

Graybill Statistics and Data Science Laboratory

Colorado State University

Franklin A. Graybill Statistics and Data Science Laboratory Mission

Providing statistical expertise for the benefit of advancing the quality of scientific research and education at Colorado State University and beyond while educating the next generation of applied statisticians.

To Accomplish our Mission

- “...for the benefit of advancing the quality of scientific research....”



- Provide general consulting to the CSU community
 - Sample size determination
 - Study design
 - Data analysis recommendations
 - Interpretation of results
 - Preparation of reports
 - Software assistance (SAS, R, JMP, SPSS)
- Grant writing and proposal preparation support
- “...and education...”
 - Statistical Methods classes (STAR 511 and STAR 512)
 - Applied Statistics for Researchers courses (new in 2019!): STAR acronym
 - Graduate committee service
 - Partner with the Library to lead Coding and Cookies Workshops

To Accomplish Our Mission

- "...while educating the next generation of applied statisticians..."
 - Provide collaborative training for Statistics graduate students
 - Statistics graduate students can take a 1 credit Statistical Consulting Skills course followed by a 2 credit Directed Statistical Consulting course

- Resources Not Provided
 - Coursework assistance
 - "Dry cleaner" services
 - Data management



"You better hurry. Management wants the data cleaned up by tomorrow morning."

- **For a majority of projects, there is no charge for general statistical consulting.** This service is supported by CNS, the Statistics department, the OVPR, and the Ag Experiment Station.
- Fee-for-service data analysis is available for projects that go beyond general consulting.
- We request support when we participate on a grant.

Stat Lab Collaborators

- Faculty



Julia Sharp
Director and Professor



Ann Hess
Associate Professor

- Walk-in lab graduate student assistants

Where You Can Find Us

- Spruce Hall and the Statistics building
- On the web: <http://statlab.colostate.edu>
- To set up an appointment: <http://statlab.colostate.edu/schedule-a-consulting-appointment/>



Thank You!



"Doesn't matter where they're posted, those are not *BAR* graphs."