



## Graduate Research Symposium Keynote

Wednesday, 03/30/2022.

Room: OSU Alumni Center, 8:00 AM – 9:00 AM

### Alumni Keynote:

### What is a Graduate Student?



#### Abstract

In this talk, I will discuss my impression of life as a long-term graduate student at Oklahoma State University from an alumni perspective. My time there included positive and important experiences I encountered, and that shaped my interpersonal capabilities, enabling growth past graduation. I also enjoy staying in touch with the OSU thermal systems research crew, and with other alumni. In my talk, I will also highlight the importance of the education I received, the opportunities that my graduate experience opened, and also some lessons learned.

#### Bio:

Edwin Lee is a researcher in the commercial buildings research group at the National Renewable Energy Laboratory (NREL). Edwin manages technical development of EnergyPlus, including maintenance and implementing new features. Prior to joining NREL, Edwin completed his graduate research at OSU. He developed and validated an EnergyPlus heat transfer model as MS work, followed by an improved solution algorithm for hydronic systems as his PhD work. His expertise is primarily in the fields of building heat transfer, building simulation tool development and ground heat transfer modeling.



**Edwin Lee, PhD**

2006, 2008, and 2013 OSU  
MAE triple. alumni and  
NREL Researcher



**EnergyPlus Python EMS**, a  
modern development by Edwin  
Lee