



# BUILDING A STUDENT COMMUNITY NEWS



January 2005

## **Biology Club News**

Watch the hallways for flyers announcing the Club's spring meeting times. If you'd like to be added to the Club's email list, send your name and email address to Advisor Frank Gilliam at [gilliam@marshall.edu](mailto:gilliam@marshall.edu). New members are always welcome, and even if you are unable to attend the meetings, you will receive email updates about other activities you may be able to fit into your schedule.

## **Tutoring Center Available for Intro Biology, Anatomy, and Physiology**

The BSC Tutoring Center will expand its services this semester. In addition to holding open hours for tutoring in BSC 104, 105, 120, and 121, hours will be added specifically for BSC 227 (Human Anatomy) and BSC 228 (Human Physiology). The spring hours of operation for the Tutoring Center should be posted on the door of **S-209**, announced in your classes, and posted on classroom doors by the second week of classes. Please don't hesitate to come by for help – the tutors will be ready and waiting to assist you!

## **Undergraduate Summer Research Fellowship**

The American Heart Association is offering summer research fellowships to support student research broadly related to cardiovascular function and diseases, stroke, or related basic science, clinical and public health problems. Each student works under the direction of a cardiovascular scientist in the Ohio Valley Affiliate area for a minimum of 8-10 weeks during the summer. The stipend is \$3000. The application deadline is **February 18, 2005**. For information and application, contact Terry Dugan at [terry.dugan@heart.org](mailto:terry.dugan@heart.org) or (614) 848-6676. You may also discuss this opportunity with Chris Schlenker in S-279B, 696-4307, [schlenker@marshall.edu](mailto:schlenker@marshall.edu).

## **Potential Summer Capstone Internship in the Blue Ridge Mountains**

The Wintergreen Nature Foundation offers a variety of summer internships in the Blue Ridge Mountains of central Virginia. To explore this opportunity, visit their website at [www.twnf.org](http://www.twnf.org), click on "Internships" at the left, and download a brochure. You may also contact them at (434) 325-8169. To be considered for the position students must send their resume, cover letter and a letter of reference by **March 19, 2005**. According to the website, "Interns have the opportunity to work with accomplished professional and amateur botanists, geologists, and other scientists in Virginia. The Wintergreen Nature Foundation's extensive connections in the science community provide opportunities for learning first hand from many of the state's top field scientist and educators."

## **Would You Like To Be Paid For Your Between-Class Time?**

The Department has a limited number of positions for undergraduate workers who would like to be involved in a variety of departmental duties, including lab prep for courses, being a lab aide for a course, helping out in research laboratories, and general help around the department, etc. The pay rate is minimum wage. If you are interested, please give your name, contact information, and available hours to Mary Jo Smith in the main office, S-350, by **January 21, 2005**. Work with us, gain practical experience, and find out what goes on in the Department in addition to classes!

**It's True:** There are approximately 60,000 miles (97,000 km) of blood vessels in a human.

## Interested in Optometry School?

Information about the availability of a computerized version of the Optometry Admission Test (OAT) was due to be posted on the OAT online registration site on Dec. 15, 2004. Check the site at [www.opted.org](http://www.opted.org) for more information.

## Campus Resources, continued from last month

- **Libraries** - <http://www.marshall.edu/library/> Marshall University Libraries includes the Drinko and Morrow Library as well as several specialized libraries. A complete list of the library's services is available on the library web site. Students can check out materials with a valid campus ID.
- **Computing Services** - <http://www.marshall.edu/ucs/> Computing Services, located on the 4th floor of the Drinko Library, provides computing, network and information services to the campus. To use the computers in campus facilities, students will need to sign for an MUNet account. An MUNet account includes access E-mail and space for storage or a personal web page. To sign up for an account, bring a valid ID card to any Computing Services facility. Students can also sign up for Internet access in their dorm room or dial-up service provided by WVNet.

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

- BSC M.S. student Nick Smith received a Wells Foundation Grant from the University of California at Berkeley. This grant covered travel expenses so that Nick could conduct research at the Museum of Paleontology in Berkeley for a week in December.
- BSC undergraduate Brian Sang has been admitted to WVU Dental school, and will start there in the Fall of 2005.

The following students, working in Dr. Eric Blough's muscle physiology research lab, have submitted abstracts to the American College of Sports Medicine for presentation in June.

- ERK-1/2 and p38 MAPK signaling in the A7R5 cell line following Fluprostenal stimulation.

**Kevin M. Rice, Sreevani Uddemaari, Devashish Desai, Randy S. Kinnard, Robert Harris, G. L. Wright, and Eric R. Blough.**

- Comparison between stretch-induced p42/44 MAPK signaling in rat aortic smooth muscle and A7R5 vascular cells. Devashish H. Desai, Robert T. Harris, Gary L. Wright, **Kevin M. Rice, Deepak B. Mylabathula, Eric R. Blough.**
- The PGF2 $\alpha$  analog fluprostenol activates mTOR and GSK-3 $\beta$  in the A7R5 smooth muscle cell line. **Sreevani Uddemaari, Kevin M. Rice, Randy S. Kinnard, Robert Harris, G. L. Wright, and Eric R. Blough.**

## Job Opportunities – details at MU's Career Services Center, 5<sup>th</sup> Avenue at 17<sup>th</sup> Street

- <http://www.usajobs.opm.gov> is an extensive listing of Federal job openings.
- Don't forget to check out Marshall's **Career Services Center**. They have listings for permanent jobs, summer jobs, and internships. They'll also help you develop your resume, and practice with you so you may improve your interview skills. Contact Career Services at [www.marshall.edu/career-services/](http://www.marshall.edu/career-services/), or email them at [career-services@marshall.edu](mailto:career-services@marshall.edu).

Selected BSC Contact Information			
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