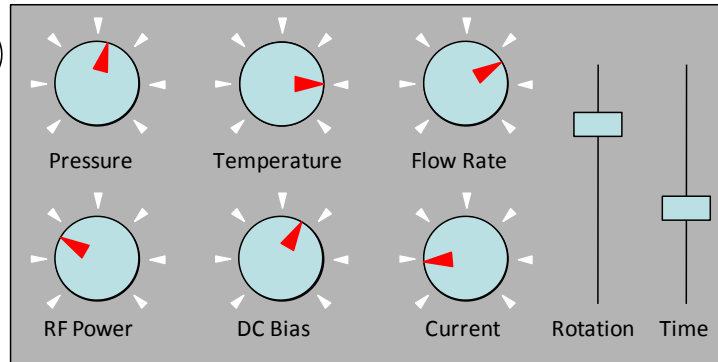


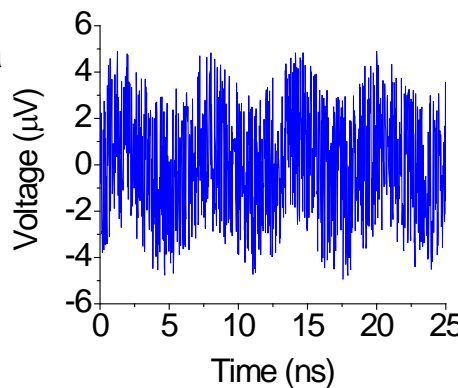


ECE 446: Principles of Experimental Research

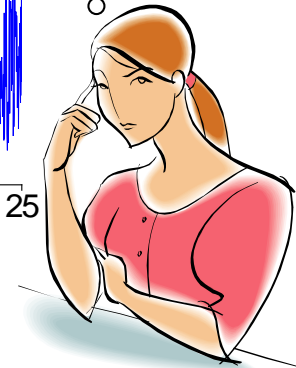
How do I figure out which variables are important?



There must be a more accurate technique ...



What is the data telling me?



Compile !?!?!



Principles of Experimental Research is an inter-disciplinary course designed for first year graduate students and advanced undergraduates. The course counts as an ECE lab elective (B.S.) or Professional Development (M.Eng.), yet students from any engineering or science department are encouraged to attend. The course focuses on: (1) design of experiments, (2) prevalent experimental techniques, (3) data collection, organization, and statistical analysis techniques, (4) oral and written presentation of scientific material, and (5) scientific computing languages and software. The main course objective is for students to develop the basic skills needed for pursuing a career or an advanced degree involving experimental research.

I get to design my own experiments in this class!



Prof. Goddard • 4 Credit Hours for Grad and Undergrad Students
(An ECE Lab Elective or MEng Professional Development Course)