



## Deep Mutational Scanning Workshop

Tuesday, January 14, 2020

### AGENDA

<b>Opening Remarks   Introduction</b>	9:00 am – 9:10 am
<b>Kenny Matreyek, PhD   Case Western Reserve University – School of Medicine</b>	9:10 am – 9:40 am
<b>LIBRARY DESIGN, CONSTRUCTION, AND ANALYSIS</b>	
<b>Bryan Andrews, Graduate Student   Fields Lab - Genome Sciences - UW</b> <i>Oligo and PCR Methods</i>	9:40 am – 10:10 am
<b>Cailin Plesa, PhD   Knight Campus – University of Oregon</b> <i>DropSynth</i>	10:10 am – 10:40 am
<b>Coffee Break</b>	10:40 am – 11:10 am
<b>Alan Rubin, PhD   Walter &amp; Aliza Hall Institute of Medical Research – Australia</b> <i>Assigning Scores to Variants</i>	11:10 am – 11:40 am
<b>MODEL SYSTEMS AND SELECTION METHODS</b>	
<b>Ethan Ahler, PhD   REVOLUTION Medicines</b> <i>Picking a Model System</i>	11:40 am – 12:10 pm
<b>Molly Gasperini, PhD, Eric Jones, PhD   Octant</b> <i>Selection Methods</i>	12:10 pm – 12:20 pm
<b>Nick Hasle, Graduate Student   Fowler Lab – Genome Sciences - UW</b> <i>DMS with Visual Phenotypes</i>	12:20 pm – 12:50 pm
<b>Lunch with Breakout Sessions</b>	12:50 pm – 2:25 pm
<b>APPLICATION OF DEEP MUTATIONAL SCANNING</b>	
<b>Brian Shirts, MD PhD   Department of Lab Medicine – UW Medicine</b> <i>Clinical Variant Interpretation</i>	2:25 pm – 2:55 pm
<b>Tyler Starr, PhD   Post-doctoral Fellow – Bloom Lab – Fred Hutchinson Cancer Research Center</b> <i>Studying Epistasis with DMS</i>	2:55 pm – 3:25 pm
<b>Closing Remarks   Nick Hasle, Graduate Student – Fowler Lab - UW</b>	3:25 pm – 3:30 pm

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