

2018

QuarkNet annual report
University of New Mexico

The University of New Mexico QuarkNet Center activities are reflected on our website, <http://physics.unm.edu/QuarkNet@UNM/>. In Spring 2018 we led a technical tour of the Very Large Array (VLA) and Long Wavelength Array (LWA) radio astronomy facilities in Socorro, New Mexico. This was attended by teachers from Jefferson Middle School, Atrisco Heritage Academy High School, Rio Grande High School, and Garfield Middle School, all of them in Albuquerque. The tour was led by a UNM doctoral candidate in astrophysics who is a user of the facilities. Our QuarkNet center also sponsored two lead teachers to attend the Fermilab Data Camp in July 2018: Diane Cabral from New Futures High School (for pregnant and parenting students) and Ismael Renteria (from Rio Grande High School). We are now planning a technical tour of the Sandia National Laboratories Gamma Irradiation Facility, Ion Beam Laboratory, and Annular Core Nuclear Reactor in spring 2019.