

BIOL 4554/5524: DEVELOPMENTAL BIOLOGY LAB - SPRING 2009

TENTATIVE SCHEDULE

Lab No.	Date	Topic
1	Jan 21	Introduction; tools and instruments
2	Jan 28	Lab canceled (ice storm)
3	Feb 04	Planarian Regeneration
4	Feb 11	Life cycle of <i>Dictyostelium</i> ; Planarian Regeneration continued...
5	Feb 18	Development of <i>Drosophila</i> ; Planarian Regeneration and Life cycle of <i>Dictyostelium</i> continued...
6	Feb 25	Analysis of <i>engrailed</i> expression and of <i>Drosophila</i> enhancer trap lines; <i>Dictyostelium</i> continued...
7	March 04	no lab (scientific meeting)
8	March 11	Polytene chromosome squashes; Analysis of enhancer trap lines continued...
SPRING BREAK		
9	March 25	Sea urchin: fertilization and early embryogenesis
10	April 01	Sea urchin: larval development
11	April 08	Chicken egg; early chick development
12	April 15	Living chick embryos (whole mounts)
13	April 22	Chick 33-hour embryo; Living chick embryos continued (staining); Amphibian development (slides and models)
14	April 29	Living chick embryos continued (mounting); lab report; <u>Clean-Up</u>
Tuesday, May 05 Final Exam, 3:00 to 5:00 PM		