

**Current Literature in Environmental Health and Toxicology
(EHT 780)**

**Fall Semester
Thursdays 3-4 PM, C530 Biggs Laboratory**

**Course Instructor: Ellen Braun-Howland, Ph.D. (B765 Biggs Lab; 473-7925;
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Course description: EHT 780 is designed to teach and promote critical reading of the literature. Students will present for discussion at least one journal article pertaining to their area of interest. Areas from which articles will be selected include environmental chemistry, toxicology, pollution by chemicals and/or organisms, effects of the environment on the health of individuals or communities and measurement of environmental variables.

This course will provide a skill that is essential for all graduate students: the ability to read and evaluate scientific literature critically. It will also expose students to a wide range of topics in environmental health and can, therefore, aid students in choosing an area of interest for their studies. There are no prerequisites.

Attendance is mandatory. If you can not make a class meeting, please notify the instructor beforehand.

The presenter must provide copies of the paper that they plan to present to each of the course participants one week prior to presentation. Please select a good paper to present. Be aware that, while some abstracts sound like the paper is a fabulous contribution to science, sometimes the rest of the paper (e.g., the experimental procedure) is severely flawed. Written evaluations of the presenter's performance will be completed by each student as well as faculty participant(s). Final grades (S/U) will be based on individual presentations, class participation, and weekly homework assignments.

Suggested journals: *Toxicology and Applied Pharmacology*
Molecular Pharmacology
Drug Metabolism and Disposition
Analytical Chemistry
Environmental Science and Technology
Water Research
Health Physics
Applied and Environmental Microbiology