

**A SOCIETY OF PHYSICS STUDENTS (SPS)**

**presents: PHYSICS ALUMNI SERIES SEMINAR**

***"Careers in Physics:***

***Identification and Mitigation of Vibration, Magnetic Field and Acoustic Effects for Nanotechnology and Ultra Precision Applications"***



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External environmental factors such as floor vibration, magnetic fields, and acoustics can negatively affect the achievable resolution of high performance nanotechnology and ultra-precision instruments. This presentation will review common sources of such environmental disturbances and mitigation techniques. We will apply our knowledge of physics in how we approach and solve these challenging problems in real-world industry and academic research examples.

**<https://csuohio.zoom.us/j/88681765302>**

**WHEN 11:30 – 12:20**

**Tuesday, February 16, 2021**

