



UNIVERSITY OF DALLAS

The Catholic University for Independent Thinkers

Dear DUNE Collaborators,

I am writing to express my interest in joining in the DUNE experiment after beginning my faculty appointment at the University of Dallas in August. The University of Dallas is a primarily undergraduate institution with a strong tradition of connecting physics majors with meaningful research opportunities and preparing these students to excel in graduate school. I have not yet secured funding beyond my institutional startup funds, but will be submitting grants this fall.

After completing my PhD on the LHC, I moved to the field of neutrino physics as part of my (current) postdoc with Dr Karol Lang at the University of Texas. My work has centered on the MINOS+ experiment with additional contributions to the LArIAT test beam experiment and the MINER reactor neutrino experiment. As MINOS+ and LArIAT wind down, the focus of my research is now shifting to the NOvA experiment where I am leading the data acquisition and detector assembly for the upcoming test beam effort.

I hope to leverage my previous experiences to contribute to the dual phase charge readout plane consortium. In the short term, this would include analysis of protoDUNE data. My university is in particularly close proximity to UT Arlington and SMU, allowing my students to take part in this collaborative effort.

I will be attending portions of the August meeting as a guest. I plan to attend Wednesday morning remotely and Thursday in person. This will allow me to attend the CRP Consortium meeting on Thursday at 11am as a guest.

This detector technology and facility is sure to enable major discoveries. It would be a privilege for the University of Dallas to take part in this endeavor. Thank you for your consideration.

Warm Regards,

Will Flanagan
Assistant Professor (starting Fall 2017)
Department of Physics
University of Dallas