Join a professional team of Scientists Working in pulsed power and High Power Microwaves and EMPOWER your future!

Job Title: Undergraduate Research Assistant

Lab description: Pulsed Power/HPM/HEDP Laboratory

Our laboratories are at the cutting edge of scientific research. The Electromagnetics group at ECE/UNM is carrying our research on Pulsed Power, Electromagentic effects on Electronics, Plasma Physics, High Power Microwave Sources and High Energy Density Physics. We are interested in finding undergraduate students to join us in this path of discovery.

We will train you in the following:

- Marx Generators, X Pinches, Accelerators, Particle in Cell Simulations, High Power Microwave Sources, interferometry, spectroscopy, laboratory astrophysics, microwave engineering, Linear Transformer Drivers, Charged Particle Beams

If you are a USA citizen wanting to work in a national laboratory this is your clearest path towards this. We are looking to expand and are particularly looking for students not usually represented in STEM fields. If you are a woman, first nation or first generation american we strongly encourage you to reach out to us.

Student Duties:
- Learn by assisting Graduate students
- Practical Laboratory tasks
- Running numerical simulations
- General lab maintenance

Requirements:
- Freshman to Junior level (don’t worry - we will teach you everything)
- The ability to work well within a team
- The ability to self-teach
- Commitment to a team and to a goal.
- Schedule can be flexible!

Interested candidates should send an email to Joe Chen at joechen43@unm.edu with subject “Undergraduate research assistant”