A subset of data that highlights significant disparity between skill appraisal and student preparation

**TECHNICAL SKILLS**
- Structure, tectonic, seismic investigations
- Deformational history
- Sediment/soil age relationships
- Health, safety, regulations, QA/QC
- Earthquake mechanisms and seismic hazards
- Preparation of geological investigations
- Paleontology
- Tectonic/geologic modeling

**GEOLOGY**
- Fiscal management
- Self-awareness
- Adaptability
- Entrepreneurial
- Supervising
- Time management
- Relationship-building
- Visioning
- Ethical practices
- Project management

**NON-TECHNICAL SKILLS**
- Student preparation indicated by faculty and students (n=89)
- Importance of skill in professionals’ current position (n=72)
- Diameter indicates magnitude of importance/preparation


The relative sizes of the circles can only be compared within the same category of either technical skills or non-technical skills. Skills selected for this graphic displayed statistically significant disparity between student preparation and rated importance, as indicated by the Geoscience Career Master’s Survey Data Analysis (i.e. Larger blue circles indicate that professionals found these skills to be more important than the overall preparation of students when graduating from their Master’s programs). The preparation of students was determined by aggregating data of student and faculty responses.