PRISM at Texas Tech
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Project Goals
- Attract bright students to enroll as math and biology majors at TTU
- Mentor students toward successful careers in mathematical and biological sciences through focused coursework and research
- Increase the number of mathematical and biological degrees earned from underrepresented students

Texas Tech University
PRISM
Proactive Recruitment in Introductory Science and Mathematics

Key Features of our Project
- Cohorts of 12 students selected as incoming TTU freshmen
- Summer Research Weeks
  - 6 high school seniors: PRE-PRISM
  - Hands-on field work
  - Short-term research projects
  - Cohort-building activities
- Special coursework for freshmen
  - Calculus I with biology (fall)
  - Freshmen seminar (fall)
  - Computational biology (spring)
- Research for Sophomores
  - Mentoring by math & biology faculty
  - Presentation of research at conferences

Challenges
- Targeted recruitment of quality students
- Transitioning students from PRISM to other research
- Tracking students upon completion of PRISM

Lessons Learned
- Rebranding of PRISM and PRE-PRISM programs
- Development of the pipeline: high school to TTU
- Professional development of student goals before graduation of PRISM program

About Texas Tech
Texas Tech is a growing research university with about 32,500 students and a newly developed STEM Center. In 2012-2013 TTU was home to the following NSF STEM initiatives:
- GK-12 • Noyce
- I^3 • PRISM
- MSP • S-STEM

Acknowledgement
Special thanks to the National Science Foundation for their generous support of this program.

This material is based upon work supported by the National Science Foundation under Grant No. 1035095.