

## **Bio-Notes: October 2006**

### **Interim/Spring 2007 Registration Issue**

**The official publication for students of the Department of Biological Sciences,  
Bethel University**

Bio-Notes is published from time to time during the academic year to inform biology and related majors of the activities of the department. Examples of entries include course offerings, upcoming events, and research and other opportunities within or outside of the department. Be sure to read each issue carefully as there are often important announcements presented here. If you have any comments regarding Bio-Notes or if you would like to have something included, see Dr. Port (AC204, [jport@bethel.edu](mailto:jport@bethel.edu)), the Bio-Notes editor this year.

Biology Department Web Page (<http://cas.bethel.edu/dept/biology/>) is your source for information regarding your major (B.S. Biology, B.A. Biology, B.S. Biochemistry/Molecular Biology, B.A. Environmental Studies, B.S. Environmental Science, B.A. Science Education 5-12: Life Science emphasis) as well as departmental activities.

**Did you know that as a Biology or Environmental Studies major you can use the departmental computing lab in AC233?** The lab is equipped with the latest in Mac and Windows computers and includes access to a scanner and printer. The computers will also have many of the course specific programs that you will need to complete assignments outside of class time. **See Dr Port (AC204) for more information or fill out the permission request form available on the lab door.**

**Students: please consider on-campus summer research experiences.**

Competitive applications are accepted from faculty and students wishing to undergo summer research sponsored at Bethel University. The Edgren Scholarship is a university-wide opportunity, and the C. Weldon Jones Summer Research Scholarship is open to biology and environmental studies/science majors. Talk to a biology faculty member if interested.

**Students: please consider off-campus summer research experiences/internships.**

Last year's opportunities are posted on the first and second floor departmental bulletin boards outside of Dr. Apostol's office (AC 143), across the hall from Dr. Shaw's (AC125) and Dr. Johnson's office (AC122), and the Environmental Studies board (AC237). Postings for Summer 2007 opportunities begin about January 2007. Many of these are paid experiences and participation in these professional experiences often increases the likelihood of acceptance into graduate and/or medical schools.

**Registration for Interim/Spring 2007 courses is Nov 6-9.** The following major courses will be offered Spring 2007: (CM = Cell-Molecular Area; O = Organismal Area; E = Environmental Area)

BIO112D Introduction to Molecular and Cellular Biology (Dr. Hyatt)

BIO113D Introduction to Organismic Biology (Dr. Apostol)

BIO114D Introduction to Biodiversity, Ecology, and Adaptation (Dr. Johnson)

BIO202 Human Physiology (O; Dr. DeGolier; Prerequisite: BIO201 Human Anatomy)

BIO207 Microbiology (CM; Dr. Johnston)

BIO209 Human Anatomy and Physiology (O; Staff; offered each spring)

BIO308 Invertebrate Biology (E; Dr. Port, offered spring, odd # yrs)

BIO322 Animal Behavior (E; Dr. Johnson, offered spring, odd # years)

BIO341 Cell Biology (CM; Dr. Doan; offered each spring)

BIO348 Neurobiology (O, Dr. Dillner; offered spring odd # years)

BIO375 Endocrinology (O, Dr. Reynhout, last chance with the legend)

BIO385 Molecular Biology (CM; Dr. Hyatt; offered each spring)

BIO493 Literature Review in Biology (required for all seniors completing the literature review requirement)

BIO496 Biology Research (required of all seniors completing the independent research requirement)

BIO499 Biology Seminar (Dr. Port; required for senior BIO majors)

ENS102D Environment and Humanity (Dr. Petersen)

ENS205F (L) Sustainable living (Dr. Petersen)

ENS305K Transforming Technology: Environmental Perspectives (Dr. Kistler)

ENS341K Environmental Writing (Dr. Becknell)

ENS498 Seminar in Environmental Studies (Dr. Petersen; required for senior ENS majors)

## Interim 2007 Courses

ENS335K Environmental Ethics (Dr. VanArragon)

## Off-Campus Interim Courses

**Plan ahead: This year's off-campus biology-related interim courses (Jan 2007) include:**

- **BIO318K - Ecuador and the Galapagos Islands: Natural History and Future Prospects 4 credits (Dr. Jeff Port and Dr. Jim Reinhout)**  
Travel from base in Quito throughout Ecuador and the Galapagos Islands, surveying the land, climate, plants, animals, homes, transportation, and industries, noting especially the impact of human culture, presence, and activities.  
**Note:** this course is currently full and in recent years has been filling several months in advance. If you are considering participating, plan ahead!
- **Au Sable Institute for Environmental Studies.** Bethel is one of several Christian colleges affiliated with this environmental institute that offers several environmentally oriented courses every interim and each summer. There are *also opportunities for education and pre-health professions students*. Au Sable also offers extensive summer programs at their Great Lakes, Pacific and Florida sites. See [www.ausable.org](http://www.ausable.org) or Dr. Port for more information.

## Regular Summer Offerings

BIO409 Advanced Gross Anatomy (4 credits, Dr. Shaw). For the undergraduate pre-health professions student. A regional approach to the study of anatomy through supervised and directed student dissection of human cadavers. Identification of detailed structures and understanding their significance to the body. Prerequisite: One course in biology involving some dissection.

## Important dates to remember:

### Fall 2006

Tuesday, November 28- Fall Biology, ENS, and C. Weldon Jones Scholars Research Symposium