Current and Pending Support: Jonathan Asaadi

Current and Pending Support
Support: ☐ Awarded ☒ Pending
Sponsor: NSF **Award/Identifying Number: 1654507**
Title of the Proposal: CAREER: A novel fully modular liquid argon neutrino detector for the Deep Underground Neutrino Experiment
Total Award Amount for the Entire Award Period (including indirect costs): $1,114,875
Award Period: **2017 - 2021**
Number of Person-months per year to be devoted to the project: 2 months/year
Abstract: This proposal puts forward the development of a new modular liquid argon time projection chamber (LArTPC) neutrino detector to be used as a near detector for the Deep Underground Neutrino Experiment (DUNE). The ultimate goal of this project is to demonstrate the feasibility of constructing and operating identical but separate LArTPC modules in a common bath of liquid argon. Each module features a relatively short drift length and at a fully independent TPC with its own readout, light detection system, cryogenics, and services.

Support: Awarded X Pending
Sponsor: DOE **Award Number**:
Title of the Funded Research Project: Research in Elementary Particle Phyiscs
Total Award Amount for the Entire Award Period (including indirect costs): $?????
Award Period: **04**/01/17 - 03/31/20
Number of Person-months per year to be devoted to the project by the PI: 2.0
Abstract: