Energy and Earth Resources (EER) at-a-glance

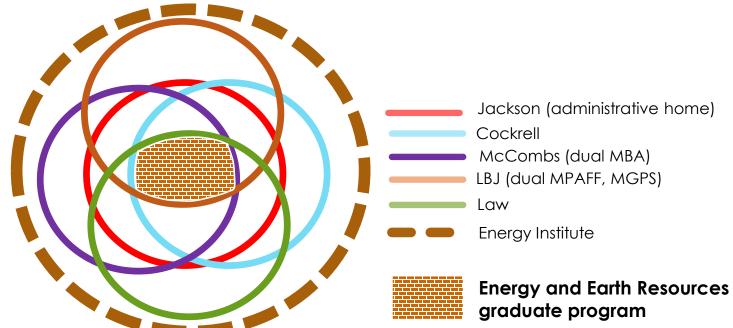


What is EER?



Premise: All energy and earth resource challenges are inherently multidisciplinary.

The Energy and Earth Resources Graduate Program provides the opportunity for students to pursue interdisciplinary studies in areas of geosciences, engineering, management, finance, economics, law and policy for 21st century careers in energy, minerals, water, and environmental resources.



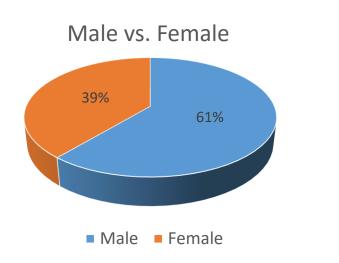
Background

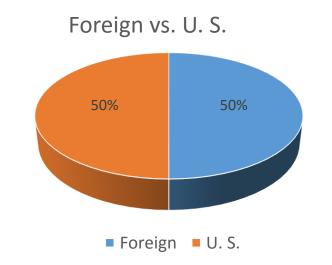


- Multidisciplinary Masters program established 36 years ago focused on energy and minerals
- Supported by approximately 35 faculty from Jackson School of Geosciences, McCombs School of Business, Cockrell School of Engineering, LBJ School of Public Affairs, Law School and Energy Institute
- Two thirds of the students have engineering or science undergraduate degrees
- Most students enter program with 1 3 years of work experience
- Graduates have taken positions in many fields reflecting the multidisciplinary nature of the program;
 largest single employer has previously been the oil and gas industry
 - > Current graduate research and employment interests significantly more diverse
- Program has been running at an average of 46 students for the past 5 years
 - ➤ Currently 54 students
 - ➤ Program graduates 10 20 students per year

Student Profile



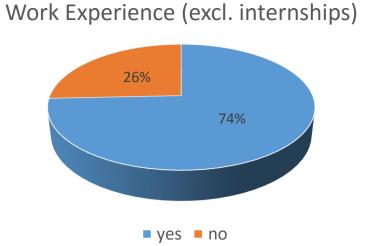




Undergrad Degree

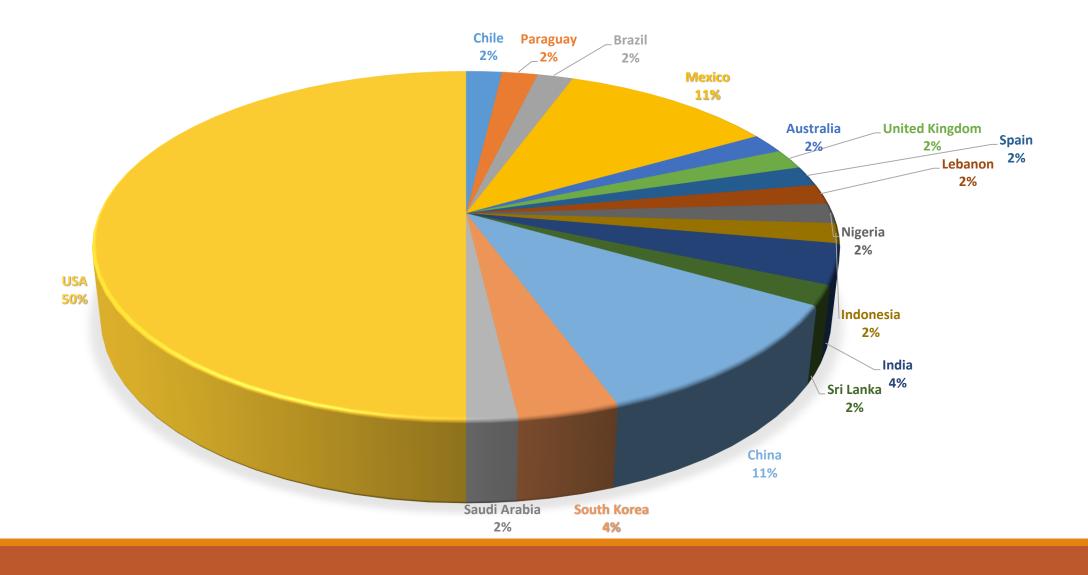
12%
39%
27%

Engineering Science Liberal Arts Economics



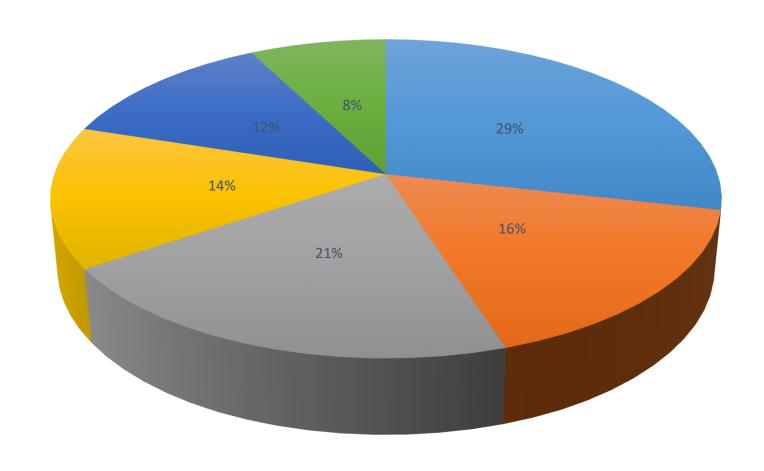
Where are they from?





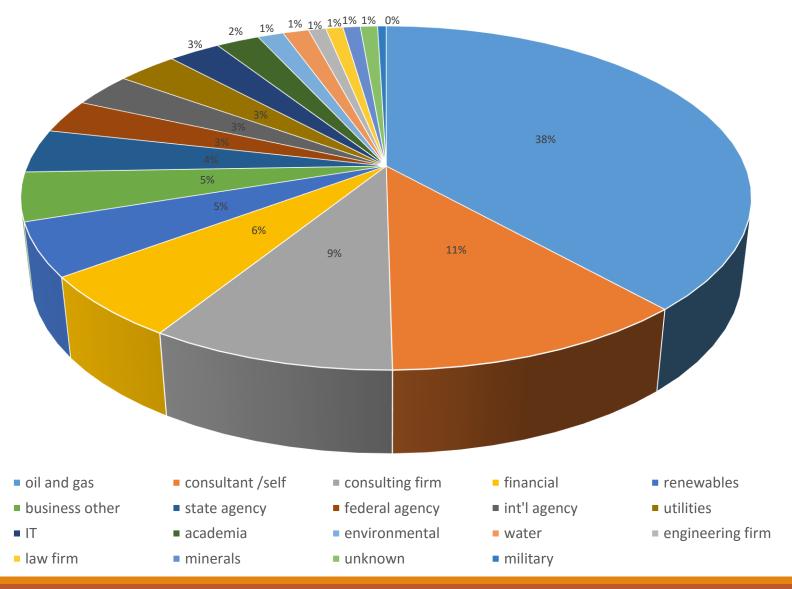
What are their current interests?





Where are they working? (1989-2015 graduates)





Core curriculum



Objectives of core curriculum (tools in the "toolbox" of every EER student):

> Develop foundational knowledge and useful skills

Objective of tracks / concentrations and thesis:

> Develop depth

Core(4 courses):

- 1. Understand Earth and its controls on resource distribution
- 2. Gather and analyze large data sets and derive useful information
- 3. Make energy and earth resource decisions in the context of commercial viability
- 4. Make energy and earth resource decisions in the context of risk and uncertainty

Basic course of study



Minimum requirements:

- Core: 4 courses
- Distribution: 1 course from each track
- Concentration: At least 2 courses in a track plus a thesis in the same theme as the track

