

- Keep your office locked whenever you leave, even if you only plan to be gone for a minute.
- Where possible, keep valuables in a locked drawer or cabinet.
- Regularly back-up all important information on your computer. While a stolen computer can be replaced, the data cannot. Talk to your LFC and be sure your data is backed-up.
- Do not hesitate to call Public Safety or the Police if strangers confront you.

Working together, we can prevent crime at Augsburg.

Subject: Mathematics (Statistics) Colloquium
Submitter: Kenneth S Kaminsky, Professor, Mathematics

Message: Practically Effective Statistics - Daniel Kaplan, DeWitt Wallace Professor of Mathematics and Computer Science at Macalester College.

"If you learn statistics from a textbook, you may conclude that to be effective a statistical analysis has to be correct. But in real situations with real clients it's a little bit different: It's not enough to be right, you also have to be believed. The people who need to be convinced often know little about statistics and so you can't convince them by proof or by pointing to prestigious journals or texts. In the talk, I'll describe some of my experiences in statistical consulting relating to affirmative action enforcement, college admissions, and financial aid. I've had both successes and failures and I'll try to share what works and why."

Wednesday, April 18, 3:40 - 4:40 p.m.
 Science Hall 108
 Refreshments
 Public welcome

Subject: Register for Summer GRE Prep
Submitter: Dixie Shafer, Director, Office for Undergraduate Research and Graduate Opportunity

Message: Want to go to grad school? The GRE is an important factor in admission. Learn how to better prepare by attending a series of six sessions: Tuesdays, June 5, 12, 19, and 26, and July 10 and 17, from 6:00 to 9:00 p.m.

The cost is \$25 for current students and \$50 for Augsburg alums, and includes test prep materials. Please register by completing and submitting the form at http://www.augsburg.edu/urgo/gre_prep_reg.html

Contact Dixie Shafer in URGO with questions.

Subject: Zyzogeton Faculty Roundtables
Submitter: Theresa L Martin, Administrative Assistant, Center for Teaching and Learning

Message:

Thursday, April 19, 3:30 to 5:00 p.m., in the Marshall Room and Student Gallery, faculty from the arts, humanities, mathematics, and sciences will present roundtable discussions on their current research. The roundtable format offers audience members the chance to participate in an exchange of ideas that is less formal and more intimate-8 people per table-with colleagues who are expert in their fields.

Participating faculty scholars include Tracy Bibelnieks, Gretchen Kranz Irvine, Vicki Olson, Bruce Reichenbach, Frankie Shackelford, Beverly Smith-Keiling, Milo Schield, Ben Stottrup, Mark S. Strefeler, Tara Sweeney, robert k. tom

Refreshments will be served at 3:30.

Subject: Sverdrup Lecture Program, April 16-17
Submitter: Jeanine A Gregoire, Associate Professor, Education

Message: Sverdrup Public Lecture

Free and Open to the Public

"Exploring the Giant Magnetosphere of Jupiter"

April 16 - 8:00 p.m. - 9:00 p.m. Hoversten Chapel, Foss Center; Parking in Lot L off of 25th Ave. and Riverside, Minneapolis.

Abstract: Jupiter is a planet of superlatives: it is the most massive planet in the solar system, rotates the fastest, has the strongest magnetic field, and has the most massive satellite system of any planet. These unique properties lead to active volcanoes on Io, a ton per second of sulfur and oxygen being spewed out of the moon, a vast population of energetic plasma trapped in the planet's strong magnetic field, and intense auroral emissions in Jupiter's polar atmosphere. The giant magnetosphere of Jupiter has been explored by telescopes on Earth, Hubble Space Telescope, several spacecraft flying past the planet plus the Galileo spacecraft that spent seven years in orbit. This talk will discuss our current understanding of this huge, dynamic structure and present what we hope to learn from the New Horizons spacecraft as it flies down Jupiter's magnetotail on its way to Pluto (spring 2007) and from the Juno mission (launch due in 2011) that will skim over Jupiter's poles.

Divisional Colloquium

"Women in Physics & Astronomy: Moving Beyond 'the Woman Problem'"

April 17 - Noon-1:00, Minneapolis Room, Christiansen Center; Parking in Lot L off of 25th Ave. and Riverside.

Abstract: Statistical studies of demographics by professional organizations such as the American Institute of Physics show practical reasons for moving from "how do we help these poor women" to "how to educate/hire/retain the talent we needed to supply a technical-trained workforce." Dr. Bagenal will discuss the professional pipeline, where it is leaky and how it can be fixed - including allowing for multiple pathways.

Biography: Fran Bagenal came to the US from England in 1976 to attend graduate school at MIT where she worked on data from the Voyager mission for her PhD. Her primary research interests are the magnetic fields of planets, the charged particles trapped in planetary magnetic fields and the interactions of moons with the particles and fields that surround them. She has been involved in the Voyager mission (Jupiter, Saturn, Uranus and Neptune), Galileo (Jupiter), Deep Space 1 (Comet Borrelly), the New Horizons mission to Pluto and the Juno mission to Jupiter's polar regions. She is Professor of Astrophysical and Planetary Sciences in the Laboratory for Atmospheric and Space Physics at the University of Colorado, Boulder.

Funding for the Sverdrup Visiting Scientist Lecture Program made possible through the Sverdrup Endowment Fund, Augsburg College and the Minnesota Space Grant Consortium. For more information or to receive a poster of the Sverdrup Lecture call 612-330-1324 and leave your name, telephone number and mailing address and someone will return your call.