Learning Assistant for STAT 3850

Learning Assistants attend class and help the instructor by assisting students during in-class activities such as group work and inquiry learning. The position also comes with some responsibility for grading student work. Being a Learning Assistant gives you an opportunity to develop teaching skills by working closely with our expert faculty. Working with other students is a great way to strengthen your own mathematical abilities, and provides a valuable service to your fellow students.

The MATH/STAT 3850 course is an exciting, data-driven approach to introductory probability and statistics. We make heavy use of computer simulations to work with probability and understand statistics. The course includes probability, random variables, data manipulation and visualization, statistical inference, regression, and analysis of variance. We use RStudio throughout and develop command-line and programming skills.

This section of 3850 will have 45-55 students.

In total, this position should require 10 working hours per week.

In combination with any additional on-campus employment, student workers may not work more than 20 hours per week during the academic year or 40 hours per week during the summer.

Responsibilities

- Meet the instructor once weekly outside of class. (1 hr/week)
- Prepare for class by familiarizing yourself with the material for that day. (2 hr/week)
- Attend class MWF 1:10-2:00 and assist students with individual or group work. (3 hr/week)
- Grade (and provide feedback for) student homework. (4 hr/week)

Job Expectations and Requirements

- Advanced knowledge of statistics, as demonstrated by prior completion of a statistics course beyond the introductory level.
- Prior experience using R and RStudio or very strong programming skills.
- Have at least a 3.0 GPA in mathematics and statistics courses and maintain a 3.0 cumulative GPA. Remain in good standing academically.
- Demonstrate competency in statistics, as reflected through a recommendation from a professor.
- Necessary personal characteristics for this paraprofessional position include: patience, maturity, approachability, ability to maintain confidentiality, dependability, flexibility, appreciation of diversity, and good communication skills.

Accountability/Compensation

- The learning assistant is supervised by the course instructor.
- Upon successful completion of Banner self-service and timecard documents, tutors will be compensated $14 per hour before taxes to be disbursed according to the University pay schedule.

Applications

Apply online at https://mathstat.slu.edu/resources/student-workers