Assistant Professor of Mathematics Education

The Department of Mathematical Sciences at Appalachian State University invites applications for a tenure-track, nine-month faculty position in mathematics at the rank of assistant professor beginning August, 2021.
http://appstate.peopleadmin.com/postings/26768

Job Responsibilities: The job responsibilities include:
- Teaching undergraduate courses supporting the major and the quantitative literacy goal in general education, as well as teaching graduate courses in mathematics and/or statistics at the master's level with a standard teaching load of 18 semester hours per academic year for research-active faculty
- Establishing and maintaining an active program of research or other scholarly activities
- Participating in service activities, which may include working with local, regional, and national professional organizations; planning and assessment; and other activities needed for faculty governance at the department, college, and university levels.
- Additional teaching, scholarship, and service duties include:
  - acquiring and retaining North Carolina teaching licensure
  - teaching a first course in mathematics for elementary preservice teachers.
  - facilitating professional development for teachers
  - applying for and implementing funded projects
  - observing student teachers
  - advising undergraduate secondary education mathematics majors
  - incorporating appropriate technology into mathematics content instruction
  - developing curricula

Qualifications: The minimum qualifications are:
- An earned doctorate by August 2021 in mathematics education is preferred but consideration will be given to applicants with a doctorate in statistics education or mathematical sciences with demonstrated expertise in Mathematics Education.
- A minimum of 18 semester hours of graduate mathematics coursework
- A clear agenda for research and continuing scholarly activity
- Excellent written and verbal communication skills
- Experience in or documented potential for:
  - teaching mathematics, statistics, or other content courses for pre-service and in-service teachers of K-12 mathematics
  - educating students that have varied mathematical experiences and skills
  - pursuing and using a variety of pedagogical strategies in the classroom

Preference will be given to applicants with experience in (or documented potential for):
- Working in K-12 mathematics classrooms
- Having a teaching license in North Carolina (or another state)
- Teaching preservice and inservice mathematics teachers in an online and/or hybrid format
- Helping secondary education mathematics majors understand the connections between high school mathematics and their undergraduate mathematics courses

- Helping K-8 preservice teachers develop a deeper understanding of elementary and middle grades mathematics
- Teaching and mentoring undergraduates from diverse backgrounds
- Supporting ongoing institutional and departmental efforts to build, strengthen, support a diverse and inclusive academic atmosphere in the department, the university, and the community

The Department and University
The Department of Mathematical Sciences consists of 29 tenured or tenure-track faculty, as well as more than 20 full- and part-time non-tenure-track faculty. The department offers an undergraduate degree in mathematics with concentrations in business, computation, life sciences, physical sciences, secondary education, and statistics; an undergraduate degree in actuarial science; undergraduate certificate programs in data science and in sports analytics; and a master's degree in mathematics with concentrations in college teaching and secondary teaching. The department currently has about 250 undergraduate majors and 15 graduate students.

Appalachian State University, in North Carolina's Blue Ridge Mountains, prepares students to lead purposeful lives as global citizens who understand and engage their responsibilities in creating a sustainable future for all. The transformational Appalachian experience promotes a spirit of inclusion that brings people together in inspiring ways to acquire and create knowledge, to grow holistically, to act with passion and determination, and embrace diversity and difference. As one of 17 campuses in the University of North Carolina system, Appalachian enrolls about 19,000 students, has a low student-to-faculty ratio, and offers more than 150 undergraduate and graduate majors. Additional information about the Department of Mathematical Sciences, the university, and the surrounding area is located at: https://mathsci.appstate.edu.

The Application Process: A complete application must include the following materials, and should address the qualifications indicated above.
- a letter of application
- a current vita
- a statement of teaching philosophy
- a statement of plans for scholarship
- graduate transcripts
- letters from three current professional references

Please note this position is based on enrollment and subject to available funding.

All application materials should be submitted by following application instructions available at:
http://appstate.peopleadmin.com/postings/26768
Questions about the application process can be addressed to Dr. Mary Beth Searcy, Chair of the Search Committee, at searcyme@appstate.edu. **The initial review of complete applications will begin on December 14, 2020.**

Appalachian State University is an Affirmative Action/Equal Opportunity Employer. The University does not discriminate in access to its educational programs and activities, or with respect to hiring or the terms and conditions of employment, on the basis of race, color, national origin, religion, sex, gender identity and expression, political affiliation, age, disability, veteran status, genetic information, or sexual orientation. Individuals with disabilities may request accommodations in the application process by contacting Dr. Mary Beth Searcy at searcyme@appstate.edu.

Any offer of employment to a successful candidate will be conditioned upon the University's receipt of a satisfactory criminal background report. Proper documentation of identity and eligibility for employment of the applicant will be required before the hiring process can be finalized.