Mel and Enid Zuckerman College of Public Health
University of Arizona

SYLLABUS
Biostatistics Seminar
Epidemiology/Public Health 696S
SPRING 2013

Time: Wednesday Noon – 1 pm
    except for: Monday February 25 4 – 5 pm

Location: Drachman A122 most weeks except for:
          February 6, March 6, April 3, May 1: TBA (Statistics GIDP Colloquia)
          February 13, March 20, April 10: Drachman A114 (MEZCOPH Seminars)

Instructor: Denise J. Roe, Dr.P.H.
            Professor, Epidemiology & Biostatistics
            A240 Drachman Hall
            Telephone: 626-3975
droe@email.arizona.edu

Office Hours: After class or by appointment

Catalog Description: This is a graduate-level seminar consisting of presentations by diverse
speakers on a range of topics in biostatistics and in public health. This is also a forum in which
biostatistics students will give presentations.

Course Prerequisites: This course is restricted to graduate students in Biostatistics, Statistics
or other quantitatively oriented disciplines.

Course Learning Objectives: At the end of the course students will:

1. Have an increased understanding of the range of biostatistical applications and research
   being conducted
2. Be able to critically evaluate the biostatistics and statistics literature

Biostatistics Competencies:

1. Ability to select appropriate research designs to meet the needs of various studies, and be
   able to explain the limitations of implemented designs
2. Ability to skillfully engage in statistical collaboration with mentors, colleagues, and clients
3. Demonstrate understanding of methods of data analysis and data monitoring
Course Format: Seminars will be presented by outside speakers and faculty and students from The University of Arizona. Topics may include biostatistical research, discussion of published papers, and presentations of statistical analyses.

Course Requirements and Evaluation: Pass-Fail Grading. Attendance will be taken at each class. Students also must complete an evaluation form and return it to the instructor. Students must attend and participate in at least 12 sessions to receive a grade of P.

If a student cannot attend a seminar session, substitution of another seminar may be appropriate. The student will be asked to provide documentation of attendance at the seminar and a one-page description of the material covered.

Course Notes: A webpage is being created for this class using the Desire 2 Learn (D2L) interface. The course website will contain the announcement of the seminar for each week and any required papers for the seminar. Please check it regularly.

To access the 696S website, login at: http://d2l.arizona.edu/index.asp
- Click the ‘UA NetID’ Login.
- Enter your NetID and password, as you would to access your UA email account.

Under ‘My Courses’, click on: ‘EPID696S FA12 001’
  o News: This section contains seminar announcements including the room
  o Content: Any papers or supplemental information about a seminar

For further information on how to use the D2L interface, go to: http://www.help.d2l.arizona.edu/tip_sheet

Note that D2L has a separate email system. Please remember to check it regularly. Alternatively you can configure it to forward your D2L email to your UA email account. The instructions are found at: http://help.d2l.arizona.edu/students/email#autoforward

Note that if you do not have a UA NetID, please see me so that I can give you access to the D2L site.
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<tr>
<th>Date</th>
<th>Room</th>
<th>Speaker</th>
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| Jan 9    | A122 | Lee Cramner, MD  
Associate Professor of Medicine  
The University of Arizona |
| Jan 16   | A122 | Denise Roe, DrPH  
Professor and Section Chair, Biostatistics  
The University of Arizona |
| Jan 23   | A122 | TBA                                                                    |
| Jan 30   | A122 | TBA                                                                    |
| Feb 6    | TBA  | Statistics GIDP Colloquium  
TBA                                                     |
| Feb 13   | A114 | MEZCOPH Seminar  
Timothy J. Buckley, PhD  
Environmental Protection Agency  
Research Triangle Park, North Carolina |
| Feb 20   | A122 | Fengzhu Sun, PhD  
Professor, Molecular and Computational Biology  
University of Southern California |
| **Feb 26**  | TBA  | **Note change**  
4:00 pm  
**Leslie McClure, PhD**  
Associate Professor, Biostatistics  
University of Alabama at Birmingham |
| Mar 6    | TBA  | Statistics GIDP Colloquium  
TBA                                                                    |
| Mar 13   |      | Spring Break                                                           |
| Mar 20   | A114 | MEZCOPH Seminar  
TBA                                                                    |
| Mar 27   | A122 | Hongyuan Cao, PhD  
Assistant Professor, Biostatistics  
University of Chicago |
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<th>Date</th>
<th>Time</th>
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<td>Apr 3</td>
<td>TBA</td>
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<td>Apr 10</td>
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<td>David Allison, PhD</td>
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<td>Distinguished Professor, Department of Biostatistics</td>
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<td>University of Alabama at Birmingham</td>
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<td>Apr 17</td>
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<td>Jimbo Chen, PhD</td>
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<td>University of Pennsylvania</td>
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<td>Apr 24</td>
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<td>TBA Master's Thesis Defense</td>
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<td>May 1</td>
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Required Statements:

Communications: You are responsible for reading emails sent to your UA account from your professor and the announcements that are placed on the course web site. Information about readings, news events, your grades, assignments and other course related topics will be communicated to you with these electronic methods. The official policy can be found at: http://www.registrar.arizona.edu/emailpolicy.htm

Disability Accommodation: If you anticipate issues related to the format or requirements of this course, please meet with me. I would like us to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with Disability Resources (621-3268; drc.arizona.edu) and notify me of your eligibility for reasonable accommodations. We can then plan how best to coordinate your accommodations. The official policy can be found at: http://catalog.arizona.edu/2012-13/policies/disability.htm

Academic Integrity: All UA students are responsible for upholding the University of Arizona Code of Academic Integrity, available through the office of the Dean of Students and online: The official policy is found at: http://deanofstudents.arizona.edu/academicintegrity

Classroom Behavior: Students are expected to be respectful of the speaker and other students at all times (including limited talking, no reading newspapers, etc.). Cell phones should be in the mute or vibrate position. If you must take an emergency call during class please leave class quietly to speak with the caller (do not leave and return more than once as this disrupts the rest of the class). Please do not text during class. Students may use their laptops during class only for course related material.

The Dean of Students has set up expected standards for student behaviors and has defined and identified what is disruptive and threatening behavior. This information is available at: http://deanofstudents.arizona.edu/disruptiveandthreateningstudentguidelines

Students are expected to be familiar with the UA Policy on Disruptive and Threatening Student Behavior in an Instructional Setting found at: http://policy.arizona.edu/disruptive-behavior-instructional
and the Policy on Threatening Behavior by Students found at: http://deanofstudents.arizona.edu/sites/deanofstudents.arizona.edu/files/Disruptive_threat_bklt_2012.pdf

Grievance Policy: Should a student feel he or she has been treated unfairly, there are a number of resources available. With few exceptions, students should first attempt to resolve difficulties informally by bringing those concerns directly to the person responsible for the action, or with the student's graduate advisor, Assistant Dean for Student and Alumni Affairs, department head, or the immediate supervisor of the person responsible for the action. If the problem cannot be resolved informally, the student may file a formal grievance using the Graduate College Grievance Policy found at http://grad.arizona.edu/academics/policies/academic-policies/grievance-policy

Grade Appeal Policy: http://catalog.arizona.edu/2011-12/policies/gradappeal.htm
Syllabus Changes: Information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate.