



BUILDING A STUDENT COMMUNITY NEWS



February 2005

Biology Club News

The Club's upcoming meetings will be Tuesdays February 1 and 15, at 5 p.m. in S-382. If you want to be added to the Club's email list, send your name and email address to Advisor Frank Gilliam at gilliam@marshall.edu. New members are always welcome, and even if you can't attend meetings, you will receive email updates about other activities you may be able to fit into your schedule.

Job Opening: Research Technician, Department of Biological Sciences

Full-time, grant funded position. Salary: Commensurate with qualifications and experience. **Qualifications:** Bachelor's or Master's degree in Biology or related field. Previous laboratory experience is preferred and familiarity with molecular biology techniques would be an advantage. The successful applicant will be required to assist with research in a *Drosophila* (fruit fly) developmental biology laboratory. This will include maintaining and working with fly stocks, working with DNA, RNA, and proteins using standard molecular biology techniques, and culturing *Drosophila cells*. They will also take responsibility for ordering supplies and other general lab maintenance. **Send cover letter, resume and three references to: Dr. Simon Collier, Department of Biology, 1 John Marshall Dr. College of Science, Marshall University. Huntington, WV 25755. Position is open until filled.**

Scholarships Available To Study Abroad This Summer or Fall

If you've wanted to study abroad, but didn't think you could afford it, consider the following two scholarship opportunities.

- **Freeman-Asia Program:** Awards for Study in Asia for Summer 2005, Fall 2005, and Academic Year 2005-2006. The primary goal of the Freeman-ASIA Program, an IIE-administered program generously supported by the Freeman Foundation, is to increase the number of American undergraduates who study in East and Southeast Asia, by providing students with the information and financial assistance they will need. Awardees will be expected to share their experiences with their home campus, to encourage study abroad by others and to spread understanding of Asia in their home communities. **Application Deadlines:** March 4, 2005 for Summer 2005; April 1, 2005 for both Fall 2005 and Academic Year 2005-2006. For more information, visit: <http://www.iie.org/freeman-asia>
- **Benjamin A. Gilman International Scholarship Program for Undergraduate Study Abroad.** The Gilman Scholarship aims to diversify and expand participation in international study by supporting students who have been traditionally underrepresented in study abroad. Sponsored by the Bureau of Educational and Cultural Affairs of the U.S. Department of State and is administered by IIE; this program is open to U.S. citizen undergraduate students who are receiving federal Pell Grant funding at a 2-year or 4-year college or university in the US. Selected by competition, recipients are awarded up to \$5000 to defray the costs associated with studying abroad for up to one academic year. Upon their return from abroad Gilman Scholars are expected to carry out a Follow-on Project that helps to promote international education and understanding at their home campus or in their community. **Application Deadline:** April 4, 2005 for Fall 2005 and Academic Year 2005-2006. For more information, visit: <http://www.iie.org/gilman/>

Visit the MU Office of Study Abroad website at <http://www.marshall.edu/cip/studyabroad/> for more information about studying abroad through Marshall University. Visit the ISEP website at <http://www.isep.org> to search over 120 program in 35 countries where you can study as a reciprocal exchange student at the same cost as studying on the MU campus.

BSC Tutoring Center Update

The BSC Tutoring Center hours for this semester are posted on the door of the Tutoring Center, room 209 Science Hall. Drop-in tutoring is available for BSC 104, 105, 120, 121, 227, and 228.

Summer Institute for Training in Biostatistics – June 13- July 22, 2005

Learn about Biostatistics, an important component of biomedical and public health research based on mathematical, statistical, and biological principles. Learn the principles of applied biostatistics from experts in the field; meet practicing biostatisticians, epidemiologists, and statistical geneticists; gain hands-on experience working with actual data collected in studies funded by the National Heart, Lung and Blood Institute; learn about opportunities for graduate study and additional training; and explore a growing and important. **Eligibility:** Undergraduates majoring in mathematics, science, or other quantitatively oriented areas of study. Applicants must be American citizens or permanent residents of the US. **Financial Support:** No fees or tuition costs (housing and meals covered); earn college credit; hands-on training with top researchers; access to top universities' computing, libraries, and other facilities. **Application Information:** Applications and more information is available on these websites: Boston University (www.bumc.bu.edu/biostats/sibs); North Carolina State University (www.stat.ncsu.edu/sibs); University of Wisconsin (www.biostat.wisc.edu/training/sibs)

The Summer Institutes for Training in Biostatistics are sponsored by the National Heart, Lung, and Blood Institute. www.nhlbi.nih.gov/funding/training/redbook/sibsweb.htm

Brag Box - an abbreviated list of recent BSC student and faculty accomplishments:

Dr. Frank Gilliam published the following two papers. MU student co-authors' names are in **bold**.

- Gilliam FS, MB Adams, **DA Dick**, and **ML Kerr**. 2004. Effects of silvicultural practices on soil carbon and nitrogen in a nitrogen saturated Central Appalachian hardwood forest ecosystem. *Environmental Management* 32:S108-S119.
- Gilliam FS, **NL Lyttle**, **A Thomas**, and MB Adams. 2005. Soil variability along a nitrogen mineralization/nitrification gradient in a nitrogen-saturated hardwood forest. *Soil Science Society of America Journal* 69:247-256.
- **Dr. James Joy** spoke on the spatial and temporal distribution of mosquito vectors of La Crosse encephalitis and West Nile virus at the West Virginia Entomological Society meetings, at North Bend State Park (Cairo, WV), on January the 7th. **Nichelle Graham**, BSC MS '04, who has recently been accepted to MU's School of Medicine, was involved in the early data compilation for this presentation.

It's True: There are 206 bones in the adult human body. There are 300 bones in children - as they grow some of the bones fuse together.

Campus Resources, continued from last month

- **H.E.L.P. – Assistance for Students with Learning Disabilities** - <http://www.marshall.edu/help/>
The Higher Education for Learning Problems Program is located in Myers Hall, at 520 18th Street. The H.E.L.P. Program is committed to providing assistance through individual tutoring, mentoring and support, as well as fair and legal access to educational opportunities for students diagnosed with Learning Disabilities and related disorders such as ADD/ADHD. Students must apply for, be accepted into, and pay for the services. Contact the H.E.L.P. program at 696-6252.

Selected BSC Contact Information			
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TA applications, u-grad tuition waiver forms, BSC office	S-350	696-3148	smithmj@marshall.edu

