Assistant Professor of Statistics, Operations Research or Applied Mathematics, with Data Science Expertise

LOCATION: United States Naval Academy, Mathematics Department

DATE CLOSES: Open until the positions are filled. Applications received by November 1, 2021 will receive first consideration.

ABOUT THE U.S. NAVAL ACADEMY:

The United States Naval Academy is a unique institution of higher learning located in Annapolis, Maryland (near both Baltimore and Washington, DC). As an historic officer accession program and premier undergraduate university, the United States Naval Academy is unique among American educational institutions. Our talented civilian faculty, officers, and staff are united by the common purpose of developing the next generation of leaders for our naval service. In order to deliver on this promise to our nation, we recruit from all segments of society to find faculty, instructors, and support staff who model the highest professional standards.

The United States Naval Academy is committed to building a diverse workforce who collaborate to provide a multi-disciplinary and hands-on approach to student learning and leadership development. We believe that individuals from diverse backgrounds strengthen our programs and positively impact student success. We encourage qualified applicants from all backgrounds to apply for consideration.

Every year more than one million people tour “the Yard” to experience what our employees already know—the United States Naval Academy is a special place with a special purpose. Those selected for employment will find challenging and rewarding work, state-of-the-art facilities that inspire academic and athletic excellence, the benefits of Federal employment, and an exceptional quality of life.

POSITION DESCRIPTION:

The Mathematics Department at the United States Naval Academy in Annapolis, Maryland, invites applications for tenure-track positions in Statistics, Operations Research or Applied Mathematics with a preference at the Assistant Professor level, to begin in the fall semester of 2022. Candidates with appropriate experience will be considered at a higher rank. The position involves:

1. Teaching approximately 9-10 contact hours per semester with small section sizes (10-25 students) and 2-4 preparations per academic year.
2. Teaching and participating in the development of our new core course in Data Science.
3. Participating in the development of the curriculum of the Academy’s new Data Science major.
4. Conducting and publishing peer-reviewed research.
5. Mentoring undergraduate research projects.
6. Providing service to the institution and department consistent with standards in the academic profession.

The Mathematics Department is the largest department at the Academy, with 40 civilians with PhD’s and 22 military officers with advanced degrees. The department offers majors in Mathematics and Applied Mathematics, Operations Research, and Mathematics with Economics. Faculty members receive
full federal government service benefits. Additional information about the department and the United States Naval Academy is available at www.usna.edu/MathDept/index.php.

MINIMUM AND PREFERRED QUALIFICATIONS

Minimum:

- A PhD in Statistics, Operations Research, Applied Mathematics or a closely related field is required (anticipated completion of Ph.D. no later than June 2022 is acceptable).
- U.S. citizenship is required.

Preferred:

- Candidates with strong potential or demonstrated excellence in teaching, research, and service are preferred.
- Preferred qualities related to teaching include: teaching experience in an undergraduate setting, demonstrated effectiveness in teaching, experience supervising student research, experience mentoring students from underrepresented groups, demonstrated commitment to developing teaching excellence, and evidence of course development.
- Evidence of strong research activity includes publications, presentations, and external grant support, including research in Data Science.
- Evidence of strong service contributions may include: conference organization, outreach activities, significant service activities at the applicant’s current institution, and engagement with professional societies.
- Postdoctoral experience is preferred but not required.
- The Mathematics Department values its diverse faculty and student body. Candidates with a commitment and demonstrated ability to attract and retain students from underrepresented groups (including women) are particularly encouraged to apply.

Required:

All Civilian Faculty Positions at USNA are subject to a background investigation. These investigations are conducted to ensure that individuals hired are trustworthy, of good conduct, and reliable. More information about the background investigation process can be found at the Academic Dean and Provost’s website at http://www.usna.edu/Academics/Faculty-Information/Background-Investigation-Info.php.

HOW TO APPLY:

1. Completed applications received by November 1, 2021 will receive first consideration. Applications will be accepted until the position is filled.
2. The position will remain open until filled.
4. Applicants are encouraged to apply via mathjobs.org. Applications may also be sent to the Mathematics Search Committee at: math-department-hiring-2022-group@usna.edu. Applicants should provide a letter of application, an AMS cover letter, teaching and research statements, a CV, three letters of reference (at least one of which addresses the applicant’s experience and
promise as a teacher), and copies of graduate transcripts. **The letter of application should address qualities described above under Preferred Qualifications.**

5. Applications cannot be accepted by mail.

6. Submit an optional Demographic Information on Applicants Form to rsharps@usna.edu. Your responses will not be shared with the panel rating the applications or to the official making the selection for this position.