

# Augustana University

- A primarily undergraduate university
  - Sioux Falls, South Dakota
  - Physics has about 50 undergraduate students
  - All three tenured/tenure track members have external funding
    - Associate Professor Drew Alton wishes to join DUNE
  - About 95% of undergraduate physics majors perform research before graduation

# Associate Professor Drew Alton



- Previous collaborations
  - NuTeV (Fermilab)
  - D-Zero (Fermilab)
  - CUBED (SURF)
  - DarkSide (LNGS)
- Previous Experience
  - Wrong Sign Muon events in neutrino experiments
  - Drift chamber construction, commissioning, and operations
  - Two phase Argon TPC operation
- Short term plans on DUNE
  - Focus on Proto-DUNE data analysis
  - Start with hot/dead channels
- Longer term interests
  - On-site construction and commissioning
- Physics
  - Supernova neutrino detection
  - SM neutrino interactions.