A new workshop in Spaceflight Operations helps prepare ISU students for a future in the commercial space industry, new faculty join the department and a few of our graduate students share their academic experiences and career goals.

October 31, 2014

Letter from the Chair

With so many platforms for communication, we have decided to bring back a tried and true method of reaching our alumni – the newsletter.

This is our very first issue of Aerospace Engineering E-News, which we plan to send out quarterly during the year. We hope it informs, engages, and inspires our readers.

Inspiration is a goal of ours as an educational institution. We hope to provide our students with the tools and initiative to dream big and eventually reach those goals. Recently, the ISU Alumni Association displayed the VISIONS Across America art exhibition in the Scheman Building on campus, and three of our alumni were featured. This exhibit inspired us to create an exhibit of our own in Howe Hall and we’re calling it ‘Living the Dream’.

As alumni of our department, we want to see how you’ve living your dream. We are looking for pictures of you “on the job” that we can display for our students. Please contact communications specialist, Dana Woolley (dwoolley@iastate.edu), for more information or if you’d like to participate.

For examples of what we are looking for, check out this webpage.

So please, stay in touch! We want to know how you’re doing, and I hope you enjoy the newsletter.
Astronaut Clayton Anderson inspires, organizes Iowa State workshop on spaceflight ops

The week’s objectives included scuba certification, wilderness survival, skydiving, flight simulation and a virtual visit to the International Space Station.

Those objectives are all part of a prototype workshop designed to give six students a taste of the operational aspects of spaceflight training and Iowa State educators a first look at preparing students for new employment opportunities in commercial spaceflight.

Read full article, here.
View Flickr album, here.
Identical twin + engineering ≠ identical careers
Opportunities at Iowa State set Tor Finseth on the path to become an astronaut
Heading down an unplanned career path

PJ Induction

On April 9, 2014, the department inducted alumni and professor emeritus Paul J. "PJ" Hermann into the Aerospace Engineering Hall of Distinguished Alumni. The day’s events included department tours for alumni, research expo, cocktail hour, and dinner reception.

View the Flickr album, here.

The Aerospace Department gets an elevon

Donated by NASA to the Aerospace Engineering Department, the equipment on display in the Howe Hall atrium is the inboard elevon from the space shuttle.

Although this elevon never ventured into space, the piece of equipment is unique to find on a college campus.

We hope the instalation inspires our students in their course studies, project design, and career ambition.
Young Alumni Perspectives

Shaun Humes, Government Platform Systems Engineer with Rockwell Collins.

Every day Humes solves puzzles to ensure that transport aircrafts are able to maintain communication, navigation, surveillance, and air traffic management performance worldwide. To read more about his story, [click here].

For more alumni profiles, [click here].

Alumni News:

- Visions Across America: Richard Schmidgall
- Visions Across America: Matt England
- Ross Scheckler: Coming back to work with his alma mater
- Aerospace alumni business spotlight: Firetrucker Brewery
- AerE alumnus' career spans three engineering disciplines
- Alumnus helps paralyzed man regain movement
- Visions Across America: Darrell Holmstrom
- Hermann receives ISUAA Faculty-Staff Inspiration Award
- Michaela Antolak: 'If I can't be an astronaut, I'll build the rockets'
- Alumni named 2014 Iowa STATEment Makers
- Young engineering couple thrives in Silicon Valley
- Boeing promotes key leaders to positions for future growth
- AerE alumnus stays connected to passion for commercial space industry while advancing career
- Catching up: Two young alumni have 5 ISU degrees between them
- Merging engineering and business: Companies start and thrive with Iowa State alumni leading the way
- President-Elect Elizabeth Bierman hopes to expand SWE globally
- Jasper: integrating business, leadership skills into engineering career success

Check out our YouTube channel for more videos!
More Aerospace Engineering News:

- College of Engineering faculty and staff recognized with university's most distinguished awards
- Center for Nondestructive Evaluation joins College of Engineering
- Mysterious forces make this asteroid 'blast-proof'
- Sarkar to simulate model tornado winds and their effects on buildings

If you have stories or events you'd like to include in the next alumni email, please send them to Dana Woolley (dwoolley@iastate.edu) by January 5, 2015.

AerE News is sent out on a quarterly basis. The next issue will be sent out on Friday, January 30,
You are receiving this email as because of your affiliation as faculty, student, staff, or alumni of the Aerospace Engineering and/or Engineering Mechanics program at Iowa State University.