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**Current and Pending Support: Haleh Hadavand**

| **Current and Pending Support** |
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| **Support**:  Awarded  Pending |
| **Sponsor: NSF ATLAS Project Funds Award/Identifying Number:** NSF PHY-1119200 |
| **Title of the Proposal**: The U.S. ATLAS Research Program: Empowering U.S. Universities for Discoveries at the Energy Frontier |
| **Total Award Amount for the Entire Award Period (including indirect costs)**: $58,000 |
| **Award Period**: **1/30/16-9/30/16** |
| **Number of Person-months per year to be devoted to the project**: 0.0 |
| **Abstract:** UTA is a sub-contractor of the NSF US ATLAS Operations program cooperative agreement managed by Columbia University. This cooperative agreement supports M&O, S&C and R&D activities on the ATLAS experiment at the LHC. Activities at UTA include the operation of the SouthWest Tier 2, PanDA software development, US Computing Operations, Analysis support and documentation, and TileCal detector operation and upgrade R&D. These support activities are critical to the success of the ATLAS physics program. |

| **Current and Pending Support** |
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| **Support**:  Awarded  Pending |
| **Sponsor:** NSF **Award/Identifying Number:** 1654772 |
| **Title of the Proposal:** Search for Beyond Standard Model Phenomena with Tau  Leptons and Higgs |
| **Total Award Amount for the Entire Award Period (including indirect costs)**: $810,011 |
| **Award Period**: **2017 – 2021** |
| **Number of Person-months per year to be devoted to the project**: 2 months/year |
| Abstract: This proposal investigates search for Beyond Standard Model Phenomena with Tau Leptons and Higgs on the ATLAS experiment. This includes charged Higgs searches in the τν final state and a Z boson + X search including leptons and taus in the final states. The Z+X combines five analyses into one scan by using a parametric fit to the background over a range of 4 GeV to a few TeV. This proposal also includes the R&D and production efforts for High Luminosity LHC for the Tile Scintillating Calorimeter low voltage power supplies. |

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| **Support**:  Awarded  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**: |
| **Abstract:** This proposal provides funding for physics graduate students with demonstrated need for financial aid, and includes a supervised teaching requirement. |