

# Engaging Undergraduates in

RESEARCH and INQUIRY:



## A Scholarly Dialogue

### Interactive Learning in Animal Biotechnology

Course Instructor/Project leader

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### **Project/Course Objectives**

Students are expected to learn to think through problems like scientists in animal biotechnology.

### **Inquiry Based Learning Activities**

- Students (in groups of 4-7) first selected research articles from an assigned topic in the field of animal biotechnology.
- · The research papers were presented in front of the whole class for 30-35 minutes.
- The presentation was followed by an interactive question & answer session for 15-20 minutes.
- The PowerPoint presentation files and the research article pdf files were uploaded onto the course website so that the whole class could share the materials.

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### How did you assess the effectiveness of students' learning?

- Students were assessed according to their presentation performance (content, presentation, organization and discussion).
- For the non-presenting students, they were assessed by the questions they raised in the question & answer session as well as the comments they wrote down on the comment form.

### What were the major outcomes of this project/course? Do they match with your objectives?

- Students enjoyed the discussion session very much as evident by the number of questions raised and the volume of written comments received after each presentation.
- Students' feedbacks also reflected they were very positive about this type of learning activity.