Research in High Precision Spectroscopy
PHY242

REAL RESEARCH, PUBLISHABLE RESULTS
A brand new National Science Foundation funded course based research program.
Prof. Will Williams  wwilliams@smith.edu (contact me with any questions!)

No math or physics prerequisites; we will only use algebra.
Priority given to 1st and 2nd year students.*
Class is capped at 9 students.
Small lab sections with only 3 students each.
Use state of the art lasers and equipment.

Apart from gaining real research experience, you will learn about:
• atomic physics and the subfield of spectroscopy
• data analysis and uncertainties
• writing scientific papers
• and much more

Below are some well-known atomic physicists we will also learn about:

Earl D. Shaw  Laser Physicist
Deborah Jackson  AMO Physicist
Louis Orozco  AMO Physicist
Wendell T. Hill III  Atomic Physicist

To learn more:

*The way WorkDay is set up, everyone will be waitlisted except 1st years. The class will be filled with priority given to 1st and 2nd years followed by juniors and seniors.
Any questions, please contact Prof. Will at wwilliams@smith.edu.