

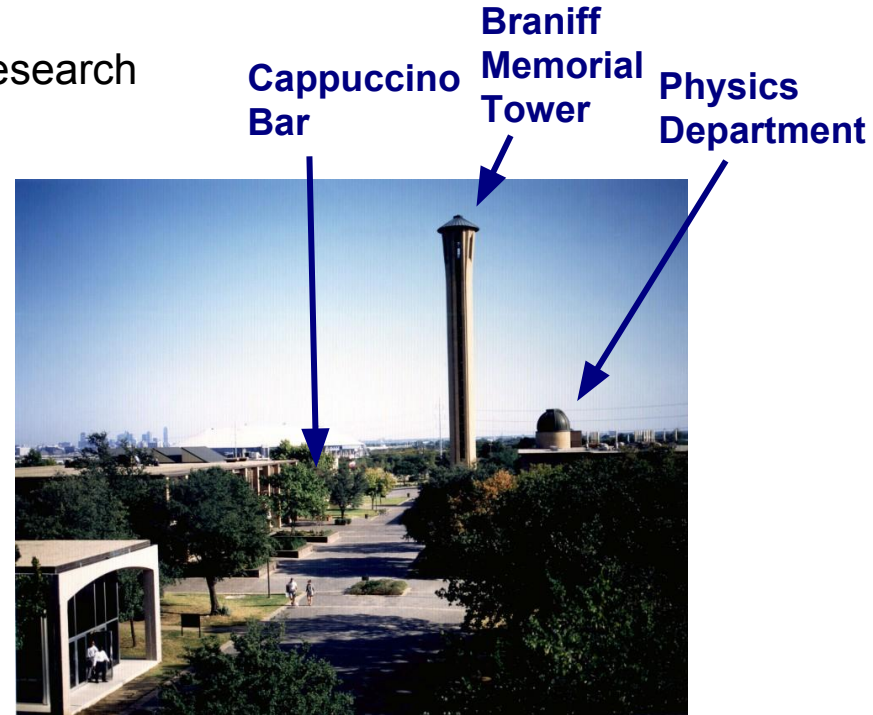
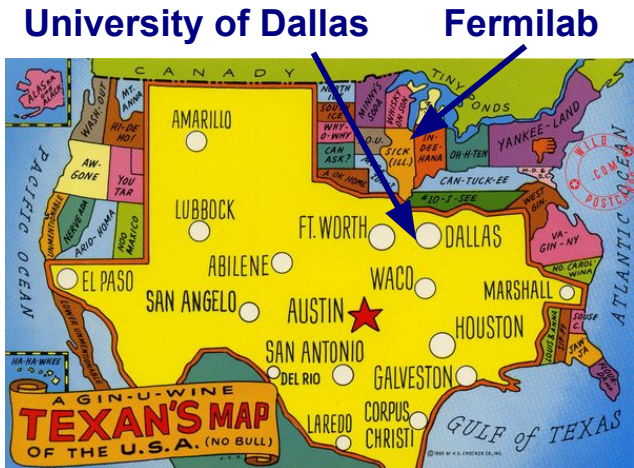
University of Dallas application to join DUNE



Will Flanagan
August 16, 2017

About UD

- 50 undergraduate physics majors
 - UD excels at connecting students with research and preparing students for grad school.
- No graduate physics program



My Brief CV

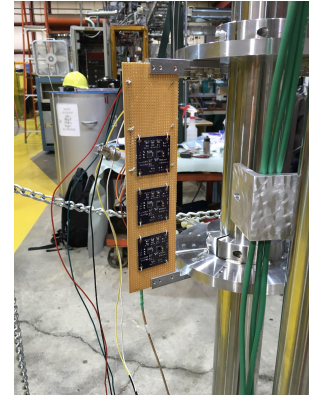
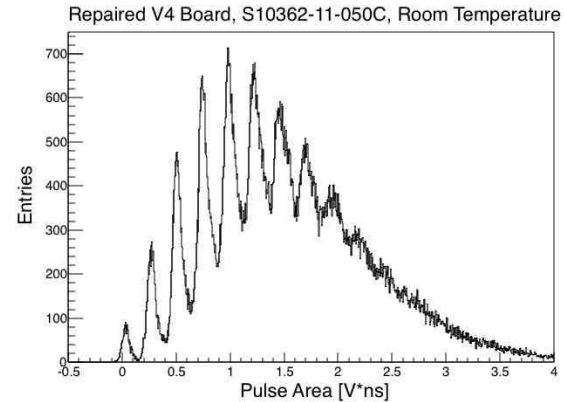
- PhD from Texas A&M
 - CMS Experiment
- Postdoc at University of Texas at Austin (with Karol Lang)
 - MINOS+
 - Muon neutrino disappearance, Monte Carlo production, software librarian
 - Also LArIAT test beam and MINER reactor experiments
 - As MINOS+ and LArIAT wind down, ramping up on NOvA
 - DAQ coordinator for NOvA test beam
- Faculty at the University of Dallas starting Fall 2017

Funding and Time

- I will be applying for DOE funding this Fall.
 - Any suggestions are warmly appreciated.
- May also apply for summer support from the Fermilab Visiting Faculty Program
 - <http://ed.fnal.gov/interns/programs/vfp/index.shtml>
- In the short-term, I plan to spend a small portion of time on DUNE related activities, with a focused effort on the dual-phase charge readout plane.
 - Of course we can ramp up our DUNE FTE as NOvA winds down.

Other Interests

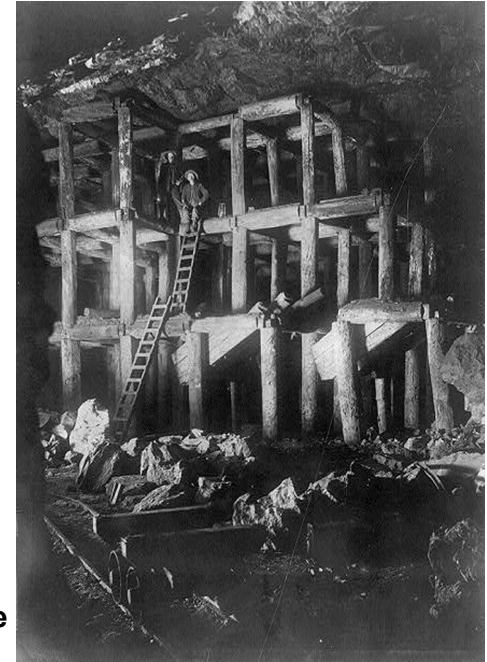
- I have experience commissioning cold amplification for SiPMs in LArIAT and TallBo.
- Though I find the topic interesting, I don't propose any light collection tasks at the moment.



Going Forward

- Small, focused contribution: assembly and commissioning of portions of the dual phase CRP.
- Analysis of protoDUNE data in short term.
 - Excellent opportunity to get talented UD students involved.
- Questions, comments to will.flanagan@utexas.edu

- Thank You!



Homestake
circa 1906