PREREQUISITES: BOST 513 and EPI 514; or BOST 517 and EPI 514; or BOST 515; or permission of the instructor

HOURS: Lecture: Tuesday, Thursday 1:30-3:20, Health Sciences T-733
Discussion: Tuesdays 12:30-1:20, Health Sciences T-733
(Oct. 4, Oct. 11, Classroom C, HS Microcomputer Lab)

INSTRUCTOR: Barbara McKnight, Ph.D.
Professor
Department of Biostatistics
F-672 Health Sciences; 543-1044
e-mail: bmck@u.washington.edu
Office Hours: Tuesday, 10:00-11:00 (except Nov 22),
Thursday, 10:00-11:00
or by appointment

TEACHING ASSISTANTS: Yea-Hung Chen
Office: HS Microcomputer Lab
Email: yeahung@u.washington.edu
Office Hours:
Monday 10:30-12:00
Wednesday 10:30-12:00

Eva Wong
Office: HS Microcomputer Lab
Email: evawong@u.washington.edu
Office Hours:
Tuesday 10:30-12:00

Vicky Chia
Office: HS Microcomputer Lab
Email: vmc2@u.washington.edu
Office Hours: Thursday 3:30-5:00
REQUIRED TEXTS: Breslow N. and Day N., Statistical Methods in Cancer Research, Volume 1: The Analysis of Case Control Studies. IARC Scientific Publications No. 32, Lyon, 1980. A small number of these are available at the University Bookstore (medical branch). The text can also be ordered at a 30% student discount plus shipping from the IARC (see http://www.iarc.fr/IARCPress/general/howtoorder.pdf for information), and I have put a copy on reserve in the library.

Lecture notes available on the class Web site and in class.


EXTRA HANDOUTS: Extra handouts from class sessions will be available in a file cabinet near the receptionist's desk in the Department of Biostatistics, F-600. They are filed by date under "McKnight/Biostat 536" (purple headers). If the handout you seek is gone, please ask the secretary for the course, Jennifer Hopkins (marlowe@u.washington.edu), to make you another copy. Jennifer's desk is in the hallway next to F649.

VIDEOTAPES: Videotapes of class sessions are available at the Health Sciences Reserve desk for 4 hour check-out.

COMPUTER SOFTWARE: We will be using Stata 9.0 in the Health Sciences Microcomputer Laboratory. Discounted personal copies of Stata 9 are available for UW Health Sciences faculty students and staff via the Stata web site at: http://www.stata.com/info/order/new/edu/gradplans/gp3-order.html If you purchase a copy of Stata, I recommend getting Intercooled Stata 9.

CLASS WEBSITE: Homework assignments and many lecture notes will be available on the class website: http://courses.washington.edu/bs536. A class discussion board, maintained by the TAs and the instructor, will also be available there.

DISABILITY: If you would like to request academic accommodations due to a disability, please contact Disability Resources for Students, 448 Schmitz, 543-8924 (V/TDD). If you have a letter from Disability Resources for Students indicating you have a disability that requires academic accommodations, please present the letter to me so we can discuss the accommodations you might need for class.

HOMEWORK POLICY: I view the homework in this class as an important part of the process of your learning, and not as a part of the evaluation of your learning. Thus, you do not need to give a correct answer for the questions, but you do need to provide evidence of your thought processes on each question, so that graders can tell that you made an effort. Also, because the material in this course is sequential, it is important that you complete homework and turn it in on time, at the beginning of class on the day it is due, so that you are ready for the discussion and new material that follow it. If you cannot attend class on the day a homework assignment is due please email your homework to the instructor and to all three TAs before class. Late homework will not be accepted.

EMAIL: I am happy to answer email questions when I have time, but can only guarantee to read and respond to email on Tuesday, Wednesday and Thursday mornings.
LEARNING ENVIRONMENT: I take seriously my role as an advocate for your learning in this class. In addition to providing information, assignments and activities that I hope will support your learning, I will do my best to help us maintain the classroom as a supportive learning environment. To that end, I ask that we all commit to showing respect to each other both inside and outside of class. One way we can do this is by avoiding behavior that might be offensive or distracting to others in the classroom. For example:

- Please listen respectfully to other students’ comments during discussions and avoid interrupting them.
- Please avoid conversations when another student or the instructor is speaking.
- If you disagree with another student’s opinion, please do so respectfully and constructively.
- Please turn off all cell phones before entering class.
- Please place any pagers on vibrate mode before entering class.
- If you might need to leave during class, please sit on the aisle near the door so that you minimize any disruption when you leave.
- Please try to arrive in enough time to be settled when class begins.
- If you are late to class, please perform any necessary unpacking in the hallway before entering the classroom.
- Please avoid chewing crunchy food or rattling food wrappers or other papers during class.

COURSEWORK:

<table>
<thead>
<tr>
<th>Daily Homework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (closed book, open calculator)</td>
</tr>
</tbody>
</table>

Data Analysis Project 1 | Due Tuesday, Nov. 15 |
Data Analysis Peer Review | Due Tuesday, Nov. 29 |
Data Analysis Project 2 | Due Thursday, Dec. 8 |
Final Exam (closed book, open calculator) | Friday, Dec. 16, 2:30-4:20 p.m. T733, or (if class is unanimous), Thursday December 15, 10:30-12:20, T733. |

No make-up quizzes or exams will be given.

GRADING: Numerical class grades will be based on the final exam (35%), best 3 of 4 quiz scores (30%), project peer review (10%), and project 2 (25%).

In addition, homework will be marked check or minus, for whether or not it represents a good faith effort to answer all the questions. Answers need not be correct if a good faith effort was made. The course grade will be computed based on quiz, exam, project and peer review grades as detailed above, and then adjusted downward according to the chart below if an insufficient number of homework assignments were turned in on time as good faith efforts.

<table>
<thead>
<tr>
<th>Percent of Homeworks handed in on time as good faith efforts:</th>
<th>Maximum grade possible:</th>
</tr>
</thead>
<tbody>
<tr>
<td>85% or greater</td>
<td>4.0</td>
</tr>
<tr>
<td>75%-84.9%</td>
<td>3.6</td>
</tr>
<tr>
<td>65%-74.9%</td>
<td>3.3</td>
</tr>
<tr>
<td>&lt;65%</td>
<td>3.0</td>
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</tbody>
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