Break-out Session #2
Discovery vs. Concept Re-enforcement Labs

What is definition of Discovery?
- MUN = lab manual of procedures, do as many as you can
- Lakehead = analyze this, here’s Vogel
- Trinidad high school = plan and design
- Mount Allison = plan, order, execute and report
- UofA = special project students
- Student choice on experiments (choose between 3 exp)
- Undergraduate research experience

Intentional vs. Unintentional Discovery Labs
- if lecture is behind labs, concept re-enforcement labs become “discovery” labs
- junior students struggle
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- Both types of labs have merits
- Use gradient in discovery vs. concept
  - gradually incorporate discovery through program
- Quality vs. Quantity
  - 2-3 full discovery instead of 10 re-enforcement labs
  - spoon feed procedure to enable focus on observations
- Enhancing pre-lab preparation