The fall semester is well underway and there is a renewed excitement as we continue building on the accomplishments of the past year. With the help of the University’s Access and Success campaign, more than 1,400 high-achieving scholars received scholarships this fall — the first phase of Purdue’s expanded scholarship program.

On September 20, first-year students and their parents had the opportunity to attend Purdue’s Family Day and the annual pancake breakfast hosted by President Córdova. College of Science students and their families got to hear from academic advisors and asked questions about grading, scholarships, study abroad, and research opportunities.

I’ve just returned from a research trip to the Qinghai — Tibetan Plateau region of China, where I am working with a team of scientists from China and Sweden investigating the extent and timing of past glacial events in the area. These events have resulted from global climate changes and uplift of the Tibetan Plateau over the past million years.

In addition to fascinating scientific discussions and field research in one of the most spectacular mountain landscapes I have ever visited, the trip brought home to me how much China is changing. As we travelled through rural areas of Sichuan and Yunnan provinces, it seemed that new hydroelectric plants and new roads were under construction every few miles.

The rapid pace of development is bringing both new opportunities and new challenges, including many of the issues that Tom Friedman highlighted in his presentation on Sept 19th at Purdue, "Hot, Flat, and Crowded: Why We Need a Green Revolution - and How It Can Renew America" (based on his book of the same title).

In my travels, and at Purdue, I am ever grateful for the dedicated alumni and friends with whom my path crosses. One group, the Dean’s Leadership Council (DLC) — a dedicated group of highly successful individuals who are united in their passion to support and elevate the college — will meet later this month to discuss the college’s new strategic plan draft and the implementation process.

We are very excited that one of the college’s very own alumnus, Andrew Feustel (BS ’89, MS ‘91 Earth and Atmospheric Sciences), will be on the Space Shuttle mission scheduled for launch in February. Feustel is one of the seven person team that will be helping repair and upgrade the Hubble Space Telescope (HST).

Today it’s hard to imagine our life without space exploration. Just as curiosity inspired the first scientists to
Discovery with delivery is one goal of the college’s new strategic plan. One College of Science professor, Maureen Mc Cann, is working with a research team to help meet the global need for clean, abundant, and economical energy.

Curiosity is the fuel that charges these research initiatives and I am continually impressed by the ambition and accomplishment of those who lead these vital endeavors. We look forward to the many challenges and rewards to come.

All the best,

Jon Harbor, Interim Dean

**spotlight on new faculty**

Fabrice Baudoin

Fabrice Baudoin joins the Department of Mathematics as an associate professor. Baudoin's research interests include diffusions and differential geometry, stochastic analysis and Gaussian processes, and stochastic calculus and applications to finance.

Lyudmila Slipchenko

Lyudmila Slipchenko joins the Department of Chemistry as assistant professor. Slipchenko's research program seeks to understand the fundamental laws that control chemistry processes in different ways.

**Science People**

Three science professors inducted into the Teaching Academy

Full Story

Two professors from the College of Science were among the 14 inducted into Purdue's Teaching Academy, which recognizes and fosters outstanding teaching and learning, on October 22.

- Teaching Academy Fellow
  - Gabriela Weaver, professor of chemistry and interim director for the Discovery Learning Center
- Teaching Academy Associate Fellow
  - Ellen Gundlach, continuing lecturer in statistics

Statistics professor appointed to AHIC Successor Board of Directors

Full Story

Stephen J. Ruberg, adjunct professor of statistics, has been appointed to the board of directors for AHIC Successor, Inc.
sector leaders, that makes recommendations to the Secretary about how to accelerate adoption of interoperable health IT in a smooth, market-led way.

Science Bound students leap academic hurdles Full Story

Tiffany Legge and Christopher House, both undergraduate science majors, were recognized by Purdue's Science Bound program for making the dean's list during their first year of college.

New named professorship in College of Science

Wojciech Szpankowski was named the Saul Rosen Professor of Computer Science Purdue’s Board of Trustees on September 25. He joined Purdue in 1985 and also has a courtesy appointment with the School of Electrical and Computer Engineering.

Science News

Science dean part of team selected by NSF to attract more women to STEM faculty disciplines Full Story

Chris Sahley, professor of biological sciences and associate dean for undergraduate education, is part of the Purdue team that will be launching a national model program to increase the number and diversity of successful women faculty members in the STEM disciplines.

Earth and Atmospheric Sciences professor part of Department of Energy project Full Story

Qianlai Zhuang, assistant professor of earth and atmospheric sciences, is part of a U.S. Department of Energy team researching abrupt climate change.

Chemistry professor part of team using nanoparticles to deliver treatment Full Story

A research team, which includes Albena Ivanisevic, professor of chemistry, is using nanoparticles to deliver treatments to injured brain and spinal cord cells.

Science students plant a new club at Purdue

As part of Purdue’s Green Week, the College of Science held a callout for interested students to join Jane Goodall’s global environmental and humanitarian program for youth, called Roots & Shoots, that has tens of thousands of members in close to 100 countries.

For more information, please contact Ryan Walker at rdwalker@purdue.edu or Ashwin Kumar at avkumar@purdue.edu.

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science students

P SSC stays busy

Purdue Science Student Council is busy this semester with many activities. The callout on September 17 had a great turnout and the annual retreat is scheduled for Oct. 18.

Keep a look out for the PSSC float in the homecoming parade — a life-size whack-a-gopher golf course — and stop by the PSSC tailgate at the College of Science booth. There will be lots of food and games.

PSSC is sponsoring a Halloween Costume 5K Run on Nov. 2. Stay tuned for more on their activities.

Spotlight on Alumni

What the Hubble? Full Story

College of Science alumnus, Drew Feustel (BS '89, MS '91 Earth and Atmospheric Sciences), is one of the seven person team that will be helping repair and upgrade the Hubble Space Telescope (HST). The mission, which had been scheduled for this month, has been rescheduled for February 2009.

Purdue News

Purdue receives federal grant to improve campus security Full Story
Patti Jischke Early Care and Education Center dedicated Full Story

Science Events Calendar

Oct. 13 & 14: Department of Chemistry Third Annual Negishi-Brown Lecture, WTHR 104
Speakers, poster presentation, and industrial exhibition. More information.

Oct. 16–18: Symposium on Frontiers in Biological Membranes

Events begin at 5:00 p.m. on Oct. 16 in Pfendler Hall. For information and online registration, visit www.purdue.edu/research/pubams.

Oct. 31, 9:00 a.m.: Outstanding Alumni Breakfast.

This event honors outstanding alumni selected by the departments of Biological Sciences, Chemistry, and Physics and celebrates the accomplishments of the named and distinguished professors in the College of Science. For more information, contact Janelle Musch, director of special events and alumni relations: imusch@purdue.edu. 765-494-0586.
**Share your memories**! If you have a favorite story or memory from your College of Science experience, we'd like to share it with others.

Are you interested in leaving a lasting legacy for future students or faculty at Purdue? If so, please visit our [planned giving home page](http://c89.science.purdue.edu/sites/enewsletter/october2008/).

### Science Seminar Calendar

### Alumni and Friends

### Purdue Events

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**Science Alumni**

We want to hear from you! [Share](#) your professional news and your personal and family milestones.

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