

Ramp Up Undergrad Research



Evan Woo, a UBC Science Entrance Award winner at this year's Canada-wide Science Fair, has been named a Student Innovator by the British Columbia Innovation Council. Inspired by the landing gear of the Mars Exploration Rover, Woo envisioned AirCrumble—external airbags to cushion low-speed automobile collisions.

And over 60 undergraduate students from 27 institutions across Canada presented research projects at UBC's inaugural Rising Stars of

Research poster competition this August. Eric Asava-Aree, a second-year Microbiology and Immunology student, won a top-prize for a poster looking at the contribution of T-cells to intestinal inflammation and fibrosis. Rising Stars is the brain child of François Jean, Associate Professor with Microbiology and Immunology, and emerged as a collaboration between the department, the VP Research and the Faculty of Graduate Studies.

Turning Science Students on to Teaching

A new dual degree out of the faculties of Science and Education is designed to encourage science students to consider teaching as a rewarding career. The dual BSc-BEd program, to be launched this fall, allows science majors to begin taking education courses towards a teaching specialization as early as second year.

Better equipped science teachers in elementary and secondary schools means more qualified and engaged science undergraduates—and later, graduate students—in B.C. universities, says Science Dean Simon Peacock.

"Students who are inspired at a young age to think about science as an exciting way of understanding the world around them are more likely to choose science—or science education—as a career," says Peacock.

Students in the program can maintain core studies as a science major in physics or math and gradually increase their education courses and in-school experiences. After completing a fifth-year which includes both science courses and an extended teaching practicum, graduates qualify for recommendation a professional teaching certificate.

Killam Teachers with Kindness



Remember that great first-year science prof who got you excited about molecular weights, plate tectonics or the probability of winning the lotto? Well, here's your chance to thank them. UBC Science is seeking [nominations for 2008 Killam Teaching Awards](#), and all it takes is a letter! Deadline is October 10.

KUDOS

UBC Science Researchers Named to Canada's Royal Society

Ivar Ekeland, an internationally renowned mathematical economist, and Curtis Suttle, a researcher who has changed our understanding of biological oceanographic processes, elected to RSC.

Pauly Wins Ecology Prize

Influential biologist Daniel Pauly—a professor with the Department of Zoology and director of UBC's Fisheries Centre—awarded the fourth Ramon Margalef Prize in Ecology and Environmental Sciences.

EOS Researcher Wins RCS Marine Science Award

Roger Francois, Canada Research Chair in Marine Geochemistry for Global Climate Change in the Department of Earth and Ocean Sciences, wins the 2008 AG Huntsman Award.

Rio Tinto Award Goes to EOS Grad Student

Earth and Ocean Science PhD student Stephen Moss wins Rio Tinto oral presentation award at International Kimberlite Conference in Frankfurt, Germany.

Air Quality, Weather Forecasting Projects Net Climate Research Funding

Two UBC Science projects, one looking at improved weather forecasting and the other investigating the effects of international pollutants, receive \$300,000 from Canada's major climate research funder.

UBC Physicists' Bright Idea Gets Clean Energy Support

Illumination system designed by UBC physicists that directs daylight into the core of office buildings receives \$2 million in funding from BC's Innovative Clean Energy initiative.

AstraZeneca Award Goes to UBC Prof