NIA Danielle Emche Internship Program

Nuclear Innovation Intern

About NIA:

The Nuclear Innovation Alliance (NIA) is a non-profit, non-partisan, "think-and-do" tank based out of Washington D.C. Our mission is to help create the conditions for success for advanced nuclear energy so it can play a major role as a climate and energy security solution. To achieve our mission, NIA identifies barriers to advanced reactor deployment, performs independent and highly technical analysis, produces useful information resources, and engages with a wide range of stakeholders and decision makers to support their efforts to overcome these barriers.

NIA is uniquely positioned to effectively support the development and deployment of advanced nuclear reactors due to our independent, non-partisan, highly technical, policy-based focus on advanced nuclear energy. NIA has deep technical and policy expertise on advanced nuclear energy, a reputation as an independent source of technical and policy information, and an ability to work with a diverse set of policymakers and stakeholders as a trusted partner. NIA is known for "deep dives" on important topics and for providing robust and complete information to policymakers.

Job Description:

NIA seeks a highly motivated intern to contribute to NIA's workstreams. The ideal candidate has strong analysis and written communications skills, the ability to understand a technically complex field, and a desire to contribute to climate mitigation and energy security. Candidates with experience and familiarity with nuclear energy, nuclear energy policy, and government policy will be prioritized. This position will assist NIA's Executive Director, Program Managers, and Analysts with project research, analysis, report writing, advocacy, and stakeholder engagement.

Commitment and Compensation:

NIA is looking for a full-time intern to complete 40 hours of work per week throughout the summer. Exact start and end times are flexible, but NIA is ideally looking for interns to start in late May and end in early August. Compensation will be $25/hour for a maximum of 40 hours per week. Hours may be added by mutual agreement.

Responsibilities:

- Conduct research and perform analysis on advanced nuclear energy topics, including advanced nuclear technologies, regulatory frameworks, fuel cycles, market trends, and policy implications.
- Assist with stakeholder engagement, including interactions with advanced nuclear energy companies, customers, investors, NGOs, government agencies, and utilities.
- Cover meetings, hearings, and events for NIA, providing written summaries and key takeaways.

- Track developments in nuclear energy policy, technology, and regulation to inform NIA's workstreams.
- Track and analyze federal and state legislation relevant to advanced nuclear energy, providing updates and summaries to inform NIA's advocacy and research efforts.
- Support the preparation of presentations, briefings, and other materials for meetings with policymakers, stakeholders, and donors.
- Provide administrative support for ongoing projects, including maintaining project documentation and schedules.

Research Project

In addition to the responsibilities described above, the Nuclear Innovation Intern will be responsible for completing at least one research project on their own. The focus of this research project may vary, and could include any number of topics, including the following:

- Innovative licensing strategies for commercial nuclear reactors in the United States
- Modernizing Nuclear Regulatory Commission (NRC) regulation of advanced reactors
- Financing and investor engagement to catalyze public and private interest in funding advanced nuclear energy projects
- RDD&D policy at the U.S. Department of Energy (DOE) and other federal agencies
- Advanced nuclear energy's role in a clean and reliable energy system
- Federal and state-level policy inclusion of advanced reactors
- Advanced nuclear fuel cycle analysis, including high-assay low-enriched uranium (HALEU), and nuclear waste

Qualifications:

- Pursuing a degree in engineering, environmental sciences, energy policy, economics, public policy, sociology, government affairs, or related field
- A working knowledge of the fundamentals of nuclear energy, and nuclear energy policy
- Interest in and enthusiasm for advanced nuclear power as a climate and energy security solution
- Ability to perform *independent* research, analysis, and writing to complete research projects
- Strong verbal and written communication skills

Job Location:

- Flexible. Washington, DC is preferred.

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Nuclear Innovation Alliance is an equal opportunity employer committed to inclusion and diversity. Applicants will receive consideration for employment without regard to: age, color, disability, gender, national origin, race, religion, sexual orientation, gender identity and/or expression, genetic information, Veteran status, marital or family status, or any other classification protected by federal, state, or local law