

LABORATORY INVESTIGATIONS

BIOLOGY 1122

Fall 2007

INSTRUCTORS: Section 1 (Mon pm lab, SB 3.01.34) - Linda Carrillo ✓
Section 2 (Mon pm lab, SB 3.01.36) - Abdul Sathar ✓
Section 3 (Mon night lab, SB 3.01.34) - Ananya Guntur ✓
Section 4 (Tue am lab, SB 3.01.34) - Anna Boeck ✓
Section 5 (Tue am lab, SB 3.01.36) - Niannian (Eva) Ji ✓
Section 6 (Tue pm lab, SB 3.01.34) - Jenny Wells ✓
Section 7 (Tue pm lab, SB 3.01.36) - Anna Boeck ✓
Section 901 (Tue pm lab DT, DB 2.306) - Linda Carrillo ✓
Section 8 (Tue night lab, SB 3.01.34) - Andrew Adorboe ✓
Section 9 (Wed am lab, SB 3.01.34) - Janani Krishnamurthy (JK) ✓
Section 10 (Wed am lab, SB 3.01.36) - Abdul Sathar ✓
Section 11 (Wed pm lab, SB 3.01.34) - Brian Bauereis ✓
Section 12 (Wed pm lab, SB 3.01.36) - Annette Rodriguez ✓
Section 902 (Wed pm lab DT, DB 2.306) - Linda Carrillo ✓
Section 13 (Wed night lab, SB 3.01.34) - Kengi Sei ✓
Section 14 (Thurs am lab, SB 3.01.34) - Solomon Nfor ✓
Section 15 (Thurs pm lab, SB 3.01.34) - Jennifer Schulze ✓
Section 16 (Thurs pm lab, SB 3.01.36) - Stephen Rodriguez ✓
Section 17 (Fri am lab, SB 3.01.34) - Solomon Nfor ✓
Section 18 (Fri pm lab, SB 3.01.34) - Jenny Wells ✓
Section 19 (Fri pm lab, SB 3.01.36) - Kengi Sei ✓
Section 20 (Sat am lab, SB 3.01.34) - Linda Carrillo ✓

Note: Tue - Fri am labs are 7:30am to 12.30pm, Sat am lab is 8:00am to 1:00pm, Mon - Fri pm labs are 1:00pm to 6:00pm and Mon - Wed night labs are 6:30pm to 11:30pm

OFFICE HOURS: After class and by appointment

OFFICE PHONE: Department Of Biology Office 458-4458

TEXT & NECESSARY SUPPLIES: Farnsworth, Laboratory Investigations in Biology, 2007, Eight ed. & Calculator

SUGGESTED SUPPLIES: Two pocket folder, 1.5" 3-ring binder & dividers (at least 12)

COURSE OBJECTIVES: The student will learn by a "hands on" approach to doing experimental biological science; via the **LOOK, GUESS** and **TEST** method (the way science is done in the real world).

CALCULATION OF GRADES: Laboratory notebook - 20%
Class participation, attitude, and cooperation - 5%
Quizzes - 20%
Presentations - 10%
Midterm (open lab notebook) - 20%
Final (open lab notebook, cumulative) - 25%

A=90-100% B=80-89% C=70-79% D=60-69% F=0-59%

LAB RULES: No make-up labs, quizzes or exams, except in cases of serious illness (verified) or personal emergencies such as a death in the family (verified).

Attend your lab section on time and do your own work. (YOU WILL BE DOCKED POINTS OFF OF YOUR LAB NOTEBOOK GRADE FOR BEING LATE AND IF YOU ARE ONE HOUR OR MORE LATE YOU WILL NOT GET CREDIT FOR THAT LAB.) Attending another section is only permitted in emergencies and with the consent of both instructors and the lab coordinator.

CELLULAR PHONES, PAGERS, ALL COMMUNICATIONS DEVICES SHOULD BE

TURNED OFF. DO NOT PLACE OR RECEIVE CALLS AND/OR MESSAGES IN CLASS

NO OPEN TOED SHOES (THE SHOES MUST COVER ALL OF YOUR FOOT & SOCKS WORN. YOU MAY NOT ENTER THE LAB WITHOUT THE PROPER FOOT WEAR ON.

NO EATING OR DRINKING IN THE LAB UNLESS IT IS REQUIRED.

Some laboratories involve dissection of preserved specimens. In addition, in the development lab, students will study living sea sea urchins. Alternatives to these experiments are available. Students are required to participate in lab or the alternative.

BIO 1122 SYLLABUS

<u>WEEK OF</u>	<u>MODULE</u>	<u>TOPIC</u>
Aug 22-25	Check-In	Introduction
Aug 27-Sept 1	I	Anatomy/Introduction
Sept 3-8	Labor Day Holiday <u>Monday Classes</u> Will Not Meet This Week. Tuesday - Saturday Classes will have Anatomy lab	
Sept 10-15	II	Microscopy
Sept 17-22	III	Instrumentation
Sept 24-29	IV	Human Physiology
Oct 1-6	V	Forensic Biology
Oct 8-13	VI	Molecular Biology: Cut and Paste
Oct 15-20	MIDTERM	
Oct 22-27	VII	Microbiology
** OCTOBER 23 IS THE LAST DAY FOR SOPHOMORE AND ABOVE TO DROP AN INDIVIDUAL **		
** COURSE AND RECEIVE AN AUTOMATIC "W". **		
Oct 29-Nov 3 Behavior/Development	IX	Animal
Nov 5-10	XI	Nutrition/Development
Nov 12-17	XII	Botany
Nov 19-24	Thanksgiving Holidays (NO CLASSES THIS WEEK)	

FINAL EXAM SCHEDULE

Monday, November 26	Monday pm labs - 1:00pm to 4:00pm Monday night lab - 6:30pm to 9:30pm
Tuesday, November 27	Tuesday am labs - 7:30am to 10:30am Tuesday pm labs - 1:00pm to 4:00pm

Tuesday night lab - 6:30pm to 9:30pm

Wednesday, November 28

Wednesday am labs - 7:30am to 10:30am

Wednesday pm labs - 1:00pm to 4:00pm

Wednesday night lab - 6:30pm to 9:30pm

**** NOVEMBER 28 IS THE LAST DAY FOR FRESHMAN TO DROP AN INDIVIDUAL ****
**** COURSE AND RECEIVE AN AUTOMATIC "W" . ****

Thursday, November 29

Thursday am lab - 7:30am to 10:30am

Thursday pm labs - 1:00pm to 4:00pm

Friday, November 30

Friday am lab - 7:30am to 10:30pm

Friday pm labs - 1:00pm to 4:00pm

Saturday, December 1

Saturday am lab - 8:00am to 11:00am