Goal is to expose students to a variety positive learning experiences and career options in the STEM fields

Targets middle grades students (grades 5-8) especially females and students of colors

Authentic hands-on STEM learning environments on the University of Kentucky campus

Preservice teacher and graduate students from STEM disciplines assist with camp and gain valuable content knowledge and experience in an informal low-stakes environment

Partner with area school Youth Service Coordinators to recruit and retain underrepresented populations

Area inservice teachers assist with the camp gaining valuable STEM laboratory experience and ideas that they can incorporate into their own classrooms

inspiring the next generation of STEM learners
2014 See Blue STEM Camp by the Numbers

- 143 rising middle grades students
- From 60 different schools across 19 different cities in the Commonwealth
- Camp Staff Included:
  - 1 staff member
  - 20 Preservice Teachers
  - 6 Doctoral/Graduate Students
  - 7 Inservice Teachers
  - 1 High School Student
  - 35 UK STEM and STEM Education Faculty
  - 1 Family Resource Youth Service Coordinator

In the students’ words…

- I liked dissecting the pig because I am now interested in being a pathologist.
- My muscles conduct electricity. Seeing electricity in my arm with the iPad. It was awesome! Everything! I learned a lot and I really enjoyed it! The myosin heads and how they work.
- I learned things that I had never even heard of before.
- It was hands on and new

Read more about their STEM Camp adventures at [www.margaretmohrschroeder.com](http://www.margaretmohrschroeder.com)

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