

EPID 600

Principles of Epidemiology for Public Health

Schedule for Fall 2012 (9/16/2012, rev. 12/5/2012)

| Date | Day | Activity | Details |
|-----------------------|---------|----------|-----------------------------------------------------------------------------------------------------------------|
| 8/21 | Tue | Lecture* | I. Introduction |
| 8/21-22 | Tue-Wed | Lab** | Virus Hunters |
| 8/24 | Fri | Webform | Submit answers to case study 01 (in Sakai) |
| Basic concepts | | | |
| 8/28 | Tue | Lecture | II. Studying populations |
| 8/28-29 | Tue-Wed | Lab | Case study 02: Studying populations (facilitator submits answers to selected questions via webform in Sakai) |
| 9/4 | Tue | Lecture | III. Measuring disease; incidence and prevalence |
| 9/4-5 | Tue-Wed | Lab | Case study 03: HIV in Zimbabwe (facilitator submits answers to selected questions via webform in Sakai) |
| 9/11 | Tue | Lecture | IV. Disease natural history; population screening |
| 9/11-12 | Tue-Wed | Lab | Case study 04: Mammography in Asia (facilitator submits answers to selected questions via webform in Sakai) |
| Strategies | | | |
| 9/18/2011 | Tue | Lecture | V. Intervention trials |
| 9/18-19 | Tue-Wed | Lab | Case study 05: In-home water treatment (facilitator submits answers to selected questions via webform in Sakai) |
| 9/21 | Fri | Webform | Submit TA evaluation and 1 st peer evaluation (see Sakai) |
| Exam 1 | | | |
| 9/21 | Fri | Exam | Exam 1 will be posted by 3:00pm (due in one week) |
| 9/25-26 | Tue-Wed | Exam | No lecture or lab – work on Exam 1 |
| 9/28 | Fri | Webform | Submit Exam 1 via webform in Sakai by midnight |
| 10/2 | Tue | Lecture | VI. Cohort studies (and go over Exam 1) |
| 10/2-3 | Tue-Wed | Lab | Case study 06: Anger temperament and CVD |
| 10/9 | Tue | Lecture | VII. Case-control studies |

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| 10/9-10 | Tue-Wed | Lab | Case study 07: Breast cancer and smoking |
| 10/16 | Tue | Lecture | VIII. Cross-sectional and ecologic studies |
| 10/16-17 | Tue-Wed | Lab | (No lab: Enjoy Fall Break) |
| Hazards | | | |
| 10/23 | Tue | Lecture | IX: Selection bias and X. Information bias |
| 10/23-24 | Tues-Wed | Lab | Case study 09: Erectile dysfunction and CVD |
| Exam 2 | | | |
| 10/26 | Fri | Exam | Exam 2 posted by 3:00pm (due in one week) |
| 10/30-31 | Tue-Wed | Exam | No lecture or lab – work on Exam 2 |
| 11/2 | Fri | Webform | Submit Exam 2 via webform in Sakai by midnight |
| Exam 3 | | | |
| 11/5 | Mon | Exam | Exam 3 posted by 3:00pm (due in three weeks) |
| 11/6 | Tue | Lecture | XI. Confounding |
| 11/6-7 | Tue-Wed | Lab | Case study 11: Esophageal cancer in Lin Xian |
| Synthesis | | | |
| 11/13 | Tue | Lecture | XII. Data analysis and interpretation |
| 11/13-14 | Tue-Wed | Lab | Case study 12: Circumcision and HIV |
| 11/20 | Tue | Lecture | XIII. Critical review of epidemiologic studies |
| 11/21-25 | | Holiday | Thanksgiving recess |
| 11/27 | Tue | Lecture | XIV. Outbreak investigation |
| 11/27-28 | Tue-Wed | Lab | Case study 14: Outbreak investigation (in-lab exercise) |
| 11/30 | Fri | Webform | Submit Exam 3 via webform in Sakai by midnight |
| 12/4 | Tue | Lecture | XV. Role of epidemiology in public health / Conclusion |
| 12/4-5 | Tue-Wed | Lab | The Age of AIDS, Course evaluation |
| 12/6 | Thu | Webform | Submit 2 nd peer evaluation (in Sakai) |
| 12/7 | Fri | Webform | Submit answers to case study 15 (in Sakai) |
| 12/11 | Tue | Exam | Final assessment, 4:00-7:00pm, Rosenau Auditorium |

Notes: * Lectures are in Rosenau 133, 3:30pm-4:45pm
** Lab for section 601 is Tuesdays, 5:00-6:50pm, rooms TBA
 Lab for section 602 is Wednesdays, 4:00-5:50pm, rooms TBA
