

**BI495 & BI499—Research I and Research II, Spring 2015 (Jan 2016-May 2016), 3 hours**

Division of Natural Sciences and Mathematics  
Chaminade University of Honolulu

**Meeting Times:** Tuesdays at 5:30 PM\*

**Instructors:** Dr. Joan Kuh, Assistant Professor Biology, Wesselkamper Science Center 102; 739-4642; [joan.kuh@chaminade.edu](mailto:joan.kuh@chaminade.edu);

**Office Hours:** MF 1:30-4 PM; W 3-5 PM or by appointment

**Course Descriptions:**

**BI495** is a seminar course accompanying a research project (approximately 10 hours per week) performed in Chaminade or other research laboratory under supervision of a practicing research scientist. *Prerequisites: senior standing in biology and consent of program advisor.*

**BI499** is the second semester of the research project (approximately 10 hours per week) performed in Chaminade or other research laboratory under supervision of a practicing research scientist. Offered annually. *Prerequisites: BI 495.*

**Text:** NONE

**Grading:** 85-100% (A); 75-84% (B); 60-74% (C); 50-59% (D); < 50% (F).

Your grade will be based on the following items:

| Component           | Points | % Grade |
|---------------------|--------|---------|
| White Paper         | 40     | 20%     |
| Attendance          | 40     | 20%     |
| Poster              | 60     | 30%     |
| Poster Presentation | 60     | 30%     |
| Total               | 200    |         |

**Description of grade components:**

**White Paper**—a one to two page document that presents your research project (see outline below)

**Attendance**—Biweekly class meeting during which time students will be asked to discuss and present research.

**Poster and Poster Presentation** (75%) – poster of research and presentation of that poster at a one hour symposium to be scheduled sometime during the last two weeks of class (most likely a Friday at 12:30).

**Other information:**

**Writing policy:** All papers should demonstrate mastery of grammar, punctuation, spelling and syntax expected of college level students.

**Disability information: ADA Accommodations:** Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from the CUH Counseling Center (Dr. June Yasuhara; phone 735 4845) by the end of week three of the class, in order for the instructor to plan accordingly. Failure to provide written documentation will prevent your instructor from making the necessary accommodations. Please refer any questions to the Dean of Students and review the procedures at [http://www.chaminade.edu/student\\_life/ssc/counseling\\_services.php](http://www.chaminade.edu/student_life/ssc/counseling_services.php)

## Tentative Schedule\*

*Shown here are deadlines and schedule of class meetings. Since we meet only twice a month (except April), it's critical that you make it to these meetings. I expect that you will be meeting once a week with your PI.*

| Week | Dates & Activity                                                             |
|------|------------------------------------------------------------------------------|
| 1    | Jan 12-- Set time that we can meet as a class (week 1);                      |
| 2    | contact mentor about research project., start research                       |
| 3    | Jan 19 <sup>th</sup> —meet in class at arranged time                         |
| 4    | Feb 09—white paper due; meet in class                                        |
| 5    |                                                                              |
| 6    | Week of Feb 23rd --class                                                     |
| 7    | Students discuss project and progress of research                            |
| 8    | Week of March 08 --class                                                     |
| 9    | Poster formats; Start student presentations                                  |
| 10   | Week of March 14--class                                                      |
| 11   | <b>SPRING BREAK –no class Monday March 21-Friday March 25</b>                |
| 12   | Week of March 28 --class                                                     |
| 13   | Continue student presentations                                               |
| 13   | Week of April 11--Class Draft of poster due                                  |
| 14   | Week of April 18 --Class —Second draft of poster due; presentations practice |
| 15   | Week of April 25 at 12:30 Wednesday or Friday RESEARCH SYMPOSIUM , Room TBA  |

## White Paper

What is a “white paper”?

*This is a document style that is becoming increasingly popular in business and the sciences. In the sciences, it is being used to “pitch an idea” to a granting agency before being asked to write a full length grant proposal.*

Format [1-2 pages, single space, one inch margins, include references!]:

**Title:** *Indicate whether this is the final title or a running title*

**Purpose of Project :** Hypothesis or purpose of project . . .may include 2-3 sentences of background information.

**Approach:** General description including cell or experimental system, methods, equipment.

**Principal Investigator :** include institute and where research was conducted/is being conducted

**Timeline:** (for those of you who have completed a project , please list dates when work was completed).

**Reference(s):** There should be at least one primary source/publication included/cited.

**Poster completed yet?** ☐ YES ☐ NO