Open Rank Assistant/Associate Professor of Operations and Decision Analytics

Location: Stony Brook University College of Business

Open Date:
Nov 13, 2025

Deadline:
Dec 31, 2025 at 11:59 PM Eastern Time

Description

The College of Business (CoB) at Stony Brook University invites applications for a tenure-track/tenured faculty position in analytics beginning in Fall 2026. The rank is Assistant/Associate Professor (Tenure-Track/Tenured). This is a full-time position in the Operations and Decision Analytics (ODA) Area. The ODA area (the home area) at the College of Business includes faculty with diverse research interests and backgrounds. We value a collegial environment and encourage interdisciplinary research. For more information about the Operations and Decision Analytics area, please visit https://www.stonybrook.edu/commcms/business/faculty-research/_research/opresearch-analytics.php.

We seek scholars whose research integrates artificial intelligence (AI) and business analytics, particularly in domains such as information systems, operations management, and operations research. Candidates are expected to apply data-driven and computational methods, such as machine learning, deep learning, natural language processing, computer vision, predictive analytics, and optimization, to address contemporary business problems. Expertise in generative AI, large language models, and/or AI ethics and governance is highly preferred. The successful candidate will demonstrate excellence in research and teaching, with the ability to offer courses at both undergraduate and graduate levels in different formats (e.g., in-person, hybrid, and online).
This position is open only to experienced candidates with a demonstrated record of high-quality research and teaching in analytics or closely related fields.

About Stony Brook University
Stony Brook is New York State's flagship public research university and has been ranked the #1 public university in New York by US News & World Report in recent years. It is part of the State University of New York (SUNY) system, a center of academic excellence and an internationally recognized research institution that offers all students a world-class education. Stony Brook University is a member of the prestigious Association of American Universities (AAU) and is classified as an R1 institution by the Carnegie Foundation, reflecting the highest level of research activity. As a leading institution in STEM, health sciences, and

interdisciplinary research, Stony Brook offers faculty a rich, collaborative environment.

About the College of Business
The College of Business at Stony Brook University is committed to delivering a transformative business education that prepares students for leadership roles in an evolving, technology-driven business landscape. We value interdisciplinary collaboration, an inclusive learning environment, and encourage faculty to incorporate real-world applications that emphasize ethics, innovation, and societal impact. The College offers a combination of graduate (masters and MBAs) and undergraduate programs to over 2300 students, making it a vibrant academic community.
We are committed to fostering a welcoming and respectful academic environment by cultivating a community of scholars where all individuals feel valued. Recruiting faculty with a wide range of talents, skills, backgrounds, and experiences is a key priority. Candidates are expected to demonstrate a clear dedication to this goal by working collaboratively with colleagues to ensure broad access to opportunities, support a variety of viewpoints, and contribute to a climate of mutual respect.

Responsibilities & Requirements:
Key responsibilities and requirements include:

• Conduct high-quality research that leads to publications in top field-specific and interdisciplinary journals, enhancing the reputation of the COB.

• Participation in college administrative and committee assignments, while also providing valuable service to the Stony Brook University community.

• Teaching graduate and undergraduate courses in both traditional and online settings, contributing to the ever-advancing quality of education.

Qualifications

Required Qualifications:
Ph.D. (or foreign equivalent) in analytics or a closely related field (e.g., information systems, business analytics, operations management, management science, operations research, data science, computer science, statistics, etc.) from an accredited institution. At least three years of experience as a tenure-track assistant professor or a higher rank in analytics or a relevant field. A proven track record of active research showing the ability to publish high-quality research in premier business journals. Proficiency in emerging methodologies, specifically including AI and their applications to business and management. An excellent teaching record in analytics-related courses, at the undergraduate and/or graduate level.

Preferred Qualifications:
Preference will be given to candidates qualified for appointment at the Associate Professor level (with tenure), with a demonstrated record of sustained research productivity and teaching excellence. An outstanding track record and/or strong potential to publish in prestigious FT-50 OM/IS journals (e.g., Management Science, Operations Research, MIS Quarterly, Information Systems Research, Manufacturing and Service Operations Management, Production and Operations Management, etc.), and/or in leading journals across different disciplines such as finance, accounting, or marketing. Advanced expertise in AI, machine learning, large language models, and their innovative applications in business and management. Experience teaching in different formats (e.g., in-person, online, and hybrid), at the undergraduate and/or MBA/MS levels, in areas such as information systems, operations management, database, business statistics, data mining, and machine learning. Demonstrated ability and/or strong potential to secure external funding for research and/or educational programs.

Application Instructions

To apply, visit https://apptrkr.com/6729145.

To Receive full consideration, candidates should upload:
• Cover letter
• Qualification self-assessment form
• Curriculum vitae
• Job market paper
• Research statement, teaching statement, service statement
• Teaching evaluations
• A list of working papers and publications.
• Names of three references (to be contacted for all finalists).All application materials will be accepted until the position is filled or closed and must be submitted electronically online through Interfolio.

Please use the Apply Now button to begin your application. For technical support, please visit Interfolio's Support Site (https://support.interfolio.com/) or reach out to their Scholar Service Team at help@interfollio.com or (877) 997-8807.

Stony Brook University is committed to creating and maintaining a workplace and educational environment that is safe, accessible, and free of all forms of discrimination, sexual misconduct or research misconduct, among other infractions. In support of this commitment, certain candidates for employment will be required to disclose such employment-related misconduct findings and pending investigations or proceedings, and final candidates for certain faculty and staff positions will authorize their current and previous employer(s) from the last seven (7) years to disclose such information to the University. Employment is contingent on your full and complete disclosure on these matters. In the event that you fail to disclose any such matter or in the event of an unsatisfactory

outcome of the disclosure and review process, an offer of employment may be revoked at SBU's sole discretion. If SBU becomes aware of a failure to disclose or misrepresentation of any such matter after your employment commences, you may be subject to discipline, up to and including termination.

The selected candidate must successfully clear a background investigation.

In accordance with the Title II Crime Awareness and Security Act, a copy of our crime statistics is available upon request . It can also be viewed online at the University Police website athttp://www.stonybrook.edu/police.

Stony Brook University is committed to excellence in diversity and the creation of an inclusive learning, and working environment. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, familial status, sexual orientation, gender identity or expression, age, disability, genetic information,veteran status and all other protected classes under federal or state laws.