

2017-2018

Inspire the next generation Become a MATHEMATICS TEACHER MENTOR

Applications due
April 30, 2017



S²TLC-II



Supporting STEM Teaching & Learning
through Communities

Seeking **8** exceptionally qualified teachers for this one time only competitive opportunity—ideally two mentors per building (not required)

Benefits

- Paid tuition for 9 UMass graduate credits (Su 2017, F 2017, Sp 2018)
- Stipend of \$5,000 for successful completion
- Development as a STEM Teacher Leader
- Membership within a vibrant group of STEM educators
- Advanced degree potential
- Contributions to improving student opportunity to engage in STEM learning
- Potential professional conference travel funds (i.e., NCTM)
- Professional licensure courses
- Collegiality and FUN!

Join a community of STEM educators who...

- Shape STEM teaching and teacher preparation in Western Massachusetts
- Participate in sustained professional learning opportunities
- Build community partnerships and curriculum resources that support community-connected learning and culturally responsive teaching
- Develop the next generation of STEM educators
- Facilitate professional learning communities (PLCs)
- Co-develop and lead a virtual community of practice (VCoP)
- Support and explore collaborative and reflective teaching practices
- Grow and learn together

Requirements

- Professional licensure in grades 8-12 Mathematics
- Mathematics teacher in high need western Massachusetts school district
- Support of school principal
- Demonstrated success in improving student achievement in mathematics
- Commitment to implementing inquiry-based practices in the classroom
- Commitment to mentor new teacher for entire school year
- Complete three required graduate courses
- Participate in ongoing S²TLC face-to-face and virtual communities of practice focused on reflective practice and improvement of student learning
- Complete all project evaluation components

S²TLC UMass Amherst Management Team

Dr. Sandra Madden
Mathematics Education
smadden@umass.edu

Dr. Paula Rees
Engineering
rees@umass.edu

Dr. Stephen Schneider
Astronomy
schneider@astro.umass.edu

Information & Application

<https://blogs.umass.edu/nsfnoyce>

