

## Mission

ADAC is hosted by the University of Alaska, with work conducted at UA campuses in Anchorage and Fairbanks . . . and across a community of academic centers.

ADAC's Mission is to develop and transition technology solutions, innovative products, and educational programs; and to improve situational awareness and crisis response capabilities related to emerging maritime challenges posed by the dynamic Arctic environment.

## Program Summary

The ADAC educational programs, including the summer Minority Serving Institutions (MSI) program, are designed to contribute to the growth of a highly skilled workforce for Homeland Security agencies, and through ADAC-related research, to contribute to the capabilities of US Coast Guard operators to provide disaster relief, search and rescue, and humanitarian aid in the Arctic.

The MSI Internship program seeks qualified undergraduate students to participate as research interns in ADAC-sponsored projects. The 10-week program provides a stipend and travel expenses to the institution of placement.



**ARCTIC DOMAIN**  
AWARENESS CENTER

A DEPARTMENT OF HOMELAND SECURITY CENTER OF EXCELLENCE

# ADAC Summer Internship Program

**ARCTIC DOMAIN**  
AWARENESS CENTER

A DEPARTMENT OF HOMELAND SECURITY CENTER OF EXCELLENCE

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## Application Process

Applicants who meet the requirements may apply online here:

<https://goo.gl/forms/zcA185Z19vAvZdtq1>

## Requirements

The ADAC Fellows and MSI Summer Internship programs are funded by the Department of Homeland Security (DHS). Eligibility requirements include:

- Current full-time enrollment in undergraduate degree-seeking program in a STEM discipline, preferably in junior or senior year status
- U.S. Citizenship
- Maintenance of cumulative GPA of 3.30 or higher on 4.00 scale, averaged over all academic terms during which funding is provided
- Ability to pass a background check as required by any position in the homeland security field
- Agreement to proactively seek and obtain paid employment within the Homeland Security Enterprise for at least one year after graduation

## ADAC Summer Projects Under Development

- Training a student as a Community Based Observer Networks for Situational Awareness (CBONS) observer enabled by Field Information Support Tool (FIST), on the ground in one of the current sites in the Arctic. See attached project descriptions and our website for more on the CBONS project: <http://adac.uaa.alaska.edu/>
- An all-virtual data project sponsored by University of New Mexico, very similar to their DataOne program: see <https://www.dataone.org/internships>
- A project involving data fusion, or sensor technology along the Colorado/Arizona/New Mexico border
- A project involving oil spill modeling, onsite in Anchorage
- A project involving modeling for sea ice hazards or coastal erosion, on-site in Barrow

