Wisconsin SG Updates
2-Year STEM✦HAB ✦ USIP✦Internships

Great Midwest Regional SG Directors Meeting
October 7, 2016

WI SG Office: Kevin Crosby, Chris Thompson, Lisa Crumble

WISCONSIN SPACE GRANT CONSORTIUM

WSGC

Tethered Aerostat Program

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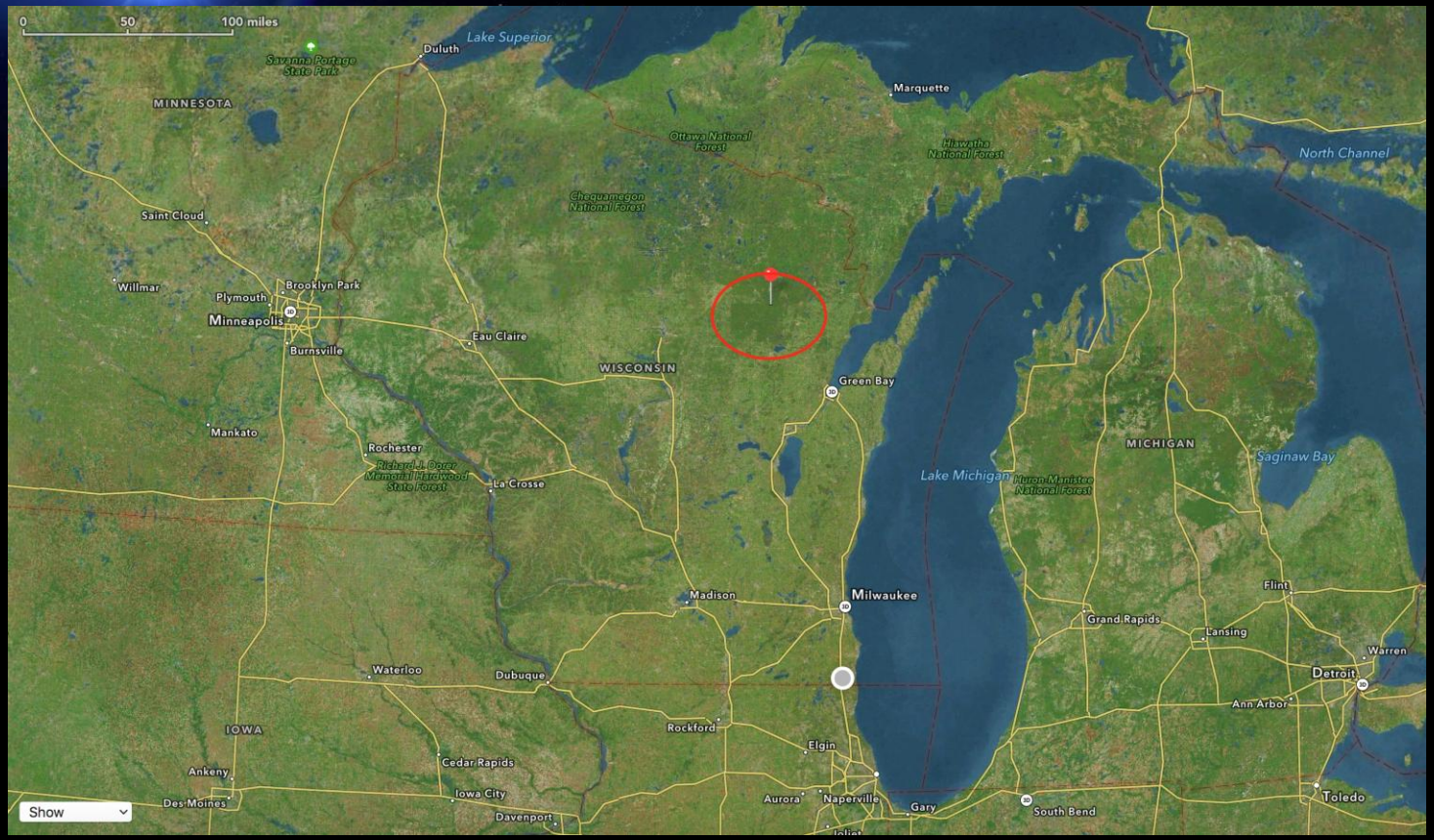
Local Context



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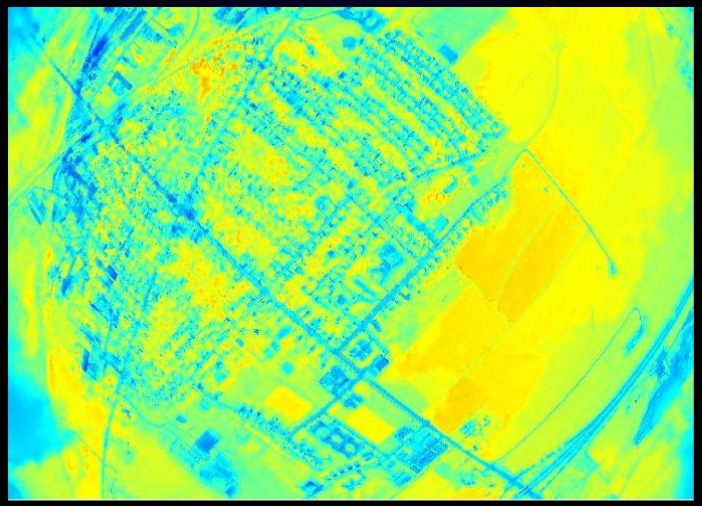
Summer 2016 Elijah HAB Payload



NDVI Image of Clinton, WI.
Altitude ~ 8000 m

Balloon Payload

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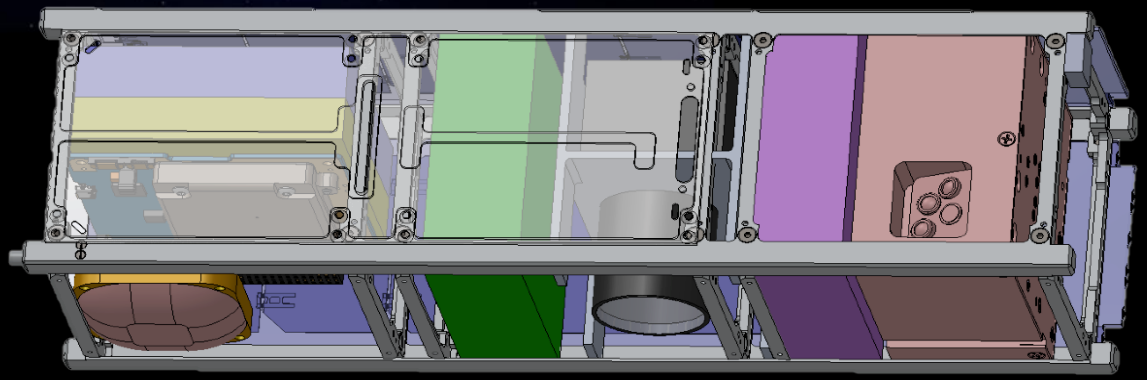
From Elijah to CaNOP

Canopy Near-IR Observing Project



Antenna Comm Battery Camera Flight Computer ADCS

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CaNOP Team in NDVI and False IR

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CaNOP Launch Vehicle

- Manifested on Firefly Alpha via NASA VCLS Program
- Launch Date: March 15, 2018
- Orbit: 55˚ inc., 375 km alt.

Internships

- Expanding in-state aerospace internship opportunities through partnerships
  - Astronautics
  - ORBITEC
  - Gulfstream
- Aerospace and Cybersecurity Center of Excellence
  - State and corporate funding establish a public-private partnership for:
    - Collaborative Research
    - Internships in Aerospace
    - Curriculum Design

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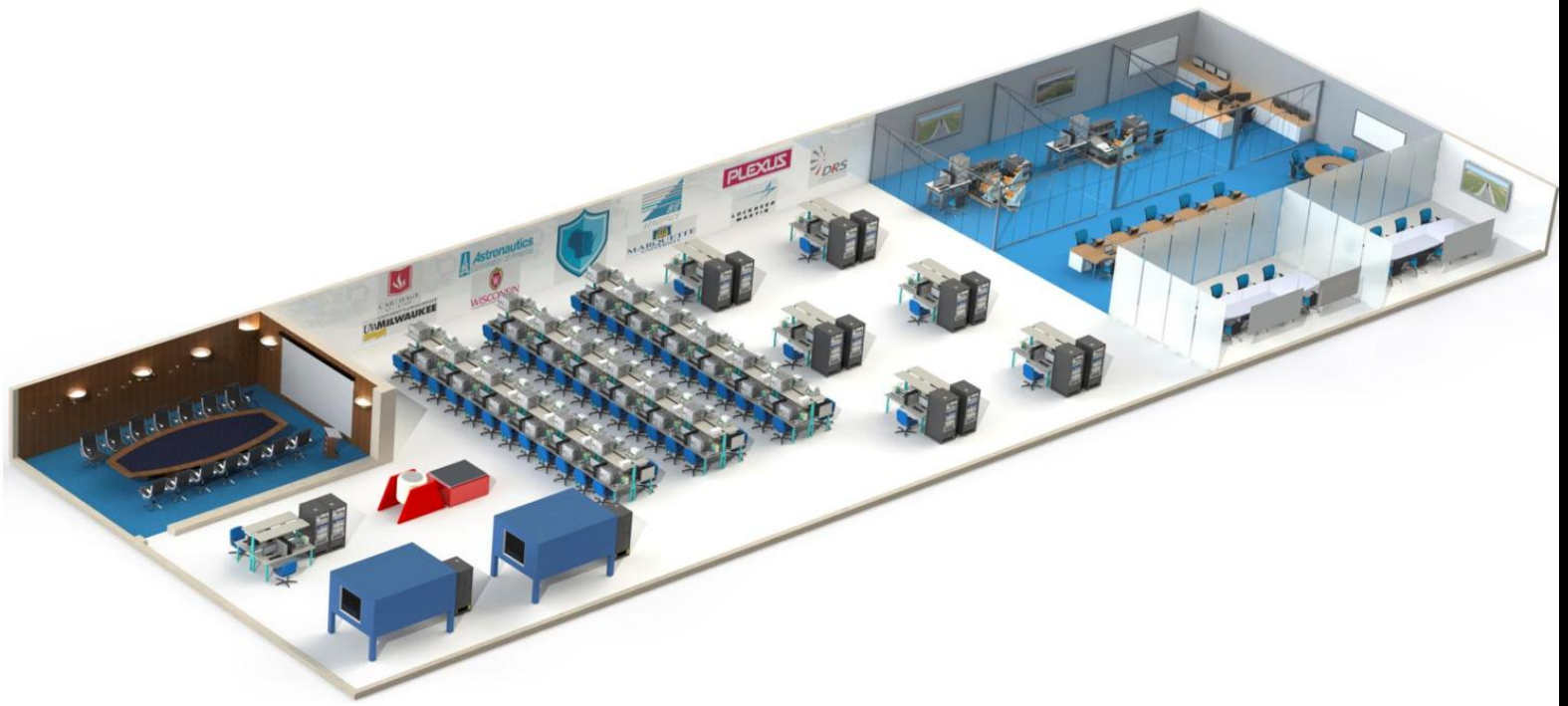
Internships

Astronautics Corporation of America

Wisconsin Economic Development Corporation



Aerospace and Cybersecurity CoE