

# **New Graduate Student Orientation**

Presented to:

**Incoming Graduate Students**

by

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School of Nuclear Engineering

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- About Me
- About NEGO
- About Graduate School
- Some Advice
- Conclusions



# Introduction



- Education
  - BS Nuclear Engineering, 2018
  - PhD Nuclear Engineering, Expected 2022
- Research
  - Work with Dr. Seungjin Kim
  - Inclined effects on Two-Phase Flow
  - Flow regime identification
  - Two-Phase flow instrumentation
- Contact:
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# **Nuclear Engineering Graduate Organization (NEGO)**



- Nuclear Engineering Graduate Organization
  - A group dedicated to enhancing the experience of graduate students in the Nuclear Engineering Department
  - Events to enrich your experience
    - Social
    - Skill-learning
    - Study sessions



- Social Events
  - Previous events include
    - Dinner for new graduate students
    - Cultural events
    - Game nights
  - COVID-19 may change some event plans for the upcoming school year



- Professional Events
  - Previous events include
    - Skill learning, such as LaTeX
    - Study Sessions
    - Review Sessions for the Qualifying Exam
  - COVID-19 may change some event plans for the upcoming school year



- A Note on In-Person Events
  - Due to COVID-19, adjustments need to be made to the normal event structure
  - We are exploring options for events that can be held responsibly
  - Events like the qualifying exam study session will most likely continue, given the continuation of classes



- NEGO Membership
  - By being a member of the Graduate School in Nuclear Engineering, you are eligible to be a member!
  - We are a **Low-Commitment** Organization
  - You are under no obligation to come to any events we sponsor



## **General Advice**



- If you still need an advisor:
  - List of faculty here:
    - <https://engineering.purdue.edu/NE/people/faculty>
  - Research interests will help narrow the options
  - Talk to students working with faculty of interest
  - Remember: You will be working with your advisor for the next 2 to 6 years!
    - This is a long-term commitment!
    - A positive relationship is instrumental to success



- Academics
  - Wide array of backgrounds coming in
    - Physics, Nuclear, Mechanical, Materials Engineering
  - Graduate school classes can be challenging
    - Academic excellence is the expectation
    - No one wants you to fail
  - Talk to faculty for help with classes
  - Talk to previous students; many of us have taken the same classes!



- The Nuclear Engineering Department
  - Nuclear Engineering is extraordinarily diverse
    - People of different backgrounds and cultures
    - Distinct research specializations
  - Get to know the other students.
    - Knowing people who are also dealing with graduate student life can help manage everything.
    - People within and outside of your specialization can provide insight on research and classes



## **Conclusions and Future Work**



- Conclusions:
  - I hope all of you enjoy your time here at Purdue
  - Keep an eye out for information and events hosted by the Nuclear Engineering Graduate Organization
  - If any of you have any questions, feel free to reach out to myself or any of the other graduate students.

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*Thank you!*

