

TYPE or PASTE ABSTRACT BELOW (DO NOT USE OTHER SHEETS)

Top margin 1" Left/Right .5"

RETURN THIS FORM WITH RESEARCH PAPER FOR PROPER GRADE PROCESSING

11/09

Student NAME		Student ID			
LOCAL Street Address		LOCAL Phone			
City State Zip Code		UALBANY email			
* I understand that after 2 registrations in this course I must participate in the April symposium!			Initial here ➤		
Supervisor Name		Supervisor PHONE			
Department / Affiliation		EMAIL			
Street Address					
City State Zip Code					
REGISTRATION:	JUNIORS 1-3 credits 2-3 credits		SENIORS 1-4 credits 2-4 credits	Number of Credits	Work Load 3 hrs/wk/credit
Check one	<input type="checkbox"/> 399	<input type="checkbox"/> 399Z	<input type="checkbox"/> 499	<input type="checkbox"/> 499Z	Class #:
Enter Year/check semester	_____ year <input type="checkbox"/> FALL <input type="checkbox"/> SPRING <input type="checkbox"/> SUMMER			Permission #	

Final Grade (A-E)

Supervisor Signature:

Date:

Students/supervisors KEEP a copy of the research paper for your records.

Final Graded Papers Due To Research Coordinator by within 5 business days of the last day of classes each semester!

Summer and Fall 2009
Spring 2010



Dr. Robert Osuna
Research Coordinator
Supervised Research
osuna@albany.edu
LS2062 ~ 591-8827

Blanche Feck, Staff Asst.
feck@albany.edu
BIO 126~ 442-4337

REPORT LAB ACCIDENTS:

- ◆ Your Supervisor
- ◆ UAlbany Health & Safety
442-4395
- ◆ Dr. Robert Osuna
591-8827



REGISTRATION

ABIO 399/Z JUNIORS AND ABIO499/Z SENIORS

- Review the descriptions in Research Opportunities www.albany.edu/biology
- Click Research>Undergrad Research>Select a Lab
- Meet with a supervisor whose work you are interested in
- Mutually agree on a project
- Complete this form
- Obtain a Permission Number:
Bio Supervisors:
Blanche Feck
Other Supervisors:
Robert Osuna
- Register for the course:
1-3 credits ABIO 399/Z (Jr)
1-4 credits ABIO 499/Z (Sr)
The system assumes 1 credit—Adjust accordingly
- Work 3 hrs/week/credit
3 credits = 9 hrs/week
4 credits = 12 hrs/week
- Additional hours possible, *if the student has time.*
- Summer Session II only: 8-10 hrs/week/credit
- Submit a research paper to the Supervisor
- Supervisor Graded (A-E) papers are sent to Dr. Osuna by the last day of classes each semester
- Course Fulfillment 4 credits over 2 semesters, may fulfill 1 lab course requirement for the B.S. degree; and may contribute a total of 4 credits toward the biology major.
- A maximum of 6 credits may be earned in ABIO 399/399Z and 8 credits in ABIO 499/499Z

RESEARCH PROJECT & GRADING (see syllabus for details)

- The student project should be a self-contained activity from which a paper with an introduction, methods, results, discussion, and references can be produced.
- It may be related to the research of the lab, but should have its own intellectual identity.
- Students should be engaged in scientific research in the field/lab.
- The *main goals* is for students to learn the rudiments of the scientific method, and not simply provide free technical help.
- **GRADING (A-E)**
 - Students submit a research paper to the supervisor
 - Supervisors assign an A-E grade for the paper which reflects the semester's work in the lab regarding time, motivation, understanding of scientific approaches. **(See Syllabus)**
 - Graded papers are sent to Coordinator within 5 business days of the last day of classes each semester.
 - Supervisors may request an incomplete grade, but should have a target deadline for completion of work. If approved the Incomplete is assigned for one semester!
- **ABIO 399Z & 499Z WRITING INTENSIVE Versions**
 - Pre-requisite: 2 credits of ABIO 399 or ABIO 499.
 - Participants work to produce a highly polished paper suitable in language and form (not necessarily results) for submission to a professional journal.
 - **Supervisors, See syllabus before agreeing to mentor a student in a "Z" component**
 - The paper must be a substantial body of work ~20 pages.
 - Students should receive supervisor assistance with revisions and,
 - Receive detailed comments.

SPRING UNDERGRADUATE RESEARCH SYMPOSIUM

- **Students are required to participate in this event after 2 registrations in ABIO 399/499 or "Z" components.**
- Participants may present their research orally or in poster format
- Graduating Biology majors are eligible for the Glenn L. Bumpus award for best Undergraduate Researcher for an oral presentation
- Other participants may receive the Biology Research Award
- Recent Research Projects
 - "Developing FRET Reporters for Forces in DNA Kissing Triangles"
 - "Budding yeast mRNA translation, localization and storage proteins are required for Ty1 transposition"
- "Insights into the ROCK-mediated pathway leading to branching morphogenesis in mouse submandibular salivary gland"
- "The effect of reducing impulse activity on synaptic development and locomotion in Drosophila"
- "The effect of par3/6 antisense suppression on branching of retinotectal arbors"