

**Instructor:**

Jo Hardin  
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OH: Mon & Wed 1:30-4pm  
<http://pages.pomona.edu/~jsh04747>  
phone: 607-8717  
(home: 624-5860, not after 9pm)

**Mentor:**

Nicole Lehle  
Andrew 257  
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Sun & Tues 7-8:30pm

**Text:**

Not required:

*The Analysis of Biological Data*, by Whitlock & Schuller  
*Introductory Statistics with R*, by Dalgaard  
*A Handbook of Statistical Analyses Using R*, by Everitt and Hothorn

**Exams:**

We will have two midterm exams (on Thursday , 2/26/09 and Thursday 4/23/09) and a final exam (on Monday, May 11th, 9am). Exams will have in-class and take-home components.

**Homework:**

Homework will be assigned at most classes and is designed to help you keep up with the material. In order to understand the material, it is vital that you complete the homework. Some of the homework will be done with pencil and some will be done on the computer. One homework grade will be dropped. No late homework.

**Computing:**

We will be using R for many of the homework assignments. R is freely available at <http://www.r-project.org/> and is already installed on the machines in Andrew, Hahn, and ITS. I will provide handouts to demonstrate the R syntax.

**Labs:**

We will have weekly labs and corresponding lab assignments. The lab assignments can be done outside of class, but attending lab is highly recommended.

**Participation:**

This class will be very interactive which means that you are not only expected to come to class but also to participate in class. There will often be assignments due during class periods, and I will expect everyone to be actively participating in any activities which take place during the class. The in class assignments and activities will contribute to your participation grade.

<b>Grading:</b>	20%	Homework
	40%	Midterm Exams
	20%	Final Exam
	10%	Lab Assignments
	10%	Class Participation

**Academic Honesty:** Pomona College is an academic community, all of whose members are expected to abide by ethical standards both in their conduct and in their exercise of responsibilities toward other members of the community. The college expects students to understand and adhere to basic standards of honesty and academic integrity. These standards include, but are not limited to, the following:

1. In projects and assignments prepared independently, students never represent the ideas or the language of others as their own.
2. Students do not destroy or alter either the work of other students or the educational resources and materials of the College.
3. Students neither give nor receive assistance in examinations.
4. Students do not take unfair advantage of fellow students by representing work completed for one course as original work for another or by deliberately disregarding course rules and regulations.
5. In laboratory or research projects involving the collection of data, students accurately report data observed and do not alter these data for any reason.

Please feel free to stop by, email, or call if you have any questions about or difficulty with the material, the computing, the projects, or the course. Come see me as soon as possible if you find yourself struggling. If you have a documented disability and wish to discuss academic accommodations, please contact me as soon as possible. The material will build on itself, so it will be much easier to catch up if the concepts get clarified earlier rather than later.

ENJOY!