

Executive Director of the Virginia Modeling, Analysis, &
Simulation Center
Old Dominion University

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Posted Oct. 1, 2024, set to expire Jan. 31, 2025

Job Title	Executive Director of the Virginia Modeling, Analysis, & Simulation Center
Department	VIRGINIA SIMULATION CNTR
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Oct. 1, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Senior Executive Officer
Academic Field(s)	Computer/Information Sciences
Job Website	https://jobs.odu.edu/postings/21720
Apply By Email	
Job Description	

Job Description

The Virginia Modeling, Analysis, & Simulation Center (VMASC) at Old Dominion University seeks an Executive Director with strong visionary leadership and innovation skills in Modeling and Simulation (M&S) and data analytics to grow this internationally recognized center. Responsibilities include guiding VMASC's research initiatives, strategic planning, and operational activities and enhancing its reputation and financial sustainability. The Executive Director will lead Old Dominion University, regional, and statewide efforts to build an ecosystem of researchers, problem solvers, and entrepreneurs working in or with M&S and data analytics to solve socially important and economically valuable problems.

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Key Responsibilities:

- Continue and accelerate VMASC growth as a national and international university leader in M&S theory and application in the broader context of emergent technologies such as AI and quantum computing.
 - Develop and implement strategic goals for VMASC in terms of research vision, growth, funding, and outreach.
 - Cultivate domestic and international partnerships with government, industry, and academic stakeholders to expand funded research opportunities.
 - Socialize and promote VMASC's research, and researchers, in various forums, enhancing its reputation as a leader in M&S.

- Champion a culture of research excellence, inclusivity, and collaboration among faculty, staff, and students while engaging actively in mentorship and professional development of VMASC's team.
- Oversee operational, financial, and administrative functions to ensure the center's success and growth.
 - Develop and implement goals that align with the broader objectives of the newly formed Old Dominion University's Office of Enterprise Research Innovation (OERI), of which VMASC is part.
- Promote economic development activities in the region by cultivating university partnerships with businesses and governmental agencies at all levels to exploit M&S-related technologies for commercial and socially responsible purposes.
- Identify and develop opportunities to commercialize intellectual property deriving from research and development activities.
- Engage university faculty in a variety of disciplines in research development activities related to M&S and data analytics, to include leading or coordinating the development and submission of proposals for extramural funding and cultivating intramural research collaboratives.
- Collaborate closely with university Academic Affairs leadership (Provost, Vice Provost, deans, and chairs) to design, field, and promote academic and workforce development programs related to M&S and data analytics.

Position Type Full Time Type of Recruitment General Public Type of Recruitment General Public Minimum Qualifications - knowledge, skills, and abilities

- Demonstrated success in securing funding and managing complex research projects with a significant external funding history. Demonstrated success in development and management of center-

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level grants and research contracts.

- Established network within the funding community (e.g., academic, government, military, industry, foundation).
- Proven expertise in M&S, data analytics, or related areas, with practical application of these skills.
- Deep knowledge of the national and international M&S research landscape.
- Demonstrated commitment to research and mentorship, with experience in fostering a supportive and productive research environment.
- Experience in conflict resolution, team development, and promoting leadership qualities in others.
- Excellent communication and interpersonal skills, capable of engaging diverse stakeholders and fostering collaborative initiatives.
- Strong commitment to promoting diversity, equity, and inclusion in the workplace and research practices.

Minimum Qualifications - Education or training

The successful candidate will have a Ph.D. or Master's degree with 10 years of experience in M&S, Data Science, Operations Research, Engineering, Computer Science, or a closely related field.

Minimum Qualifications - Special licenses, registration or certification

The successful candidate will have experience securing research funding, a commitment to research excellence and team development, and the ability to obtain a U.S. security clearance.

Preferred Qualifications

- Previous leadership role in a research center, academic department, or equivalent setting, demonstrating the ability to navigate complex academic and research environments.
- Substantial publication record in peer-reviewed journals, technical reports/publications, and proven active participation in professional associations.
- A record of accomplishment of advocating for faculty, fostering talent development, and contributing positively to a fulfilling work environment.

Contact Information

Please reference Academickeys in your cover letter when



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applying for or inquiring about this job announcement.

Contact

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