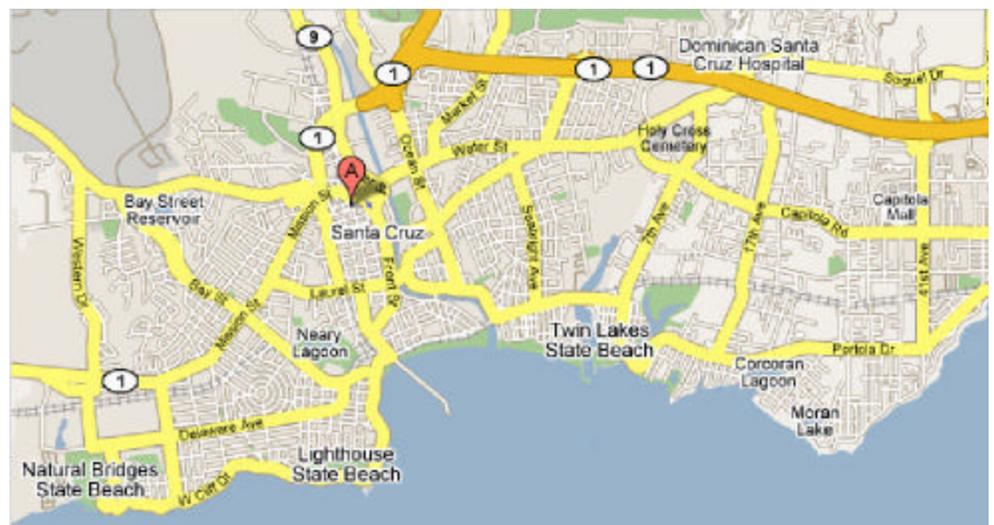
1:20 - 1:40 pm “Chromosomal rearrangements in apparent sex-reversed Fall Chinook salmon in California” KS Williamson, R Phillips & B May

1:40 - 2:00 pm “It’s up to the girls. Or is it? Genetic analysis of maternal and parental contributions to early development in Chinook salmon” K Naish, N Hurtado, & J Hard

2:00 - 2:20 pm BREAK

- 2:20 - 2:40 pm “Parentage analysis reveals successful reproduction of adult hatchery-origin Chinook salmon outplanted into Shitike Creek, OR.” J Baumsteiger, D Hand, D Olson, B Spateholts, G Fitzgerald, & W Ardren
- 2:40 - 3:00pm “Relative reproductive success of wild and hatchery steelhead in the Hood River: evaluation of a supplementation program” H Araki, B Ardren, E Olsen, B Cooper & M Blouin
- 3:00 - 3:20pm “What risk do steelhead hatcheries pose to wild populations? Evaluating the potential for hatchery-wild interaction at a Washington State segregated hatchery” M Dauer, T Seamons, L Hauser, T Quinn & K Naish
- 3:20 - 3:40pm “An empirical verification of population assignment methods by marking and parentage data: hatchery and wild steelhead (*Oncorhynchus mykiss*) in Forks Creek, Washington, USA.” L Hauser, TR Seamons, M Dauer, KA Naish & TP Quinn
- 3:40 - 4:00 pm BREAK
- 4:00 - 5:00 pm PLENARY TALK (La Feliz Room)
 “Consortium of Genomic Research on all Salmon Project (cGRASP)”
 B Koop

Dinner – On your own, but if you want we have a 25% discount and \$2 draft beers at the Coastline Brewery. Located at 120 Union Avenue in downtown Santa Cruz.



Saturday June 24th

CONTRIBUTED TALKS (La Feliz Room)

- 9:20 - 9:40 am "Microsatellite Analysis of Yakima Basin Bull Trout" D Hawkins & J Von Bargen
- 9:40- 10:00 am "Assessing origin of mid-run fish in Rogue River, Oregon, a disturbed ecosystem"
R Bellinger, T Satterthwait & MA Banks
- 10:00 - 10:20 am "Characterization and conservation of threatened summer run and winter run
steelhead (*Oncorhynchus mykiss*) ecotypes in the Hood River, Oregon:
implementing genetic based broodstock assignments" A Matala, R French, E Olsen
& W Ardren
- 10:20 - 10:40 am BREAK
- 10:40 - 11:00 am "Population structure and ancestry of *O. mykiss* populations in South-Central
California based on genetic analysis of microsatellite data" A Clemento, E
Anderson, D Boughton, D Girman & JC Garza
- 11:00 - 11:20 am "Fine-scale rainbow trout population structure in the Spokane drainage in relation
to barriers and hatchery stocking" MP Small, J McLellan, J Loxterman, J Von
Bargen, A Frye & C Bowman
- 11:20 - 11:40 am "Genetic and life history variation in *Oncorhynchus mykiss* from Kamchatka" M
McPhee, J Stanford, K Kuzishchin & F Allendorf.
- 11:40 - 12:00 pm "Concordance of nuclear and mitochondrial DNA markers in detecting a founder
event in Lake Clark sockeye salmon" KM Ramstad, CA Woody, C Habicht, GK
Sage, JE Seeb & FW Allendorf
- 12:00 - 1:30 pm LUNCH
- 1:30 - 1:50 pm "Genetic differentiation among California Central Valley Chinook: comparisons
between temporally isolated runs inhabiting the same drainage" SM Blankenship,
C Lemaire & JC Garza.
- 1:50 - 2:10 pm "Assessing marker informativeness in Western Alaska Chinook salmon
populations" B Templin
- 2:10 - 2:30 pm "Impacts of ascertainment bias and natural selection on the inference of Chinook
salmon population structure." C Smith, A Antonovich, L Seeb

2:30 - 3:00 pm	BREAK
3:00 - 3:20pm	“Genetic analyses provide insight into the early ocean stock distribution and survival of juvenile coho salmon (<i>Oncorhynchus kisutch</i>) off the coasts of Washington and Oregon” DM. Van Doornik, DJ. Teel, DR Kuligowski, CA Morgan & E Casillas
3:20 - 3:40pm	“Affect of intra- and inter-basin transfers on population structure of Coho salmon in Puget Sound, Washington” W Eldridge, J Myers & K Naish
3:40 - 6:00 pm	POSTER SESSION (La Feliz Room)
6:00pm	BANQUET (La Feliz Room)

Posters

“Different yet the same: adaptive versus genetic divergence in sockeye salmon”

J Lin, E Ziegler, T Quinn & L Hauser

“Effective population size and genetic compensation between life-history forms of *Oncorhynchus mykiss* in the Hood River”

H. Araki, RS Waples, WR Ardren, EA Olsen, B Cooper & MS Blouin

“Genetic identification of spring- and fall-run Chinook salmon in the Upper Willamette River”

D Teel, T Lundrigan, K Kenaston, K Schroeder & P Moran

“Is relatively low genetic variation of steelhead populations in a Snake River sub-basin correlated to hatchery broodstock releases?”

M Paquin, J Myers, H Pollard, R Carmichael, S Boe, D Campton, J Hesse, J Ruzycski, M Schuck, T Whitesel & P Moran

“SNP Discovery: Process, Effort and Yield”

Elz, A et al.

“TBA”

Baird, et al.

“Update of the rainbow trout map of type I markers and comparison with the zebrafish map” RB Phillips, JJ DeKoning, AB Ventura, KA Keatley, KM Nichols, RE Drew & GH Thorgaard

“Over the falls?: Genetic interactions between resident and anadromous rainbow trout (*Oncorhynchus mykiss*) in Scott Creek, CA”

D Pearse, S Hayes, E Anderson, M Bond, C Hansen, & C Garza

“Measuring microsatellite mutation rate in steelhead trout from the San Lorenzo River”

A Martinez et al.

“A rapid and ethanol-free fish tissue collection method”

E LaHood, J Miller, C Apland, & MJ Ford

“Allozymes revisited: New uses for old markers”

A Aguilar & JC Garza

Attendees

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