

## **Danielle Emche Internship Program**

### **Job Title: Nuclear Innovation Intern (December 2022)**

NIA: The Nuclear Innovation Alliance (NIA) is an independent not-for-profit organization working to encourage entrepreneurialism, accelerated innovation, and commercialization of advanced nuclear technologies to mitigate climate change. Its mission includes reducing or eliminating barriers to advanced reactor deployment, protecting public health and safety, enabling supportive policies, and coordinating efforts on policy and commercialization. Through technical, market, and policy analysis, research, convening, and education, NIA informs legislative and regulatory reform as well as programs to bring advanced reactors to market. NIA is funded primarily through charitable grants and philanthropic donations.

NIB: The NIA also hosts The Nuclear Innovation Bootcamp (NIB). The annual NIB introduces select students and early career professionals to advanced nuclear power and the 21st century energy landscape. Over the span of two weeks, participants engage in multi-disciplinary classes and workshops delivered by a broad array of presenters, all while developing group ventures that are ultimately pitched to industry leaders.

### **Job Description:**

NIA seeks a highly motivated intern(s) to contribute to NIA projects and other activities, including NIB. 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. Experience and familiarity with government or industry related to nuclear power is desired, but not required. This position will assist NIA's Executive Director, Project Managers, Nuclear Innovation Analysts, and Nuclear Innovation Coordinator on project research, analysis, report writing, advocacy, and stakeholder engagement.

### **Commitment and Compensation:**

NIA is looking for 1 (or 2) full-time intern(s) to complete 40 hours of work per week for the Summer 2023. Compensation will be \$20/hour for a maximum of 40 hours per week. Hours may be added by mutual agreement. We are also open to part-time interns throughout the Spring and Fall semesters.

### **Position Description**

Reporting to the Nuclear Innovation Analyst(s) and Nuclear Innovation Coordinator, the Nuclear Innovation Intern will be responsible for completing one project on their own and contributing to NIA projects, events, and stakeholder engagement. Possible project areas include:

- Innovative licensing strategies for commercial nuclear reactors in the United States
- Modernizing Nuclear Regulatory Commission (NRC) regulation of advanced reactors
- Financing and investor engagement
- RDD&D policy at the U.S. Department of Energy (DOE) and other federal agencies
- Advanced nuclear energy's role in deep decarbonization
- Federal and state-level policy inclusion of advanced reactors
- Advanced nuclear fuel cycle analysis, including high-assay low-enriched uranium (HALEU)
- Encouraging entrepreneurship
- International export initiatives including market development, regulatory support, and development finance

## **Responsibilities:**

Research, writing, and data analysis

- Perform project-related research, analysis, and reporting (with oversight)
- Assist Analyst(s) and Coordinator in the substance, organization and logistics of NIA workshops, meetings, and events
- Assist with stakeholder engagement, including interactions with advanced nuclear companies, industry organizations, NGOs, government agencies, donors, and utilities
- Cover meetings, hearings, and events for NIA

Administration and Organization

- Assist in communications and outreach, including social media and website
- Assist with the Nuclear Innovation Bootcamp
- Assist in organizational and management activities as needed
- Other tasks as assigned by the Executive Director

## **Qualifications:**

- Pursuing a degree in engineering, environmental sciences, energy policy, economics, public policy, sociology, government affairs, or related field
- Interest in and enthusiasm for advanced nuclear power as a climate mitigation solution
- Strong verbal and written communication skills
- Research and analytic skills to contribute to research reports, white papers, regulatory comments, and other analysis under supervision
- Commitment to treating others with consideration and respect, consistent with a positive work environment
- Strong organizational skills and attention to detail

## **Job Location:**

- Flexible

**Interested candidates should submit their resume and cover letter through the [online submission form](#), by January 31st, 2023 at 11:59 PM ET.**

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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*