



Tiffany Desjardins earned her B.S. in Astrophysics from the University of New Mexico in 2008. She obtained her Master's Degree in Physics in 2010 with a thesis under Dr. Mark Gilmore. In 2016 she finished her Ph.D. in Electrical Engineer from UNM; her graduate work continued her master's work, studying instabilities and turbulence in plasmas. From there, she ventured forth to do a post-doc at Los Alamos National Laboratory, shifting to high energy density (HED) physics, an extreme form of plasmas. After doing research for two years on the OMEGA and NIF laser facilities, she became staff and moved to a traditional fluids team, where she now studies shock driven instabilities, and their transition to turbulence between gases.

IEEE Albuquerque Affinity Group
Chair: Khandakar Nusrat Islam
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A Journey Towards Becoming a LANL Scientist

TIFFANY
DESJARDINS, PHD
 Scientist, LANL

Thurs, Jan 13
5:30pm



**ZOOM VIRTUAL
MEETING**

Free and Open to the Public
Pre-registration required

<https://unm.zoom.us/j/99869214065>

Abstract:

According to Google, approximately 27% of people who work in STEM are women. There are fields of study into how we improve these statistics, and that try to answer questions like "Why do so few women go into STEM?" and "How can we improve those statistics?" While the answers to these questions is outside the purview of this talk, it will cover one woman's journey from a small town in Pennsylvania to becoming a scientist at Los Alamos National Laboratory. It will touch on the science she discovered along the way, from an internship at the National Solar Observatory, to her graduate work in electrical engineering at UNM studying plasma physics, and her post-doc work at LANL in HED physics before becoming a LANL scientist studying turbulence in fluids. It will also talk about some of the aspects of the journey, and try to impart what advice she can give to others who wish to pursue careers in STEM.

Albuquerque IEEE WIE Public Talk
 Co-sponsored by the Albuquerque Section of the
 Institute of Electrical & Electronic Engineers (IEEE)
 and IEEE Women in Engineering (WIE)