



Day 1 - Wednesday March 14, 2012

TIME	SPEAKER	ABSTRACT	TITLE
8:30-8:40	John Stein		Welcome and Introduction
Theme Summary Session			
8:40-8:50	Kathi Lefebvre		Introduction to NWFSC Research Themes
8:50-9:15	Phillip Levin	1	Ecosystem approach to management for the California Current Large Marine Ecosystem
9:15-9:40	Beth Sanderson	2	Habitats to support sustainable fisheries and recovered populations
9:40-10:05	Jason Cope	3	Recovery, rebuilding and sustainability of marine and anadromous species
10:05-10:30	Brian Beckman	4	Sustaining marine ecosystem and human health
10:30-11:00	Everyone		BREAK/POSTER SESSION
Theme Session: ECOSYSTEM APPROACH TO MANAGEMENT FOR THE CALIFORNIA CURRENT LARGE MARINE ECOSYSTEM			
11:00-11:15	Shallin Busch	5	Direct and indirect effects of ocean acidification on Puget Sound: insights from models and species response experiments
11:15-11:30	Dan Holland	6	Fishery income diversification and risk for fishermen and fishing communities of the West Coast
11:30-11:45	Dezhang Chu	7	Broadband acoustic characterization and classification of fish and zooplankton: an application towards ecosystem-based acoustic surveys
11:45-12:00	Jameal Samhuri	8	Risky business: linking land- and sea-based activities to risk in coastal ecosystems
Rapid Fire Presentations			
12:00-12:08	Tom Wainwright	9	Does environmental information improve harvest management? – A coho salmon management strategy evaluation
12:08-12:16	Kelly Andrews	10	Ecosystem-level consequences of movement: the predatory impact of spiny dogfish in Puget Sound
12:16-12:24	Leif Anderson	11	Costs of delaying conservation: regulations and the recreational values of exploited and co-occurring species
12:24-12:30	Everyone		Questions for rapid fire speakers
12:30 – 1:30	Everyone		LUNCH/POSTER SESSION
Theme Session: HABITATS TO SUPPORT SUSTAINABLE FISHERIES AND RECOVERED POPULATIONS			
1:30-1:45	Casey Rice	12	Landscape patterns of lower to middle trophic level structure across natural and anthropogenic gradients in Puget Sound, Washington
1:45-2:00	Correigh Greene	13	Connectivity and estuary habitat use in juvenile fish: an analysis of tide gates in the Pacific Northwest
2:00-2:15	Lyndal Johnson	14	Habitat quality, toxics, and salmon in the lower Columbia River estuary: multi-year coordinated fish, fish prey, habitat and water quality data collection under the Ecosystem Monitoring Project
2:15-2:30	Waldo Wakefield	15	Information to support the five-year review of Essential Fish Habitat for Pacific Coast groundfish
Rapid Fire Presentations			
2:30-2:38	Jason Miller	16	One hundred days in acidified water: potential impacts of low pH on early life stages of Dungeness crab (<i>Cancer magister</i>)
2:38-2:46	Dawn Noren	17	Using behavioral data to identify potential marine protected areas for the endangered Southern Resident killer whale
2:46-2:54	Julie Scheurer	18	Distribution and ecology of juvenile steelhead (<i>Oncorhynchus mykiss</i>) off the Oregon and Washington coasts
2:54-3:00	Everyone		Questions for rapid fire speakers
3:00-5:00	Everyone		POSTER SESSION



Day 2 - Thursday March 15, 2012

TIME	SPEAKER	ABSTRACT	TITLE
8:30-8:40	Mark Strom		Welcome and Introduction
Theme Session: RECOVERY, REBUILDING, AND SUSTAINABILITY OF POPULATIONS			
8:40-8:55	Krista Nichols	19	Genomics and the genetic architecture of migration/residency in <i>Oncorhynchus mykiss</i>
8:55-9:10	Laurie Weitkamp	20	Seasonal and interannual variation in juvenile salmonids and associated fish assemblage in open waters of the lower Columbia River estuary
9:10-9:25	Adam Luckenbach	21	Characterization of sexual differentiation and development of methods for sex control in sablefish, <i>Anoplopoma fimbria</i>
9:25-9:40	Eric Buhle	22	Forecasting risks of decline in salmon populations: an age-structured Bayesian approach
Rapid Fire Presentations			
9:40-9:48	Mark Lomeli	23	Reducing Pacific halibut bycatch in the groundfish bottom trawl fishery
9:48-9:56	Larissa Rohrbach	24	Population-specific growth of yearling Columbia River Chinook salmon during early ocean residence and survival to adulthood
9:56-10:04	Donald VanDoornik	25	Genetic monitoring reveals genetic stability within threatened Chinook salmon populations in the Snake River
10:04-10:12	James Hastie	26	Summary of stock status for assessed Pacific Coast groundfish species
10:12-10:15	Everyone		Questions for rapid fire speakers
10:15-11:00	Everyone		BREAK
11:00-11:15	Brian Burke	27	Indicators of yearling Chinook salmon marine survival
11:15-11:30	Michelle Rub	28	A study to evaluate survival of adult spring/summer Chinook salmon migrating from the mouth of the Columbia River to Bonneville Dam
11:30-11:45	Joseph Anderson	29	Opportunities for recovery of Columbia River basin Chinook salmon and steelhead through reintroduction
11:45-12:00	John Pohl	30	Spatial distribution and abundance of adult Pacific hake (<i>Merluccius productus</i>) off the West Coast of North America in 2011
Rapid Fire Presentations			
12:00-12:08	Paul Chittaro	31	Quantifying patterns of downstream movement in fall Chinook salmon
12:08-12:16	Benjamin Sandford	32	Examining the effects of juvenile migration timing on adult age of Columbia River salmon
12:16-12:24	Peter Lawson	33	Fine-scale Chinook salmon distributions in commercial ocean salmon fisheries
12:24-12:30	Everyone		Questions for rapid fire speakers
12:30-2:00	Everyone		LUNCH
Theme Session: SUSTAINING MARINE ECOSYSTEM AND HUMAN HEALTH			
2:00-2:15	Vera Trainer	34	Phytoplankton as food for fisheries in the future ocean
2:15-2:30	Tish Conway-Cranos	35	Terrestrial-marine linkages in Puget Sound: trophic subsidies and oceanographic transport of freshwater, nutrients, and pathogens to shellfish beds
2:30-2:45	Kathi Lefebvre	36	A novel antibody-based biomarker for chronic algal toxin exposure and sub-acute neurotoxicity
2:45-3:00	Jeff Turner	37	Comparative genomics of clinical and environmental <i>Vibrio parahaemolyticus</i> reveals new markers for improved virulence detection in Washington State
3:00-3:15	Bich-Thuy Eberhart	38	Diarrhetic shellfish poisoning in Sequim Bay, Washington
3:15-3:30	Owen Hamel	39	Patterns of <i>Vibrio parahaemolyticus</i> concentrations in oysters, water, and plankton in Puget Sound
3:30-3:40	John Stein		Thank You and Conclude
3:40-5:00	Everyone		POSTER SESSION/REMOVAL