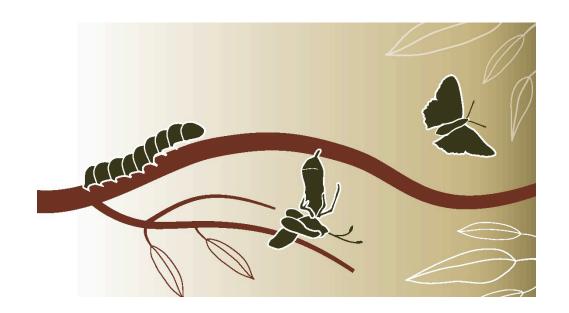
Teaching in Large Classes Engaged or Not?



DVC(A) asked....How can we decrease withdrawal and failure rate in first year?

OLT project: Transitions in Biology-Secondary to Tertiary Karen Burke da Silva Gerry Rayner, Tania Blanksby Mary Familari Jeanne Young



First Year Biology in Australia

- What is being taught
- How it is being taught
- Who is being taught
- How it is assessed

Large classes are cheap....

So if they stay, how can we engage students?

- 1. Project based teaching
 - Singapore
 - Faculty of Science and Engineering at Flinders
 University
 - Start with first year biology

Structure

- Pre lecture
- Lecture
- Lectorial
- Lab again costly...how much time in the lab?
- Supervised study
- Could this eventually go across disciplines?
 How could we do this?

Research – in first year, is it too hard??

- Engage a very diverse group (36 different degree programs)
- Provide problems to students who need to aquire knowledge in other disciplines to solve their problem...
- These can be real world problems which could receive funding by industry.