

Wednesday November 09, 2016

Time	Chair	Name	Supervisor	Title
8:45-9:00 Coffee				
9:00		Dr. Barbara Hawkins	Opening Remarks	
9:05	Dr. Hawkins	Dan Durston	Dr. R. El-Sabaawi	Evolution of expensive traits drives changes in resource interactions
9:20		Aaron Eger	Dr. J. Baum	The role of predators and species diversity in marine ecosystem function
9:35		Laura Kennedy	Dr. R. El-Sabaawi & Dr. F. Juanes	The importance of eelgrass for juvenile salmon
9:50		Jill McAllister	Dr. P. Gregory	Movement patterns of common gartersnakes near the northern extent of their range
10:05		Jamie McDevitt-Irwin	Dr. J. Baum	The unseen world of coral reefs: local and global stressors on the coral microbiome
10:20-10:40 Coffee				
10:40	Garth Covernnton	Lia Chalifour	Dr. J. Baum	Evaluating the use of habitats by juvenile salmon in the Fraser River estuary
10:55		Jacob Weil	Dr. F. Juanes	From jellyfish to salmon: amphipod trophically links jellyfish to juvenile Chinook salmon
11:10		Luci Marshall	Dr. D. Varela	Progression of phytoplankton blooms in an Arctic coastal region
11:25		Angeleen Olson	Dr. F. Juanes & Dr. M. Hessing-Lewis	Seascape connectivity alters seagrass' nursery function to rockfishes
11:40		Giulia Rossi	Dr. V. Tunnicliffe	Reproductive and physiological condition of the vent mussel
11:55-12:55 Lunch				
12:55	Therese Frauendorf	Geoff Osgood	Dr. J. Baum	The reliable estimation of shark abundance trends
13:10		Mauricio Carrasquilla	Dr. F. Juanes	Fish and mangrove in Ciénaga Grande de Santa Marta, Colombian Caribbean
13:25		Will Duguid	Dr. F. Juanes	Fine scale spatiotemporal patterns in juvenile Chinook Salmon ecology
13:40		Anne Shaffer	Dr. F. Juanes	Short take on dam(n) science: fish use of the Elwha nearshore
13:55		Amy Teffer	Dr. F. Juanes & Dr. S. Hinch	Nets, infections, sex, and survival of sockeye salmon bycatch
14:10-14:30 Coffee				
14:30	Katie Harms	Therese Frauendorf	Dr. R. El-Sabaawi	Predicted climate driven changes in flow affect stream nutrient dynamics in Hawaii
14:45		Piata Marques	Dr. R. El-Sabaawi	Urbanization effects on guppy fish
15:00		Eric Rondeau	Dr. B. Koop	Sex determination in lingcod and rockfish
15:15		Marie Vance	Dr. P. von Aderkas & Dr. B. Hawkins	Genetic structure and the inference of biogeographical history in subalpine larch
15:30		Yuriko Carrington	Dr. J. Ehlting	Determining the <i>in vivo</i> functions of poplar quinate dehydrogenase (QDH) genes

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8:45-9:00 Coffee				
9:00	Morgan Black	Ana Litke	Dr. B. Chow	Investigating the possible pathogenic link between <i>VSX1</i> variants & corneal dystrophies
9:15		Di Wu	Dr. B. Chow	Sonic hedgehog: a potential morphogen in mouse retina bipolar cell development
9:30		Chloe Christensen	Dr. F. Choy	CRISPR/Cas9 gene-editing for treatment of Sanfilippo syndrome
9:45		Michael Minkley	Dr. P. Walter & Dr. R. Nashmi	Iron dysregulation and accumulation: from Thalassemia to Neurodegeneration
10:00		Graeme Keais	Dr. S. Perlman	A selfish X chromosome in a mushroom-feeding <i>Drosophila</i> species
10:15-10:35 Coffee				
10:35	Angeleen Olson	Ramnique Ubhi	Dr. B. Hawkins	Nitrogen uptake by mycorrhizal communities
10:50		Rande Kanne	Dr. G. Allen	The phylogenetics and phylogeography of Garry oak
11:05		Deb Wertman	Dr. K. Bleiker & Dr. S. Perlman	Photosensitivity in developing mountain pine beetle (<i>Dendroctonus ponderosae</i>)
11:20		Morgan Black	Dr. F. Juanes	The effects of clam gardens on fish and invertebrate communities on Quadra Island, B.C.
11:35		Garth Covernton	Dr. J. Dower	Shellfish aquaculture as a source and/or sink for marine microplastic pollution
11:50-13:00 Lunch				
13:00	Deb Wertman	Marta Fontboté Piera	Dr. P. Constabel	Identification of MBW-interacting proteins inducing the tannin pathway in poplar
13:15		Gerry Gourlay	Dr. P. Constabel & Dr. B. Hawkins	The potential role of tannins as <i>in vivo</i> antioxidants in poplar
13:30		David Ma	Dr. P. Constabel	PtMYB117 regulates anthocyanin production & induces hydroxylation of phenolics in poplar
13:45		Kennedy Boateng	Dr. B. Hawkins & Dr. P. Constabel	Defense mechanisms of red alder (<i>Alnus rubra</i>)
13:45-14:05 Coffee				
14:05	Dr. Perlman	Amanda McLaughlin	Dr. G. Awatramani	Na ⁺ channels in the inner retina
14:20		Farnoosh Farhoomand	Dr. K. Delaney	Dynamics of cortical dendritic spines in female heterozygous Rett mouse neocortex
14:35		Bridget Ryan	Dr. B. Chow	MicroRNA-7 regulation of Pax6 expression
14:50		Jasem Estakhr	Dr. R. Nashmi	Cholinergic system: an important master of the dopaminergic system
15:05		Dr. Steve Perlman	Closing Remarks	