

INTRODUCTION TO EXPERIMENTAL BIOLOGY 2009

Instructors - Fall Semester: Biol 109

Chris Gillen*, HIG 310, x5399 - gillenc
Kathryn Edwards, HIG 214, x5654 - edwardsr
Patricia Heithaus, HIG 012, x5631 - heithausp
Wade Powell, FSH 202, x5396 - powellw
Jennifer Smith, HIG 201, x5225 - smithje

Spring Semester: Biol 110

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* Course Coordinator

Week	Date	Topic
1	Aug 31 - Sept. 4	Discovering Patterns: Fiddler crab morphology
2	Sept. 7 - Sept.11	Explaining Patterns: The Growth of <i>Pinus strobus</i>
3	Sept. 14 - Sept. 18	Explaining Patterns: Phenotypic Plasticity of Oak Leaves
4	Sept. 21 - Sept. 25	Reporting Findings: Anatomy of a research article; Protist observations
5	Sept. 28 - Oct. 2	New experimental system: <i>Tetrahymena pyriformis</i> vacuole formation
6	Oct. 5 - Oct. 9	Original experiments: <i>Tetrahymena pyriformis</i> vacuole formation
7	Oct. 12 - Oct. 16	October break, no lab, <i>Tetrahymena</i> paper drafts due
8	Oct. 19 - Oct. 23	Individual conferences with instructor about <i>Tetrahymena</i> paper
9	Oct. 26 - Oct. 30	Skeletal muscle contraction: Human grip strength
10	Nov. 2 - Nov. 6	Smooth muscle contraction: Earthworm crop-gizzard
11	Nov. 9 - Nov. 13	Detecting natural selection: goldenrod gall data collection
12	Nov. 16 - Nov. 20	Detecting natural selection: data analysis
	Nov. 23 - Nov. 27	Thanksgiving Break
13	Nov. 30 - Dec. 3	Mudworm circulation: data collection
14	Dec. 7 - Dec. 11	Mudworm circulation: data collection; Library session
	Finals week	Statistical analysis review tutorial