

PCB 6095 PROFESSIONAL DEVELOPMENT IN BIOLOGY I
 PCB 7090 ADVANCED RESEARCH COMMUNICATION I
 Fall 2013

When: Tues 5:30–6:20 **Where:** Bio 415 **Who:** Pedro F Quintana–Ascencio
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Course Web Page: <http://pascencio.cos.ucf.edu/>

Developed in collaboration with Dr. Dave Jenkins

Goal: To help you prepare for a successful graduate experience and career as a professional biologist.

Policies: Attendance and civilized participation are important and expected. Three general topics will be addressed throughout the course:

1. Progress. Your progress toward a successful graduate degree, presentations, and publications.
2. Challenges. Your challenges and how to surmount them.
3. Rules. Official regulations, deadlines, requirements, etc. that you must meet.

Approach: Each week will consist of discussions revolving around weekly “homework” assignments you conduct during the week plus upcoming subjects and anything else germane to your success.

Tentative Schedule (can change as needed to suit progress and events)

Date	Discussion Topics	Homework Topics
22 Aug	1. Introduction	Trustees in this Asylum
5 Sep	2. Homework; Great Expectations	Expectations
12 Sep	3. Homework; The Life of a Grad Student	A Week in the Life 1
19 Sep	4. Homework; The Life of a Professor	A Week in the Life 2
26 Sep	5. Homework; Reconciling Life & Science	Time Management
3 Oct	6. Homework; Ethics in Academia	Ethics 1
10 Oct	7. Homework; Ethics in Research	Ethics 2
17 Oct	8. Homework; Ethics in Publishing	Ethics 3
24 Oct	9. Homework; Program of Study	Program of Study 1
31 Oct	10. Homework; Program of Study 2	Program of Study 2, Platt 1964, McGill et al. 2007
7 Nov	11. Homework; Strong Inference	Strong Inference
14 Nov	VOTE !! 12. Homework; Hypotheses/Questions/Predictions	HQP 1

13 Nov	13. Homework; Planning Research	Research 1
20 Nov	14. Homework; Your Research	Research 2
27 Nov	15. Homework; Advisory Committee & Proposal	
4 Dec	Finals Week	

Grading: Satisfactory/Unsatisfactory