



The College of Arts, Sciences & Education at Florida International University is seeking applicants to fill the faculty administrative position of Director of Lower Division Introductory Mathematics. The person occupying this position will plan, direct, and supervise the administrative and operational activities of all lower division, introductory Math courses, as well as supervision of the operation and management of the Mastery Math Labs (MML) with the support of the MML Assistant Director.

The Mastery Math Labs were developed through a partnership with the Department of Mathematics & Statistics and the College of Arts, Science and Education to serve lower division mathematics courses at FIU. The Lab implements high-impact, evidence-based instructional techniques to improve the learning and retention of students in courses that lead up to the calculus sequence, serving undergraduates across all of FIU's colleges. The MML is a high visibility cornerstone realizing institutional commitments to sustain work piloted through externally funded project. Among the Lab's successes is the transformation of the College Algebra course that had led to a 40% increase in passing rates for students in the course as well as the launch of related interventions in lower division courses with results in line with the College Algebra project.

The successful candidate will provide leadership for continuous improvement of the lower division mathematics, and work closely with FIU's STEM Transformation Institute and lower division course coordinators to explore and test interventions and pedagogical advances in support of student success; assist the chair in optimizing course schedules; advise and make recommendations for meeting success and retention goals; direct the design and preparation of instructional and assessment materials to be used in the Math Labs; gather data, prepare analyses of interventions for the School Director, Chair, Associate Chair, and Dean's Office; prepare and present reports, grant applications, marketing materials, and training guides.

Preferred applicants should have a Ph.D. in Mathematics, or a Ph.D. in Mathematics Education with an MS in Mathematics; experience in mathematics education reform (preferably in a large-scale, computer-assisted math lab environment); and excellent writing, speaking, interpersonal and organizational skills. This position includes salary commensurate with expertise level.

Qualified candidates are encouraged to apply to Job Opening ID 513357 at [facultycareers.fiu.edu](http://facultycareers.fiu.edu) and attach a cover letter, CV, and a three-page maximum statement describing relevant experience and teaching philosophy as a single pdf file or individual

attachments. Candidates are also requested to provide names and contact information for at least three references who will be contacted upon as determined by the search committee. A copy of the application materials put together in a single pdf file should also be e-mailed to [sish@fiu.edu](mailto:sish@fiu.edu). To receive full consideration, applications and required materials should be received by June 26, 2017. Review will continue until the position is filled.

**FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.**

Florida International University is classified by Carnegie as a “R1: Doctoral Universities - Highest Research Activity” and recognized as a Carnegie Community Engaged university. It is a public research university with colleges and schools that offers bachelor’s, master’s and doctoral programs in fields such as business, engineering, computer science, international relations, architecture, law and medicine. As one of South Florida’s anchor institutions, FIU contributes almost \$9 billion each year to the local economy and is ranked second in Florida in Forbes Magazine’s “America’s Best Employers” list. FIU graduates are consistently among the highest paid college graduates in Florida and are among the leaders of public and private organizations throughout South Florida. FIU is Worlds Ahead in finding solutions to the most challenging problems of our time. FIU emphasizes research as a major component of its mission with multiple state-of-the-art research facilities including the Wall of Wind Research and Testing Facility, FIU’s Medina Aquarius Program and the Advanced Materials Engineering Research Institute. FIU has awarded more than 220,000 degrees and enrolls more than 54,000 students in two campuses and centers including FIU Downtown on Brickell, FIU@I-75, the Miami Beach Urban Studios, and Tianjin, China. FIU also supports artistic and cultural engagement through its three museums: Patricia & Phillip Frost Art Museum, the Wolfsonian-FIU, and the Jewish Museum of Florida-FIU. FIU is a member of Conference USA and more than 400 student-athletes participating in 18 sports. For more information about FIU, visit <http://www.fiu.edu/>.

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