

Date Posted:  
03/20/09

## Scientific Analyst - Senior (SSAG)

Systems Planning and Analysis, Inc.  
Alexandria, VA

Career Level:  
Experienced (Non-  
Manager)



Pay Range:  
Negotiable

Education:  
Bachelor's

### Senior Scientific Analyst: 2008-078

Job Function:  
Analyst

**Responsibilities:** Responsibilities will include project leadership for important technical and analytic tasks in support of the senior decision makers who plan future strategic forces and their capabilities. Position requires nuclear weapons effects analyses, requirements definition, systems trades, and cost-effectiveness analysis.

Job Status:  
Full-Time

Industry:  
Engineering,  
Consulting Services,  
Government  
Contractor

**Requirements:** An experienced Analyst is needed to assist with technical planning and system effectiveness assessments for current and future weapon systems concepts in support of Strategic Systems Programs (SSP) and the Underwater Launched Missile System (ULMS) study. This study will identify concepts, desired capabilities and characteristics, and an R&D and Prototyping Plan for the sea based strategic deterrent system and platform that will follow TRIDENT (SSBN (X)). Candidate will team with group of operations and technical analysts studying future missile and warhead concepts - both conventional and nuclear. Candidate will interact primarily with Navy SSP, but will also interface with other Defense Department commands and agencies involved with the ULMS. Ideal candidate will have interest in examining evolving U.S. security challenges and impacting important decisions. Knowledge of nuclear weapons effects and methodologies to calculate weapons systems effectiveness required. Knowledge of conventional weapons effects a plus. Position requires 10 to 20 years experience. Technical major and/or Master's degree a plus.

Job Division:  
Strategic Systems  
Analysis Group

Job Code:  
2007-078

Contact Information:  
Employer Site

Candidates must be able to work independently and as part of a team. Successful candidates will be subject to a security investigation and must meet eligibility requirements for access to classified information. U.S. citizenship required. In addition to professionally rewarding challenges, SPA employees also enjoy an excellent benefits package that includes insurance, leave, parking, and more, plus a generous qualified 401(k) plan.

SPA is an Equal Opportunity Employer (M/F/V/H)

Please visit our website at <http://www.spa.com/careers> and select job type "Senior Analysts" to apply.

#### Company Profile

Systems Planning and Analysis, Inc.

**Business Focus:** Professional Services

**Industry Category:** Aerospace / Aviation, Consulting Services, Defense, Public Policy / Think Tank

Local Offices: DC Metro Region  
Total DC Employees: 410  
Total Employees: 475

Systems Planning and Analysis, Inc. (SPA) is a growing business whose mission is to provide top-level decision makers with timely and objective assessments that integrate the technical, operational, programmatic, and business aspects of national security issues.

**For a Flash profile of SPA, please [click here](#)**

SPA uses proven management experience, seasoned technical judgement, and quantitative analytic techniques to assist senior executives and program managers in defining key issues, tradeoffs, and cost-effective solutions to facilitate decision making. We carry out our mission by conducting studies and analysis ranging from high-level, top-down requirements definition to system-specific engineering and tradeoff studies, both within and outside the defense community.

Since our founding in 1972, the following objectives have guided SPA:

- \* Perform interesting work that impacts important decisions
- \* Maintain marketplace integrity
- \* Maintain a high-quality staff
- \* Provide opportunity for individual initiative
- \* Provide a good working environment
- \* Remain profitable

SPA is proud that the value of our work has been recognized by satisfied customers over the years and of the trust those customers place in us.

Join the SPA Team and develop solutions to important problems.

Systems Planning and Analysis, Inc. offers its full-time employees an outstanding benefits package that includes the following:

- A high-quality group life and health insurance plan including major medical, dental, and vision coverage and a PPO option
- A qualified 401(k) plan with generous company contributions and the option to make additional individual contributions
- Flexible Spending Accounts- Health Care and Dependent Care
- A personal leave schedule graduated by salary and SPA service
- Free parking
- An Employee Assistance Program
- Tuition Assistance
- An Employee Recognition Program

1. What kind of work does SPA do?

- SPA conducts high-level technical analysis related to national security issues for the Department of Defense and other clients. We

perform objective analysis to provide well thought out options in response to clients' problems. We endeavor to give clients the objective information that they need to know.

2. What is SPA's business philosophy?

- We believe that if we do high-quality, thoughtful work we will have the opportunity to address more challenging problems for top-level decision makers. In doing so, we strive to be a trusted agent to our clients.

3. What kind of qualifications are you looking for?

- SPA welcomes resumes from individuals from all stages of their professional life. We are interested in individuals who may just be starting their professional career as well as those transitioning from the military or those with significant civilian experience. People with notable program experience within the Navy and elsewhere in the Department of Defense are highly desirable, as are all individuals who can bring technical, programmatic, operational, or business expertise to our teams. A background in operations research, systems engineering, or national security policy is a plus.

4. What are the traits of successful people at SPA?

- Successful SPA employees demonstrate a high level of integrity and individual initiative. They are able to work productively in a team environment. SPA employees commonly work on complex problems where they must balance timeliness with analytic precision, while maintaining a high level of quality in their work.

5. What is it like to work at SPA?

- Working at SPA means working on challenging problems for top-level decision makers. You work on teams with individuals from a broad spectrum of professional disciplines dedicated to producing high quality, timely work; teams with a balanced mixture of people with and without military experience. SPA provides an especially good working environment for employees with state-of-the-art equipment and comfortable, attractive facilities.

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