



AUVSI AAM Expo

AAM Academia Update

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AAM Academia Update

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Role of Universities

- **Enrollment across US Universities is steadily dropping , around 1% per semester!**
(Data from the Chronicle of Higher Education)
- **Universities must adapt and innovate**
Teach & publish won't be enough
Educating versus Training the workforce of the future
- **We see continuous innovation across Universities – at ODU**
All undergraduates must have an industry internship
Interdisciplinary programs, research centers, innovation hubs, entrepreneurship support

VISA @ODU

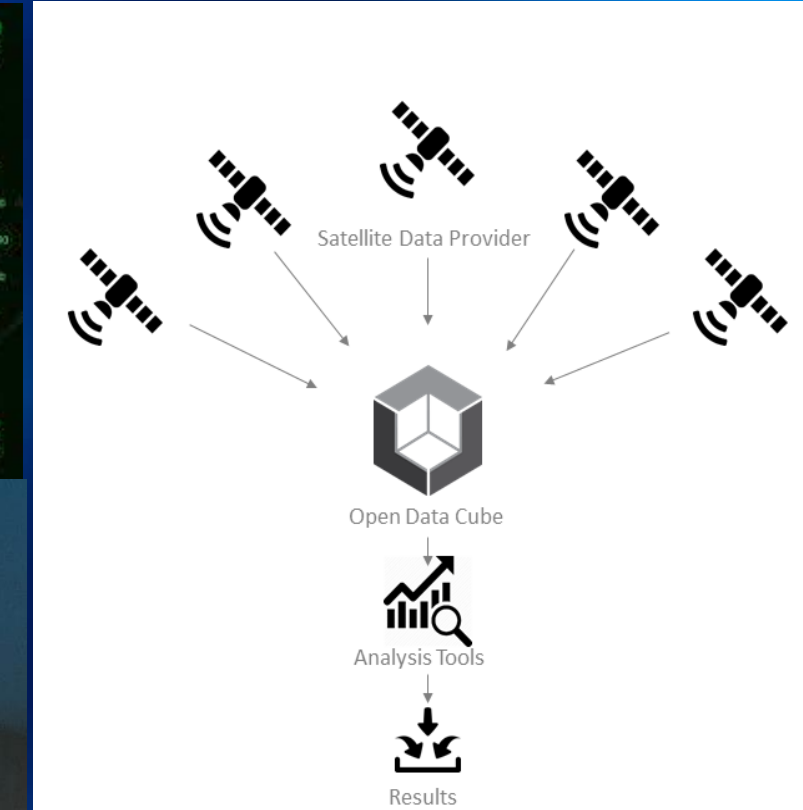
WHO WE ARE?

Funded by the General Assembly since 2019. Chartered to:

- Grow Virginia's spaceflight and autonomy sectors
- Leverage VA's assets in autonomous systems, spaceflight, and M&S for solving real-world problems
- - Part of ODU's Office of Enterprise Research & Innovation

WHAT WE DO?

- Create partnerships w/ industry, academia, government
- Create opportunities for collaborations among partners
- Provide advanced R&D to partner stakeholders
- Help educate and train next generation workforce



Working With VISA

Large Business

CRADAs

High Risk Low TRL
R&D Projects

Long Term Institution-
Level Partnerships

Medium Size Business

Strategic Partnerships

Directed Research

Research Cooperative
Centers

Small Business

SBIR

STTR

CCF
Go-VA

Internships/Apprenticeships/Workforce development

Center Robotic Oceanic & Coastal Systems (CROCS)

Joint effort with University of Delaware.

Industry/University Cooperative Research Center (I/UCRC)

Sponsored by the National Science Foundation (NSF)

- Awarded a planning grant by NSF
- Preparing to submit full proposal in December 2024
- Industry day – October 15, 8:30-2:00p,
Waterside District Harbor Club, Norfolk.



UD/ODU'S CENTER FOR ROBOTIC OCEANIC & COASTAL SYSTEMS (CROCS) INDUSTRY DAY

SAVE THE DATE

TUESDAY, OCTOBER 15, 2024
WATERSIDE DISTRICT HARBOR CLUB

333 WATERSIDE DR., NORFOLK, VA 23510

8:30 AM TO 2:00 PM
LUNCH PROVIDED AT NOON

WE'RE HOSTING A SOCIAL ON MONDAY EVENING AT 6:00 PM - STAY TUNED FOR DETAILS!

The *University of Delaware* and *Old Dominion University* are hosting an Industry Day to introduce the proposed CROCS Industry-University Cooperative Research Center (I/UCRC).

CROCS aims to create a transformational partnership between academia, government, and industry, strengthening U.S. leadership in the Blue Economy - economic activities related to coasts and oceans.

The Center's mission is to accelerate the growth of this vital sector through cutting-edge technology, workforce development, and research on collaborative autonomous systems and related technologies.

The Center will pursue R&D in six main challenge areas: (i) **Control & Autonomy**, (ii) **Perception**, (iii) **Agility & Endurance**, (iv) **AI & Data Management**, (v) **Communications & Cybersecurity**, and finally (vi) **Technology Certification**. These thrust areas were identified and refined in collaboration with initial stakeholders to maximize the potential of the IUCRC to solve pervasive industry-wide problems.

We welcome industry and government organizations to join this event to learn more about sponsorship opportunities and how they can help shape the future direction of the Center.

PLEASE RSVP TO ALEXIS HUTCHINSON, AHUTCHIN@ODU.EDU | NO LATER THAN **FRIDAY, OCTOBER 4, 2024**



FOR MORE INFORMATION ON THE NSF I/UCRC PROGRAM VISIT: <https://iucrc.nsf.gov/>

