# Teaching-Oriented Careers in Statistics and Data Science

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# Rewarding career opportunities

- Statistics teachers are in high demand
  - High schools, two-year colleges, liberal arts colleges, teaching-oriented universities, research universities
  - Few subjects are taught so often by instructors with so little preparation in the discipline

- Liberal arts colleges
  - Teaching very valued
  - Curriculum development, pedagogical research often valued
  - Small class sizes
  - Close student-faculty interactions
  - Undergraduate research opportunities
  - More and more emphasis on statistics and data science, statisticians and data scientists

## Teaching-oriented universities

- Similar circumstances to liberal arts colleges
- Perhaps larger class sizes, heavier teaching loads

### Research universities

 More and more long-term faculty positions with primary responsibilities in education

# Some rewarding aspects

- Interactions with students
- Impact on students
  - Future statisticians, data scientists
  - Future leaders, general public
- Creativity
  - Courses, curriculum
- Educational research
- Statistical consulting, collaboration

# Things to consider

- Teaching load
  - Including number of different preparations, class sizes
- Teaching support
  - E.g., graders, technology, ...
- Colleagues, collegiality
- What's expected, what's valued
- Requirements for scholarship, including what "counts"