



Research Grant Specialist II

Job Description

STC has supported science missions for over 40 years. Of our 350 scientists, engineers, and software developers, 40% have advanced degrees, many in meteorology and atmospheric science. We have expertise in numerical weather prediction, algorithm development, remote sensing, data assimilation, and hyperspectral soundings. Will you join our world-class team?

Are you passionate about the “real world” impact of your work? The JPSS Proving Ground and Risk Reduction (PGRR) program focuses on improving the quality, timeliness, and accuracy of weather forecasts and warnings. The program aims to achieve this goal by funding scientific research that uses emerging technologies, techniques, and data sources to enhance the performance of NOAA's operational forecast models and systems. We are seeking a research grant specialist with expertise in satellite remote sensing and systems engineering to join our team. The ideal candidate will manage multiple ongoing satellite data projects, interact with data users and research partners, and have a working knowledge of NOAA satellites, sensors, and data products. The candidate will support the PGRR to spin up new projects and ensure that funded research projects meet milestones and performance requirements.

Key Responsibilities

- Lead, manage, and coordinate 100+ remote sensing projects, ensuring they are completed on time, within budget, and meet user requirements.
- Collaborate with and encourage collaboration between research teams to integrate research ideas and software components.
- Support the writing and development of research proposals to match NOAA priorities.
- Organize and facilitate monthly telecons, review meetings, and conference sessions.
- Develop documentation on user engagement, meeting outcomes, and research priorities and needs.

Additional Information

- This is a full-time position with a competitive salary and benefits
- Some in-person attendance required but with telework options
- Opportunities for professional development and advancement are available
- Bachelors (Masters or above preferred) in atmospheric science, meteorology, engineering, mathematics, statistics, computer science, or another related field
- 2+ years of relevant professional experience
- Any of the following are desired: Web development programming (e.g. JavaScript, JQuery), clean coding techniques, and agile techniques

Location

The position is based in Greenbelt, MD near Washington D.C. The region is a great place to live: we have excellent schools and universities, a diverse population, nearby hiking, endless activities, and excellent restaurants.

Job Requirements

- Bachelors (M.S. or PhD preferred) in Engineering, Atmospheric Science, Geography, or a related field.
- Permanent U.S. residents and able to pass background check
- At least 3 years of experience in satellite systems engineering and remote sensing.
- Deep knowledge of NOAA satellites and their capabilities.
- Excellent technical writing and communication skills.
- Data analysis/research experience in atmospheric science or machine learning is a strong plus!

We are equal opportunity/affirmative action employers, committed to diversity in the workplace. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, disability, or protected veteran status, or any other protected characteristic under state or local law.

Join us! Apply online:
<https://www.stcnet.com/careers/>