### Today
- Syllabus
- Expectations
- The Nature of Science
- Ethics and Science

### Ecology and Evolution Syllabus
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**Office Hours**
- M: 11-12
- W: 9-10
- TH: 10-11 & 5-6
- F: 10-11

**Attendance**
Required!

### TEXTBOOK & Materials:
**Evolution and Ecology of the Organism** by Rose and Mueller

Material in the text may be included on the exams regardless of whether the instructor lectured over the topic.!!

CPS e-instruction “clickers”

### E-Instruction Response Pads
- Must Purchase
- Must Register
  - $18 at bokstore
  - $15 online
  - When asked Student ID use your ISO number from student ID.
- First Quiz on Monday
EXAMS: The exams will be objective multiple choice exams. They will cover both materials presented in class and materials covered in assigned readings.

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<th>ITEM</th>
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<td>Quizzes</td>
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<td>Final Exam (Comprehensive)</td>
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<td><strong>Total</strong></td>
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**Student Photo ids must be provided on exam days**

**MAKE-UP EXAMS:** Make-ups will be given ONLY if the student has a documented excuse.

Missing the exam for any other reason will result in a zero on that exam.

Make-ups will consist of detailed essay questions, and may have an oral component. No exceptions will be made.

**Quizzes:** A minimum of 14 quizzes will be given. Some will occur on the days indicated in the syllabus. Others will be “pop” quizzes.

These will be electronically administered.

Make-ups will **not** be allowed for quizzes, but the lowest three quiz grades will be dropped. Partial credit will be given being present to take the quiz.
CHEATING

Don’t!!!
The Academic Integrity Policy as stated in PRP 3512 will be enforced in this class.

The instructor holds himself and his students to a high standard of integrity, and will advocate severe penalties for any student caught cheating.

EXPECTATIONS

The instructor assumes that the students enrolled in this class are:

Bright!

Capable of understanding complex subjects.

Eager and willing to learn.

Do not wish to be treated as if they were dumb and incapable of learning.

The instructor will not water down the course for those students who are unwilling and uninterested in working hard.

The instructor assume that part of his duty is to train you to become a young professional.

A professional comes to work prepared.

A professional must successfully complete assignments on time and with out complaint.

A professional does not call his boss the night before a big assignment is due and ask for extra time.

Professionals are occasionally assigned tasks they do not want, and may think they are not “good” at. The professional is still expected to complete those tasks.
What is Science?

Many Answers:
1. A way of gaining knowledge.
2. The knowledge gained by scientists
3. What scientists do
4. One long argument

Science is a way of gaining knowledge
How do we know things?
   Instinct?
   Revealed Knowledge?
   Authority?
   Reasoning
      Inductive reasoning
      Deductive reasoning

What do you know?
How do you know?