

# Innovative Post-Doctoral

## Entrepreneurial Research Fellowship

### Opportunity:



**PARAMIUM**  
TECHNOLOGIES

Seeking a motivated post-doctoral fellow to join our team under the ASEE IPERF program.

We are seeking a:

**RF Engineer or related Engineering Graduate** to utilize engineering best practices to design, develop, and implement end-to-end RF solutions for ground terminals and satellite ground systems. The RF Engineer will additionally design and implement SDR based solutions for custom waveforms and modulation/demodulation techniques. Additionally, the engineer will work with leading companies developing electronically steerable arrays (ESAs), multi-band antennas, and distributed antenna systems. The RF Engineer will lead complex RF centric projects, to include issuing RFPs for unique, customized solutions.

### **Duties and Responsibilities:**

Linear actuator arrays.

- Design and Develop complex ground segment systems
- Design and Implement space segment solutions to include link budget analysis for complex spread spectrum, massive site solutions.
- Design and development of RF devices from concept, design, validation, to full production for satellite communication systems.
- Work with RF sensor and antenna companies to innovate designs
- Design and implementations for advanced phased array systems
- Construct hardware prototypes and testing
- Provide frequency assistance and perform spectral surveys.

**Working Conditions:** 40 hours/week, Starting Immediately

**Proudly Sponsored by:**



### BENEFITS:

- ✓ Monthly base stipend of **\$6,500**
- ✓ Health Insurance
- ✓ Life Insurance
- ✓ Relocation Benefits
- ✓ Professional conference travel
- ✓ Professional Development

### APPLICANT REQUIREMENTS:

- + Hold an earned doctoral degree in an NSF-supported STEM discipline from a recognized Ph.D. granting institution.
- + Earned degree within 7 years of application to the I-PERF research opportunity.
- + Be a United States Citizen, National, or Permanent Resident of the United States at the time of application to the I-PERF program.

### APPLY HERE:

[iperf.asee.org](http://iperf.asee.org)

Submit inquiries to:  
[evanhouten@paramium.com](mailto:evanhouten@paramium.com)