

Important Dates

Fall Recess

Nov. 21—Nov. 25

Off-Campus Event

Thursday, November 15 | 7:00 PM dinner | Protocol Restaurant

AIAA Dinner Meeting and Lecture

Please join us this month when Dan Dumbacher, now our own executive director at AIAA, presents his perspective on the future of manned space flight after the International Space Station.

All students must give their \$15 to either Dr. Crassidis or Mr. Schifferle by Nov. 12th. Please place it in an envelop with your name and meal choice. In addition, please make sure you also RSVP to NF.AIAA@gmail.com with your name, stating that you are a student, and your meal choice.

See attached [flyer](#) for more information.

Holiday Card Contest

The Dean's Office needs your help in designing the official 2018 winter holiday card for the School of Engineering and Applied Sciences!

1st, 2nd, and 3rd place winners will each be awarded a monetary prize. The contest deadline is **Sunday, November 25th**.

For more information and to submit your entry, visit the [contest page](#).

Career Opportunities

Thursday, November 29 | 1:00PM—3:00PM

L.I.V.E. Multi Lab Virtual Career Fair

Join the L.I.V.E. Department of Energy, Office of Science, Office of Workforce Development for Teachers and Scientists (WDTS) Virtual Career Fair and discover the opportunities to participate in the Science Undergraduate Laboratory Internships (SULI) and the Community College Internships (CCI) at six participating labs/facilities!

Register today to attend by going [here](#). For more information, see attached [flyer](#).

Friday, November 30th | Jacobs Institute

Jacobs Institute Internship Open House

The Jacobs Institute is pleased to invite MAE students to our first-ever Internship Open House—exclusively for UB students—on **Friday, Nov. 30th**! We'll be giving a 30-minute tour of the JI and a 30-minute info session with past interns. Sign-ups are, therefore, in 1-hour increments. Space is limited, so RSVP today.

To RSVP and reserve your time slot, visit this Google Forms [link](#).

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

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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](#).

 University at Buffalo
Department of Mechanical and Aerospace Engineering
School of Engineering and Applied Sciences

mae.buffalo.edu

Subject: Upcoming Multi Lab Virtual Career Fair

Join us from 1-3 p.m. EST Thursday, November 29th, 2018, for the L.I.V.E. Department of Energy, Office of Science, Office of Workforce Development for Teachers and Scientists (WDTS) Virtual Career Fair and discover the opportunities to participate in the Science Undergraduate Laboratory Internships (SULI) and the Community College Internships (CCI) at six participating labs/facilities! **Register today to attend by going to:** <https://orau.6connex.com/event/LIVE/WDTS/login>

You will be able to chat LIVE with guest scientist and recruiters about their undergraduate opportunities from the following laboratories and facilities:

- Oak Ridge National Laboratory (ORNL):** DOE's largest science and energy laboratory, ORNL conducts basic and applied research to deliver transformational solutions to compelling problems in energy and security. With a long history of welcoming students and faculty into its ranks for educational experiences, ORNL annually hosts 3,200 visiting researchers, 1,300 of these through its relationship with ORISE. ORNL has a long history of participating in DOE's education programs, including the SULI and CCI programs, which serve more than 150 students and faculty each year. ORNL is located in Oak Ridge, Tennessee
- Argonne National Laboratory (ANL):** a science and engineering research national laboratory operated by the University of Chicago Argonne LLC for the United States Department of Energy located near Lemont, Illinois, outside Chicago. It is the largest national laboratory by size and scope in the Midwest. Its diverse and dynamic research agenda spans 16 research divisions, 12 centers, and five national user facilities.
- Brookhaven National Laboratory (BNL)** is a multipurpose research institution funded primarily by the U.S. Department of Energy's Office of Science. Located on the center of Long Island, New York. It operates cutting-edge large-scale facilities for studies in physics, chemistry, biology, medicine, applied science, and a wide range of advanced technologies. The Laboratory's almost 3,000 scientists, engineers, and support staff are joined each year by more than 4,000 visiting researchers from around the world.
- National Renewable Energy Laboratory (NREL):** located in Golden, Colorado, specializes in renewable energy and energy efficiency research and development. NREL advances the science and engineering of energy efficiency, sustainable transportation, and renewable power technologies and provides the knowledge to integrate and optimize energy systems. In addition to NREL-sponsored internships, the laboratory works with the U.S. Department of Energy (DOE) Office of Science to provide the Science Undergraduate Laboratory Internship, Community College Internship, and Visiting Faculty Programs.
- Pacific Northwest National Laboratory (PNNL):** DOE's premier chemistry, environmental sciences, and data analytics national laboratory. It is also home to the Environmental Molecular Sciences Laboratory (EMSL), one of DOE's scientific user facilities. In FY 2017, its 4,486 scientists, engineers, and professionals generated were joined by 1,200 students and teachers who immersed themselves in laboratory research experiences through programs offered to high school, undergraduate and graduate students, as well as hands-on opportunities for post-doctoral fellows and educators.
- General Atomics (GA):**Founded originally in 1955 as a division of General Dynamics, General Atomics ("GA") and its affiliated companies now constitute one of the world's leading resources for high-technology systems ranging from the nuclear fuel cycle to electromagnetic systems, remotely operated surveillance aircraft, airborne sensors, and advanced electronic, wireless and laser technologies.

Please note that these opportunities are only for undergraduate students attending accredited U.S. institutions who are U.S. citizens or Legal Permanent Residents.

We hope to see you there!!!

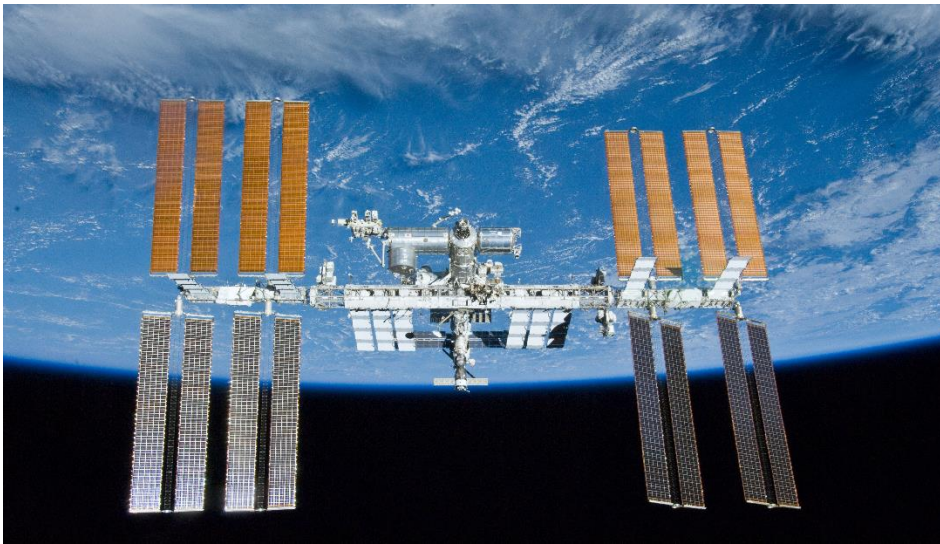


Niagara Frontier Section

Dinner Meeting and Lecture – November 15th, 7 PM

Dan Dumbacher

The International Space Station and Beyond



Dan Dumbacher first worked for NASA in 1979 as an intern while an undergraduate at Purdue University. When he left thirty-five years later in 2014 he was NASA's top Washington-based official for the future of manned space flight, responsible for the Space Launch System super heavy-lift launch vehicle and the Orion spacecraft. That same year Dan received the coveted Silver Snoopy, a sterling silver lapel pin flown in space, which is the astronauts' own award for contribution to manned flight safety and mission success.

Please join us this month when Dan Dumbacher, now our own executive director at AIAA, presents his perspective on the future of manned space flight after the International Space Station.

Thursday, November 15th, at the Protocol Restaurant, 6766 Transit Road, Williamsville, NY 14221

Cash bar at 6:00 pm, Dinner at 7:00 pm, Presentation to follow dinner

Cost: \$25 per person, \$15 for full-time students

Choose the following meal selections: Turkey and Stuffing ____ Strip Steak ____ Crusted Salmon ____
Reservations must be received by Monday, November 12th

RSVP with names, meal selections, and whether member, guest, or student to Pam Crassidis, nf.aiaa@gmail.com

Make checks payable to "Niagara Frontier AIAA" and send payment to:

Don Nixon c/o Moog Inc, 500 Jamison Rd, PO Box 18, East Aurora NY 14052-0018

All UB students must pay in advance (email either John Crassidis at johnc@buffalo.edu or Paul Schifferle at paul.schifferle@calspan.com for payment instructions)



UB CAREER EXPERIENCE PROGRAM

PAID, PART-TIME POSITIONS AT LOCAL
STEM COMPANIES DURING SPRING 2019

Through the University at Buffalo's Centers of Excellence, the "Career Experience Program" offers **paid**, part-time jobs to full-time UB students at local companies.

Positions include:
lab sciences, engineering,
business, marketing,
manufacturing,
information technology,
administrative support

Positions are open to
full-time **undergraduate**
and **graduate** UB
students from **all**
majors and programs

Find postings in
Bullseye. Search by
Keywords,
"Career Experience
Program"

FOR MORE INFORMATION
CONTACT:

Sandra Small, Ph.D.
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