Instructor: Scott Bernhardt, scott.bernhardt@usu.edu, 435-797-3721, VSB 114.
- Office hours: TR 1:30pm – 2:30pm, or email to schedule an appointment.

Overview: Public Health Seminar provides an opportunity for students to learn about a variety of public health issues that may not be addressed in other courses. Students learn from each other, and as they research their chosen topic and present it to the class. Class discussions will address current issues of public health. This course is intended for any student with an interest in public health, and it can be repeated for credit.

Grading: Course grades will be determined by classroom participation, the quality of the student’s presentation, and a few assignments. Students will complete confidential written evaluations of their peers, which will be the basis for grading the presentation. Participation grade is based on attendance. In addition, there will be three class assignments that will go towards your final grade.

The final grade for the course will be determined as follows:

- 5% - Resume/CV submission
- 5% - Public health career search assignment
- 10% - Environmental health data set analysis assignment
- 40% - Student seminar topic presentation
- 40% - Student seminar participation

Approximate grading scale:

A: ≥ 93%  A-: ≥ 90%
B+: ≥ 87%  B: ≥ 83%
B-: ≥ 80%  C+: ≥ 77%
C: ≥ 73%  C-: ≥ 70%
D+: ≥ 67%  D: ≥ 60%
Greater than 60% is required to pass

Presentations guidelines:

- Select a relevant topic of interest for their presentation. Suggested topics are listed below. Please consult with the instructor if you wish to use another topic, or if you wish to change the scope of your presentation.
- The Internet is a suitable source of information in most cases. Be sure to use credible sources, such as the Centers for Disease Control, http://www.cdc.gov and Environmental Protection Agency, http://www.epa.gov.
- Presentations should emphasize the current status of a topic in the U.S., from a public health perspective. See http://www.brhd.org/ for additional topic ideas
- Presentations must use PowerPoint (refer to the course website for guidance). Submit PowerPoint files in advance to the course instructor. Files will be placed on the course website for access by students.
- Students are expected to use a computer and projector for presentations, although other methods may be acceptable.

Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, 797-2444 voice, 797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.
Possible Seminar Topics

Hepatitis A and B control
AIDS
The U.S. Orphan Drug Act
Hantavirus or Ebola
Toxic Shock Syndrome
Emerging/re-emerging infections diseases
  West Nile Virus
  Lyme disease
  Avian influenza
  SARS
  H1N1 influenza
  Tuberculosis
  Syphilis
Nosocomial infections
Bio-terrorism and public health
  Anthrax
  Smallpox
Radiological terrorism
Pet-associated zoonoses (diseases)
Arboviral Encephalitides
Meningococcal disease among college students
Quarantine of infections diseases
Antibiotic resistance
Legionnaire’s disease
Environmental endocrine disrupters
Global Warming- Green House Gas rules
Group B streptococcus
Particulate air pollution (PM 2.5, 10)
Bisphenol-A (BPA)
Vaccination
Bedbugs
RCRA Hazardous Waste rules
EPA and children’s health
Landfill methane recovery
Tribal environmental management
Indoor air quality
Childhood lead poisoning
Multiple chemical sensitivity
Mad cow disease
  Chronic Wasting Disease (elk and deer)
MTBE (controversial gasoline additive)
Radiofrequency exposure (radar, cell phones)
Sexually transmitted diseases
Nuclear waste
Waste incinerators
Methyl mercury – mercury pollution
Carbon monoxide poisoning
Asbestos
Mold
Food safety
  Food-related illness
  Genetically modified food
  Food irradiation controversies
  Raw milk
Water quality
  Waterborne diseases
  Arsenic in drinking water
  Cryptosporidiosis (crypto)
Teen-age workers
Pesticide safety
Swimming pool safety (pumps, drownings, and waterborne diseases-cryptosporidium)
Distracted driving
Safe Drinking Water
Consumer Product Safety
Mosquito abatement programs
# SEMINAR PRESENTATION SCHEDULE

*This schedule may be revised to accommodate course instructor obligations*

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Topic</th>
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<tbody>
<tr>
<td>8-Jan</td>
<td>Scott Bernhardt</td>
<td>Course introduction/Presentation Hints</td>
</tr>
<tr>
<td>15-Jan</td>
<td>Sophie Bassett - USU Career Counseling</td>
<td>Resume writing, job qualifications, job search</td>
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<tr>
<td>22-Jan</td>
<td><strong>Resumes Due - Submit via canvas</strong></td>
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<tr>
<td>22-Jan</td>
<td>Scott Bernhardt</td>
<td>Epidemiology</td>
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<tr>
<td>29-Jan</td>
<td><strong>Public Health Career Search - Submit assignment via canvas</strong></td>
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<tr>
<td>29-Jan</td>
<td>Rebecca Dick - Utah Department of Health</td>
<td>Environmental Public Health Practices in Utah</td>
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<tr>
<td>5-Feb</td>
<td><strong>Environmental Public Health Tracking Analysis Assignment - Submit assignment via canvas</strong></td>
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<tr>
<td>5-Feb</td>
<td>David Wallace - Public Health Professor/Lead Expert</td>
<td>Residential Lead</td>
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<tr>
<td>12-Feb</td>
<td>Carl Farley - USU Public Health Professor</td>
<td>Radon and Homes</td>
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<tr>
<td>19-Feb</td>
<td>Greg White - SLC MAD</td>
<td>Urban Mosquito Abatement and Environmental Health</td>
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<tr>
<td>26-Feb</td>
<td>Farrin Weise - Bear River Health Department</td>
<td>Health Promotion Director &amp; Department Overview</td>
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<tr>
<td>4-Mar</td>
<td><strong>Spring Break</strong></td>
<td>No Class</td>
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<tr>
<td>11-Mar</td>
<td>Student Presentations</td>
<td>Mariela Thompson - P.H. Intern Presentation</td>
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<td></td>
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<td>2-3 Students present</td>
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<tr>
<td>18-Mar</td>
<td>Mitch Pettit</td>
<td>NGO - Reach Out and Learn</td>
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<td>25-Mar</td>
<td>Student Presentations</td>
<td>3-4 Students present</td>
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<tr>
<td>1-Apr</td>
<td>Student Presentations</td>
<td>3-4 Students present</td>
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<tr>
<td>8-Apr</td>
<td>Student Presentations</td>
<td>3-4 Students present</td>
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<tr>
<td>15-Apr</td>
<td>Student Presentations</td>
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