

DEC
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2018

Important Dates

Last day of classes	Dec. 7
Final Exams	Dec. 10–17
Winter break	Dec. 18

ANNOUNCEMENTS

[MAE Force Registration](#)

All MAE force registration requests should now be made through the [SEAS Portal system](#). Please read all instructions prior to filling out online form.

[Internship Opportunities](#)

UB's Career Experience Program has Spring 2019 internship opportunities! For more information, click [here](#).

[Faculty Mentors](#)

Faculty mentors are your first resource for questions related to career aspirations, research goals, and graduate school guidance. Sign up now [online](#).



mae.buffalo.edu

Campus Event

Tuesday, December 4 | 6:30 PM–7:30 PM | 206 Furnas Hall

UBPA Pilot Talk Series—Louis H. Knotts with Calspan Corporation

The UB Pilots Association is holding their fourth pilot talk series presentation! The CEO of Calspan Corporation and engineering test pilot Louis H. Knotts will be here speaking about in-flight simulations. Students, faculty, and staff are all invited to attend.

For more information, see [attached](#).

Friday, December 7 | 4:00 PM | 338A Davis Hall

Finals Stress Management: Tips & Resources

Join Out in Science, Technology, Engineering, and Mat (oSTEM) for some helpful tips and resources for dealing with the stress that follows the end of the semester!

Research Opportunities

Air Force Research Laboratory (AFRL) Scholars Program

During these paid summer programs, students work with full-time AFRL scientists and engineers on cutting-edge research and technology and are able to contribute to unique, research-based projects.

Opportunities are available at:

- Kirtland Air Force Base in Albuquerque (App. deadline Jan 15, 2019)
- Eglin Air Force Base in Florida (App. deadline Dec 17, 2018)
- AFRL Maui Optical and Supercomputing Site (App. deadline Jan 15, 2019)

Complete information is available at <https://afrlscholars.usra.edu/>.

To post to the weekly bulletin, contact Andrew Fogelsonger at afogelso@buffalo.edu



DECEMBER 4TH

UBPA Pilot TALK SERIES

Louis H. Knotts with Calspan Corporation

In his current role, Mr. Knotts helps define the technical direction of Calspan's future. This includes an expansion of their fleet of test aircraft to include airborne systems platforms, more modern in-flight simulators and UAV surrogates, and growth into the operation and testing of small UAVs. In the transportation arena, Calspan will grow into the testing of active safety technology and autonomous cars. Come hear Mr. Knotts talk about his experiences with projects involving in-flight simulation that he has worked on and flown over the last 37 years.



When:

**6:30 to 7:30 pm
December 4th**

Location:

206 Furnas Hall

**Calspan's CEO
and engineering
test pilot Louis
Knotts**

**Come hear about
in-flight
simulations**

All are welcome

Free Event

University at Buffalo

Pilot Association

SA/Pilots Suite 350 Student
union Buffalo, NY 14260

Louis H. Knotts

Chief Executive Officer, Calspan Corporation Engineering Test Pilot

Following his education at the U.S. Naval Academy, Mr. Knotts entered pilot training and was designated a Naval Aviator. He flew Grumman A-6 jets aboard the aircraft carrier John F. Kennedy for 3 years, making over 250 carrier landings. He next served as an instructor pilot in an A-6 fleet training squadron before leaving active duty. Later he joined the New York Air National Guard where he flew T-33A, F-4C/D, and Air Defense F-16 aircraft before retiring as a Lieutenant Colonel. Mr. Knotts received his Master Degree in Aerospace Engineering from Massachusetts Institute of technology.

Mr. Knotts joined Calspan in 1981 as an engineering test pilot where he worked on numerous in-flight simulation projects as well as numerous research projects related to aircraft handling qualities, pilot workload, and cockpit displays. He has provided ground and flight instruction at various test pilot schools for over thirty years. More recently, Mr. Knotts has served as safety pilot during airborne testing of several unmanned air vehicle systems projects including the Sense and Avoid project and Autonomous Air Refueling which have used the Calspan in-flight simulator aircraft as unmanned vehicle surrogate test aircraft.

In 2005, Mr. Knotts was a member of the management team that successfully acquired the testing businesses of the former Calspan Corporation from General Dynamics. Calspan Corporation was re-formed and Mr. Knotts served as the company President/CEO for the first eight years and now serves as its CEO.

In his current role, Mr. Knotts helps define the technical direction of Calspan's future. This includes an expansion of their fleet of test aircraft to include airborne systems platforms, more modern in-flight simulators and UAV surrogates, and growth into the operation and testing of small UAVs. In the transportation arena, Calspan will grow into the testing of active safety technology and autonomous cars. Come hear Mr. Knotts talk about his experiences with projects involving in-flight simulation that he has worked on and flown over the last 37 years.

Please come join UBPA for this free presentation, time and location are as follows:
University at Buffalo North Campus Furnas Hall room 206 from 6:30 to 7:30 on December 4th



The AFRL Scholars Program is accepting applications for **paid internships** at select locations



#AFRLScholars



LEAD your future and apply today!

DISCOVER your passions and get excited about career paths!

DEVELOP your research skills on cutting edge tech with elite mentors!

DELIVER the warfighter mission to ensure the Nation's advantage in air, space, and cyberspace!



For more information on how to apply:
visit our website at: <https://afrlscholars.usra.edu>
email us at: afrlscholars@epo.usra.edu