



## **Science, Technology, Engineering, Mathematics (STEM) Doctorate Degree Professionals**

The **National Reconnaissance Office (NRO)** seeks recently graduated or early career **STEM Doctorate degree** professionals.

The salary range for the positions is **\$72,030 to \$112,240 (GG-11 or GG-12)** and the position is located in **Chantilly, Virginia**.

All candidates must be a **citizen of the United States of America** and be able to obtain, and maintain a **Top Secret Clearance with a Counterintelligence Polygraph**.

NRO will select multiple motivated, highly qualified individuals to engage in the NRO mission by applying creative solutions to complex technical and operational problems. Selectees will have the following responsibilities:

- Prepare, provide, and evaluate conventional plans, designs, design specifications, and related documentation determining and/or executing actions for a wide range of assignments involving a combination of complex features.
- Provide advice to senior colleagues and/or management officials responsible for broad program operations.
- Research trends and patterns; develop new methods and criteria; propose new policies and practices; conduct technical analysis and field laboratory work to achieve products or services.
- Evaluate the value and applicability of new or improved technology, strategies, trends, or applications.
- Assess project and program effectiveness interacting with NRO-user community with respect to system and/or operational requirements.
- Provide expertise and advice on program planning and policy-making functions covering a broad range of engineering and scientific program and plans. Develop and advise on and implement critical projects and/or segments of NRO programs, projects, or activities.
- Initiate and conduct thorough and comprehensive analytical studies or other complex studies involving varied subject matters. Studies vary in complexity based on scenario and the number of analytical models employed. Define the problem, formulate scope, establish objectives, formulate methodologies, coordinate research contributions of others and identify significant findings. Produce insightful findings, alternative courses



of action, solutions to critical problems, etc., which have significant impact in changing or improving practical and/or theoretical concept development to future special operations.

- Conduct systemic exploration of problems and analysis of alternatives. Present trend analysis data ascertaining potential problem areas. Define the problems involved, formulate concepts in addressing these problems, and review and evaluate the final outcomes of the study. Identify and clarify major factors and issues of the study. Establish the objectives and approach; formulate methodologies; and plans, advise on and coordinate study activities.
- Plan, execute and report on original studies or ongoing studies requiring a fresh approach to resolve new problems, modifying and adapting standard procedures, methods and techniques to address problems.
- Plan, coordinate, implement, test, and conduct projects, serving as an advisor to other scientists or engineers.
- Perform scientific and technical evaluation, correlation, synthesis and presentation of important data in a complex field making significant technical and scientific recommendations and decisions.

### **How to Apply**

To apply to this opportunity, submit your resume and unofficial transcripts to [Hiring@nro.mil](mailto:Hiring@nro.mil).