



Department of Population Health Sciences

Special Topics Epidemiology: Cardiovascular Diseases (PHS 904)

Fall, 2015

Course Director: Brad Astor, PhD, MPH
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Course Description: This course is directed to graduate and undergraduate students interested in the epidemiology of cardiovascular diseases. The main emphasis of PHS 904 is the discussion of the population distribution, health impact, risk factors, treatment, and prevention of cardiovascular diseases.

Credits: 2 credits

Grading: Grades will be based on a mid-term and a (40%) and a final exam (60%).

Letter Grade	Final Percentage
A	88+
B	80-87
C	65-79
D	50-64
F	<50

Mid-term: The mid-term exercise will consist of a week-long data collection component and written responses to a number of questions regarding the data collected. The instructor will collate the data collected by all of the students into a single dataset. The written responses will require some analysis of this dataset, though this will be minimized as much as possible.

Final exam: The final exam will be an in-class exam, consisting of multiple choice and short answer questions. Questions will be drawn from material covered in lectures and readings.

Office hours: By appointment: MFCB 5149 or WARF

Course schedule: Monday & Wednesday 8:30 am to 9:30 am

<u>Date</u>	<u>Topic</u>	<u>Lecturer</u>
Mon, Oct 26	Introduction	Dr. B. Astor
Wed, Oct 28	Burden of CVD	Dr. B. Astor
Mon, Nov 2	Atherosclerosis	Dr. B. Astor
Wed, Nov 4	Imaging – Vascular	Dr. B. Astor
Mon, Nov 9	Tobacco	Dr. P. Remington
Wed, Nov 11	Imaging - Cardiac	Dr. B. Astor
Mon, Nov 16	Chronic Kidney Disease	Dr. B. Astor
Wed, Nov 18	Hypertension	Dr. L. Bautista
Mon, Nov 23	Emerging Risk Factors	Dr. F. Nieto
Wed, Nov 25	Diabetes Mellitus	Dr. B. Astor
Mon, Nov 30	Lipids	Dr. P. McBride
Wed, Dec 2	Stroke	Dr. B. Astor
Mon, Dec 7	Discussion of Exercise	Dr. B. Astor
Wed, Dec 9	Heart Failure	Dr. B. Astor
Mon, Dec 14	Review	Dr. B. Astor
Wed, Dec 16	Final exam	