

Women in Natural Sciences



WINS

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The Academy of
Natural Sciences
of DREXEL UNIVERSITY

Member of the STEM PUSH Network, an NSF INCLUDES Alliance

The Women in Natural Sciences (WINS) Program, is a free summer and after school science enrichment program for high school girls attending the Philadelphia School District (SDP). WINS is fully grant funded. WINS has been housed at the Academy of Natural Sciences of Drexel University for over 40 years. Students join WINS as rising 9th graders and can stay in the program throughout high school and into college.

WINS emphasizes & develops several targeted outcomes, including:

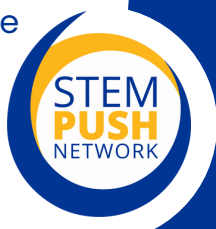
- STEM identity & sense of belonging
- Awareness of STEM opportunities/careers
- Confidence/Agency
- Ability to make connections between STEM content and real-world experiences, especially societal and community problems related to their own background



Students demonstrate these skills through poster presentations, engineering design, and working alongside scientists to understand what it actually looks and feels like to be in the lab and/or field. Students are also provided the opportunity to work within the museum, which allows them to build their work ethic and think about career development.


About STEM PUSH

STEM PUSH, an NSF INCLUDES Alliance, is a national network of pre-college STEM programs who are engaging youth historically underrepresented in STEM to learn & do in-depth, authentic science, and ultimately to persist in STEM through college & beyond. More information available at stempushnetwork.org.



Program Features

Natural Sciences & Engineering



STEM Focus

>1000 hours of STEM through high school years, afterschool and summers

90 students served each year

75% students are under-represented in STEM

WINS works to create a community for a diverse group of young women to be able to learn & explore in ways that strengthen their understanding of STEM. This also means allowing students to show up as the tellers of their own stories and valuing their backgrounds.

Program Results

97% of alumni attend college

86% of college-goers earn undergraduate degrees

Alum attend colleges including:

- Drexel University
- University of Pennsylvania
- Temple University

Connect with WINS!

Contact Kimberly Godfrey
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ansp.org/education/programs/wins/