

## **Position**

The Department of Mathematics & Statistics in the College of Science & Engineering seeks a dynamic colleague committed to fostering teaching and research excellence and student development in a program that values creativity, collaboration, learner-centered pedagogy, and diversity. The new faculty member will join a collaborative group of 22 mathematics, statistics and mathematics education faculty who serve the entire campus community.

The opening is for a full-time, tenure track Assistant Professor position to begin in fall semester of 2019. The successful candidate will teach nine contact hours per semester supporting the Bachelor of Science and Master of Science programs and maintain an active research agenda as manifested by supervision of graduate students, scholarly publications and grant writing. We expect a candidate to collaborate with the faculty in our department and the College of Science and Engineering in applications of mathematics and/or statistics to engineering, natural and environmental systems, coastal and marine studies, etc. Primary teaching responsibilities will be teaching mathematics/statistics courses at different levels. Other duties include service (both internal in the department and external to campus).

## **Department**

The Department of Mathematics & Statistics in the College of Science and Engineering prepares the University's students to use mathematics and statistics intelligently in their chosen fields of study and to understand mathematics as it affects their lives and participation in public affairs. The BS in Mathematics, as well as the MS in Mathematics Program with its three tracks focused on Applied Mathematics, Statistics and Math Education, provide students with preparation for careers in education, science, and commerce, as well as a solid foundation for further study in mathematics. The Department participates in Ph.D. programs offered by the College and is currently developing an interdisciplinary Data Sciences doctoral program. Faculty actively supervising PhD students teach six contact hours per semester. Our Department is active in a variety of research areas across multiple mathematical concentrations, including analysis, modeling, differential equations, fluid dynamics, elasticity, electro and magneto-static boundary value problems, porous media, fracture theory, Bayesian models, applied and circular statistics, time series, statistical genomics, bio-statistics, optimal control and mathematics education. We also serve our community by providing expertise to local schools, industry and business. Further details are available at [math.tamucc.edu](http://math.tamucc.edu).

## **TAMUCC Statement**

Texas A&M University-Corpus Christi is an expanding, doctoral-granting institution committed to preparing graduates for lifelong learning and responsible citizenship in the global community. We are dedicated to excellence in teaching, research, creative activity and service. Our supportive, multicultural learning community provides undergraduate and graduate students with a challenging educational experience through residential, distance learning and international programs. The university's federal designation as a Hispanic Serving Institution (HSI) provides a foundation for closing educational gaps, while its strategic location on the Gulf of Mexico and on

the cultural border with Latin America provides a basis for gaining national and international prominence.

Apply online at <https://islanderjobs.tamucc.edu>

### **A completed application will include:**

1. A letter of interest addressing qualifications for the position.
2. A current curriculum vitae, including a list of three professional references with names, titles, phone numbers and email addresses.
3. A research agenda.
4. A statement of mathematics teaching philosophy addressing how to contribute to an inclusive and diverse learning environment.
5. Copies of transcripts of graduate coursework.
6. Three letters of recommendations directly sent by the referees to [math@tamucc.edu](mailto:math@tamucc.edu)

### **Candidates should be prepared to provide the following**

- Official transcripts of all post-secondary course work on hiring

### **Open/Closing Information**

Priority consideration will be given to applications received by **Friday, January 04, 2019**. The position will remain open until filled.

### **Minimum Qualifications:**

- Ph.D. in Mathematics, the Mathematical Sciences or Statistics.
- An ongoing scholarly program appropriate for a tenure-track position.
- Evidence of effective classroom instruction.
- Excellent interpersonal, verbal and written communication skills.

### **Preferred Qualifications:**

- A research agenda in the areas of applied mathematics, statistics, and/or data science.
- Breadth and depth of mathematical and or statistical knowledge.
- Experience with grant work or grant writing.
- Publication in scholarly journals.
- Experience working with diverse student populations at the college level.
- Ability to collaborate with colleagues.

- *Texas A&M-Corpus Christi is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer*