



















Malin Hansen



- 1. Concept inventory for population dynamics
- 2. How to use analogies for effective learning
- 3. Changes in student attitudes to biology across the program







2-stage (group) exams

- Students complete an exam individually and hand in
- Get together in groups of four and work on the same exam
- Hand in
- Mark is a combination of individual score (75%) and group score (25%)



"The group exams give you a chance to go over your answers to the exam while you still care about the questions."



Lisa McDonnell



- Misconceptions in genetics (and comparison of UBC students vs. students in a MOOC)
- Retention of conceptual knowledge vs. procedural skills in genetics
- Characteristics of expert vs. novice problem solving behavior in genetics

Laura Weir
 Characterizing student challenges with constructing logical arguments in Biology Efficacy of interventions targeting study skills Integrating treatment of phylogenetics concepts across cources

Mandy Banet



- Utility of targeted prereading assignments
- Characterizing student challenges with constructing logical arguments in Biology







Megan Barker



• Effectiveness of "flipped classroom" and "blended learning" strategies

