

Gwendolyn Buchanan

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Education

Tennessee Technological University, Mathematics, 2013-present.

Dobyns-Bennett High School, 2009-2013.

Tennessee Governor's School for Computational Physics, Summer 2012.

Scholarships

University Academic Service Scholarship, 2013-present

Physics Scholarship, 2014-2015

Tennessee HOPE Scholarship, 2013-2015

Tennessee HOPE Merit Scholarship, 2013-2015

Frederick Culp Physics Scholarship, 2013-2014

Paul Austin Memorial Scholarship, 2013-2014

Employment

Physics Labs

Calculus-based Physics I Lab T.A., Fall 2014, Spring 2015, Spring 2016

Algebra-based Physics I Lab T.A., Spring 2014

Research Assistantships

Assisted Dr. Mary Kidd in writing a simulation for SLIMER. Fall and spring 2016.

Accepted the URECA grant to work on the Majorana Demonstrator with Dr. Kidd. Summer 2015.

Assisted Dr. Adam Holley in ultracold neutron data analysis. Fall 2014.

Additional Skills

Proficient in: GEANT4, C++, L^AT_EX

Basic knowledge of: ROOT, Fortran