

# Data Scientist Mathematics Department | Tenure Track Faculty | I00889

## Posting Details

### Position Details

**Posting Number** I00889

**Classification Title** Full Time Tenure Track

**Working Title** Data Scientist Mathematics Department | Tenure Track Faculty | I00889

**Employee Group** Faculty

**Bargaining Unit** APSCUF

**Location** Main Campus

**Department** Mathematics and Statistics

**Pay Rate**

**Employment Type** Regular FT

**Work Schedule**

### Position Summary Information

#### Position Summary

Slippery Rock University invites applications for a full-time tenure-track faculty member whose primary research area and teaching interests are in Data Science. Expertise in data mining, machine learning, simulation, forecasting, and big data analytics are required. The teaching load is nine credits per semester of graduate courses or twelve credits per semester of undergraduate courses. Faculty will be expected to maintain a scholarly agenda and be able to create and direct capstone projects for graduate and undergraduate students.

The successful candidate must be committed to excellence in teaching, service, and scholarly growth, be able to contribute to our Award-Winning online Master of Science in Data Analytics program, and teach a variety of courses ranging from service courses to advanced statistics/data analytics courses.

Highly competitive salary, benefits, and rank commensurate with experience level.

#### Minimum Qualifications

PhD in Data Science or related field including Statistics, Biostatistics, Operations Research, and Computer Science prior to employment. Applicants must have outstanding communication and interpersonal skills and be able to work collaboratively. Commitment to the education of diverse populations. Successful performance in an on campus interview, including a teaching

demonstration.

**Preferred  
Qualifications**

A Master's degree in mathematics, statistics, or equivalent coursework. Prior college level teaching experience. Evidence of a scholarly agenda. Experience conducting research with graduates and undergraduates. Capability to assist in the expansion of current statistics/data analytics offerings and programs. An interest in establishing industrial or business partnerships, consulting, and workshop development. Experience in, or willingness to learn, non-traditional, active learning pedagogies, and the use of modern pedagogical delivery systems.

**Posting Detail Information**

**Posting Date**

**Closing Date**

**Open Until Filled** No

**Respect for  
Individuals in the  
Community**

Slippery Rock University provides an environment that respects, encourages, and promotes the talents and contributions of all. Slippery Rock University values a community with a shared sense of purpose, where people demonstrate mutual respect and appreciation. Slippery Rock University values diversity that honors and includes all persons regardless of age, creed, disability, ethnic heritage, gender, gender identity, race, religion, sexual orientation, or socioeconomic status in academic and extracurricular endeavor, in the working environment, and in the daily life of the university community.

**Affirmative  
Action Statement**

Slippery Rock University is committed to a policy of affirmative action. Slippery Rock University assures an equal opportunity to all persons without regard to race, color, religion, creed, disability, ancestry, national origin, age, gender or veteran's status in accordance with state and federal laws, including Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973.

**Special  
Instructions to  
Applicants**

Graduate and undergraduate transcripts are required for this position. Transcripts may be uploaded using the online system or submitted to the search chair at the address below. At least 3 letters of reference are also required. They may be submitted by (1) uploading using the online system, (2) providing contact information (specifically email addresses) for references using the online system when solicited to do so as part of the application process or (3) mailing the letters to the search chair at the address below. At least one reference must address your teaching effectiveness.

Dr. Gary Roberts, Search Chair  
Department of Mathematics & Statistics  
200 Vincent Science Center  
Slippery Rock University

Slippery Rock PA, 16057

Official transcripts required prior to employment. Full consideration will be given to applications received by November 23, 2017, but review of applications will continue until the position is filled. A completed application includes an application letter, curriculum vitae, unofficial graduate and undergraduate transcripts, three reference letters, statement of teaching philosophy, and research statement.

## **Applicant Documents**

### **Required Documents**

1. Curriculum Vitae
2. Cover Letter/Letter of Application
3. Teaching Philosophy
4. Other Document

### **Optional Documents**

1. Unofficial Transcripts
2. Unofficial Transcripts 2
3. Professional Reference Letter
4. Professional Reference Letter 2
5. Professional Reference Letter 3