

Current and Pending Support: Andrew Brandt

Support: <input checked="" type="checkbox"/> Awarded <input type="checkbox"/> Pending
Sponsor: DOE Award/Identifying Number: 209151
Proposal Title: Research in Experimental Elementary Particle Physics (co-PI)
Total Award Amount for the Entire Award Period (including indirect costs): \$2,520,000
Award Period: 5/01/2014- 3/31/2017
Number of Person-months per year to be devoted to the project: 1.0
Abstract: Base funding for the UTA HEP group to support their summer salaries, post-docs, students, and travel. This umbrella proposal encompasses various activities in the energy frontier primarily for ATLAS: data analysis in Higgs and SUSY, trigger development, major leadership roles in computing, etc., with a modest effort in ILC development and leadership; and the intensity frontier ranging from Lariat to Dune.

Support: <input checked="" type="checkbox"/> Awarded <input type="checkbox"/> Pending
Sponsor: DOE Award/Identifying Number: 215078
Proposal Title: Development of a Long Life Photomultiplier Tube for High Flux Applications (PI)
Total Award Amount for the Entire Award Period (including indirect costs): \$125,000
Award Period: 6/01/2015- 3/31/2017
Number of Person-months per year to be devoted to the project: 1.0
Abstract: This project seeks is concerned with the development of long-life microchannel plate (MCP) photomultiplier tubes (PMTs), capable of high rate operation. Its goals are the optimization of lifetime testing methods including the efficacy of multiple lifetime measurements per device, expedited lifetime measurements, and after-pulsing studies that seek to correlate lifetime with the amount of specific heavy ions.

Support: <input checked="" type="checkbox"/> Awarded <input type="checkbox"/> Pending
Sponsor: Department of Education Award/Identifying Number:
Proposal Title: Reaching Goals in Physics with GAANN Fellowships (Co-Pi)
Total Award Amount for the Entire Award Period (including indirect costs): \$536,688
Award Period: 9/01/2016- 8/31/2019
Number of Person-months per year to be devoted to the project: 0.5
Abstract: This proposal provides funding for physics graduate students with demonstrated need for financial aid, and includes a supervised teaching requirement.

Support: <input type="checkbox"/> Awarded <input checked="" type="checkbox"/> Pending
Sponsor: DOE Award/Identifying Number:
Proposal Title: Research in Experimental Elementary Particle Physics (co-PI)
Total Award Amount for the Entire Award Period (including indirect costs): \$
Award Period: 4/01/2017- 3/31/2020
Number of Person-months per year to be devoted to the project: 2.0
Abstract: Renewal of base funding for the UTA HEP group to support their summer salaries, post-docs, students, and travel. This umbrella proposal encompasses various activities in the energy frontier primarily for ATLAS: data analysis in Higgs and SUSY, trigger development, major leadership roles in computing, and TileCal, with a modest effort in ILC development and leadership; and the intensity frontier ranging from Lariat to Dune.