

Job Description – Business and Economics Program Manager

September 2023

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 federal policy and financing. 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.

NIA seeks a highly motivated program manager and researcher to support and direct NIA's business and economics program and broaden the NIA's core expertise. The ideal candidate will have a background in energy economics or finance, with expertise in project costing, investment, and trade issues. By leading and coordinating market and policy analysis and advocacy, this position will help bring advanced reactors to the market to mitigate climate change.

Position Description

Reporting to the Executive Director, the Program Manager will be responsible for managing, executing, and/or assisting with NIA research projects, events, and stakeholder engagement.

Depending on the candidate's background and interests, possible topics include:

- Advanced nuclear energy's role in society-wide deep decarbonization
- Construction and operating costs of advanced nuclear energy technologies
- Impacts of federal and state policy on nuclear power plant deployment and economics
- New nuclear project cost modeling
- Financial risk mitigation strategies for early movers on advanced nuclear projects
- Opportunities for nuclear energy to contribute to ESG strategies
- Industry commercialization and supply chain initiatives for advanced nuclear energy
- Supply chain and market constraints on advanced nuclear energy deployment
- Engagement with potential developers, customers, and investors in new nuclear energy
- Domestic export initiatives including market development, regulatory support, export controls, and development finance
- Market opportunities and business models for new advanced nuclear energy projects

Responsibilities

- Research, writing, and project management
- Serve as a substantive expert on advanced nuclear energy economics, industry, and other economic and business issues related to nuclear energy
- Conduct and oversee project-related research, analysis, and reports
- Manage subcontractors and interns
- Coordinate and lead the substance, organization and logistics of NIA workshops, meetings, and events
- Generate and develop ideas for future projects
- Represent NIA at meetings, hearings, and events
- Assist in communications and outreach

- Assist with stakeholder engagement, including interactions with advanced nuclear companies, industry organizations, NGOs, government agencies, policymakers, power companies, and industrial energy users
- Other tasks as assigned by the Executive Director

Qualifications

- BS/BA in economics, energy policy, systems analysis, business, or engineering
- Technical proficiency and technology background in nuclear energy or other highly regulated and technically complex industries; advanced degree preferred
- 3-6 years of experience working on energy economics, energy modeling, energy finance, or nuclear energy
- Interest in and enthusiasm for advanced nuclear power as a climate mitigation solution
- Excellent verbal and written communication skills
- Excellent research and analytic skills with demonstrated ability to write coherent research reports, white papers, regulatory comments, and other analysis independently
- Commitment to treating others with consideration and respect, consistent with a positive work environment
- Strong organizational skills and attention to detail

Desirable Qualifications

- Experience in the nuclear industry, particularly with advanced nuclear technologies
- Knowledge of advanced nuclear energy technology and policy

Compensation & Benefits

In addition to a great organization to work for with a very relevant and needed mission, NIA offers extensive benefits including:

- Medical, dental, vision, life and disability insurance as well a retirement plan with a match
- Generous vacation, sick and holiday leave
- NIA has an office in Washington D.C, that most of the staff uses two days a week.
- Salary commensurate with experience

Interested candidates should apply through [THIS LINK](#) by November 30th at 11:59 PM(ET).

Nuclear Innovation Alliance is an equal opportunity employer committed to inclusion and diversity. Applicants will receive consideration for employment without regard to: age, 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.