# WHY ARE WE HERE?

This tutorial will cover everything you need to begin producing scientific results with the Rayleigh code.

Important Resources:

1. GitHub:  www.github.com/geodynamics/Rayleigh

2. Documentation:  https://rayleigh-documentation.readthedocs.io/en/latest/

3. Materials for Today:  https://github.com/feathern/rayleigh_tutorial_2025

If you have additional questions after today, please do not hesitate to contact me at:

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# WHAT THIS TUTORIAL WILL COVER:

- Installing Rayleigh & verifying your install
- Overview of the Rayleigh Code
- Generating and Plotting Output
- Overview of Rayleigh's Parallelization
- Running the code
- Controlling Physics
- Ensemble Mode