



# Reaching out to Underrepresented Groups: Successful Initiatives at Minnesota State University

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## Latino Engineering and Academic Day (LEAD)

Large Latino population in Southern MN  
Engineering industry desired increased representation—this was the inaugural effort to reach out to underrepresented Latino communities and students (2010)  
Professional industries partnering with the university for over seven years

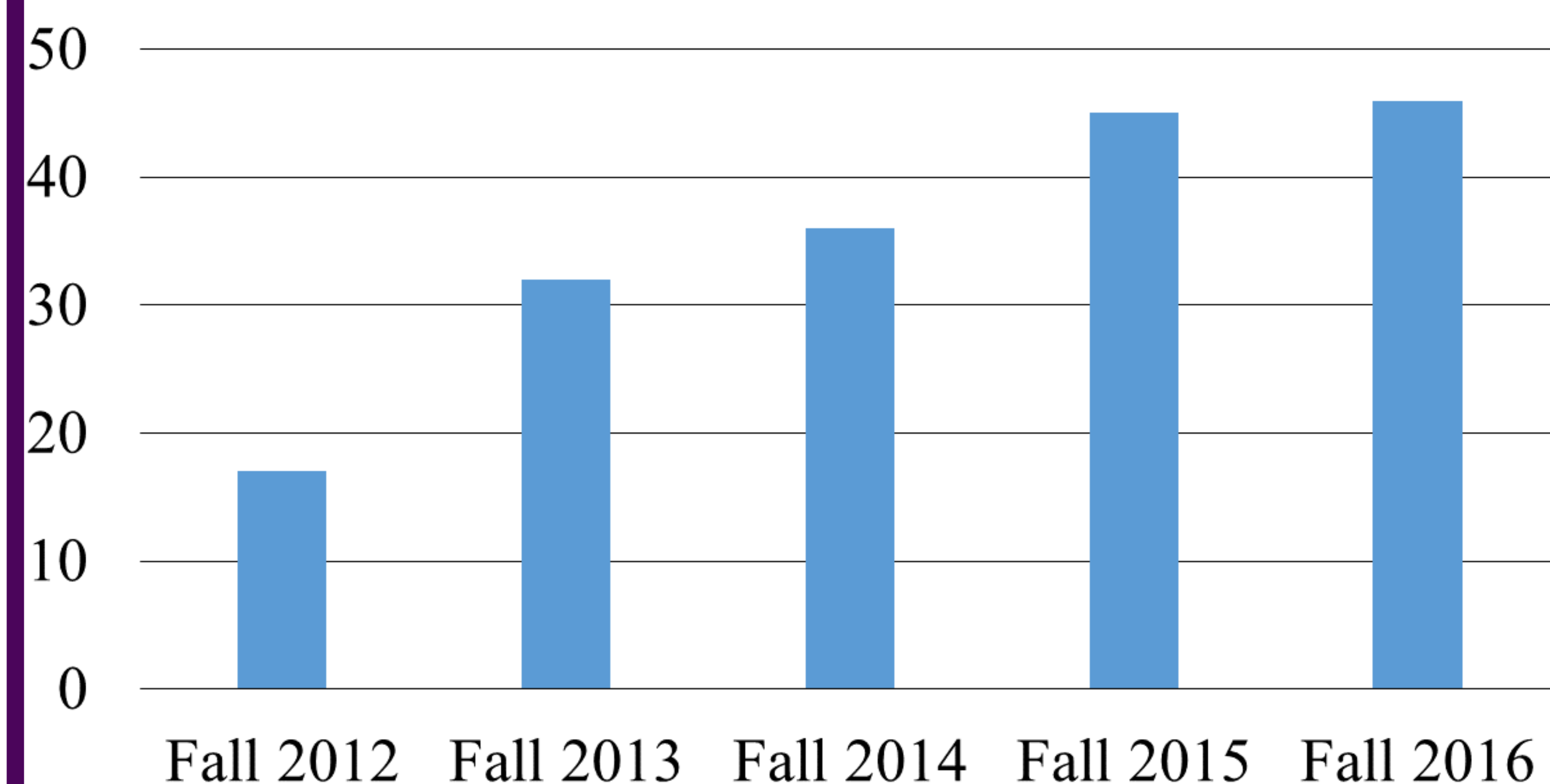
## African-American Engineering and Academic Day (A<sup>2</sup>EAD)

Combination of schools/programs from Twin Cities (Minneapolis/St. Paul) and regional communities  
Travel distance a challenge for some schools (with bus timing logistics, etc.)  
Professional industries partnering with the university for about five years

## Girls Explore STEAM Day

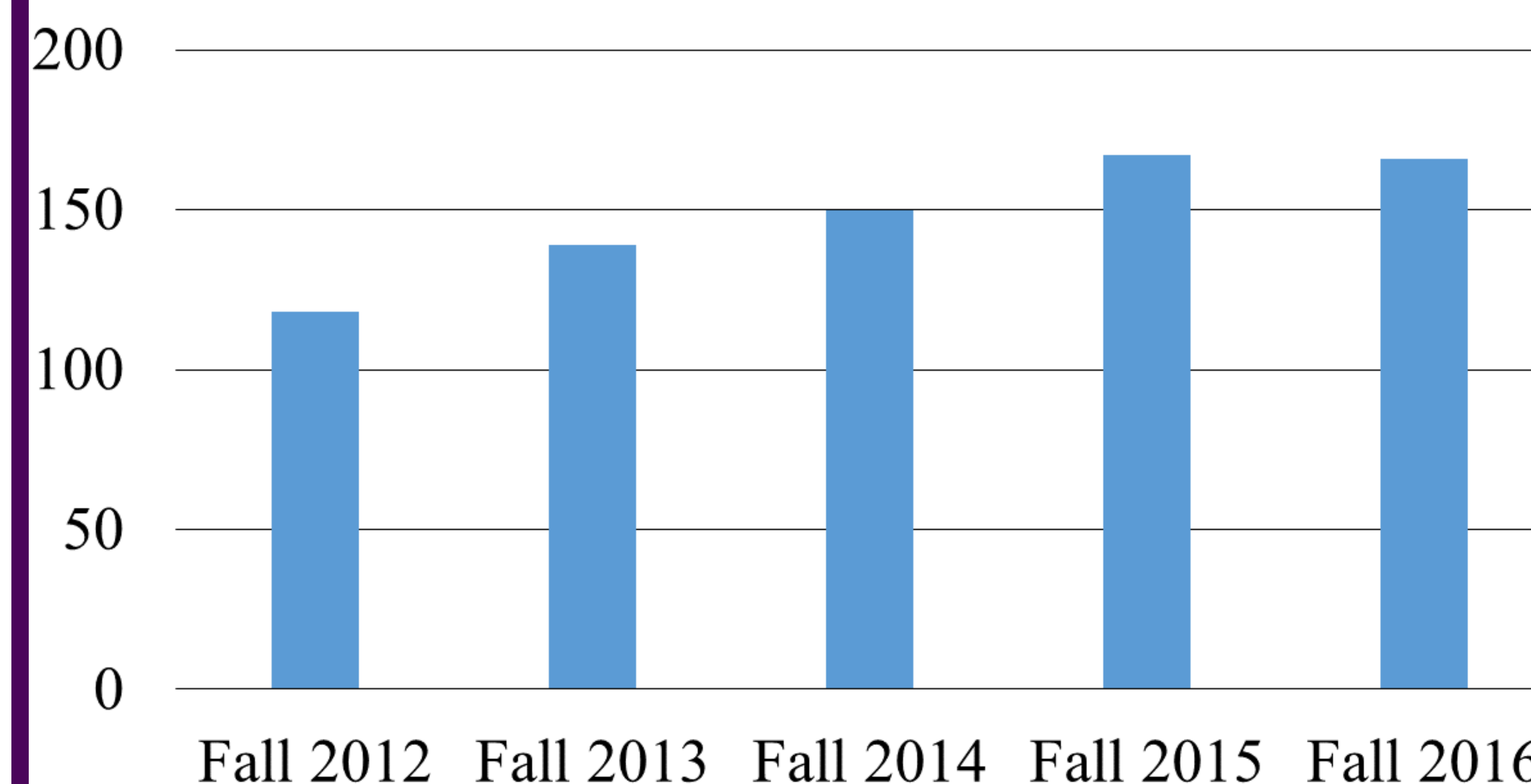
Giving female students a taste of many potential careers with a breadth of demonstrations from STEM disciplines  
Extremely popular since starting a few years ago, with greater demand than capacity and positive feedback  
Professional industries partnering with the university for three years

Program Declarations - Hispanic/Latino Engineering and Engineering Technology Majors



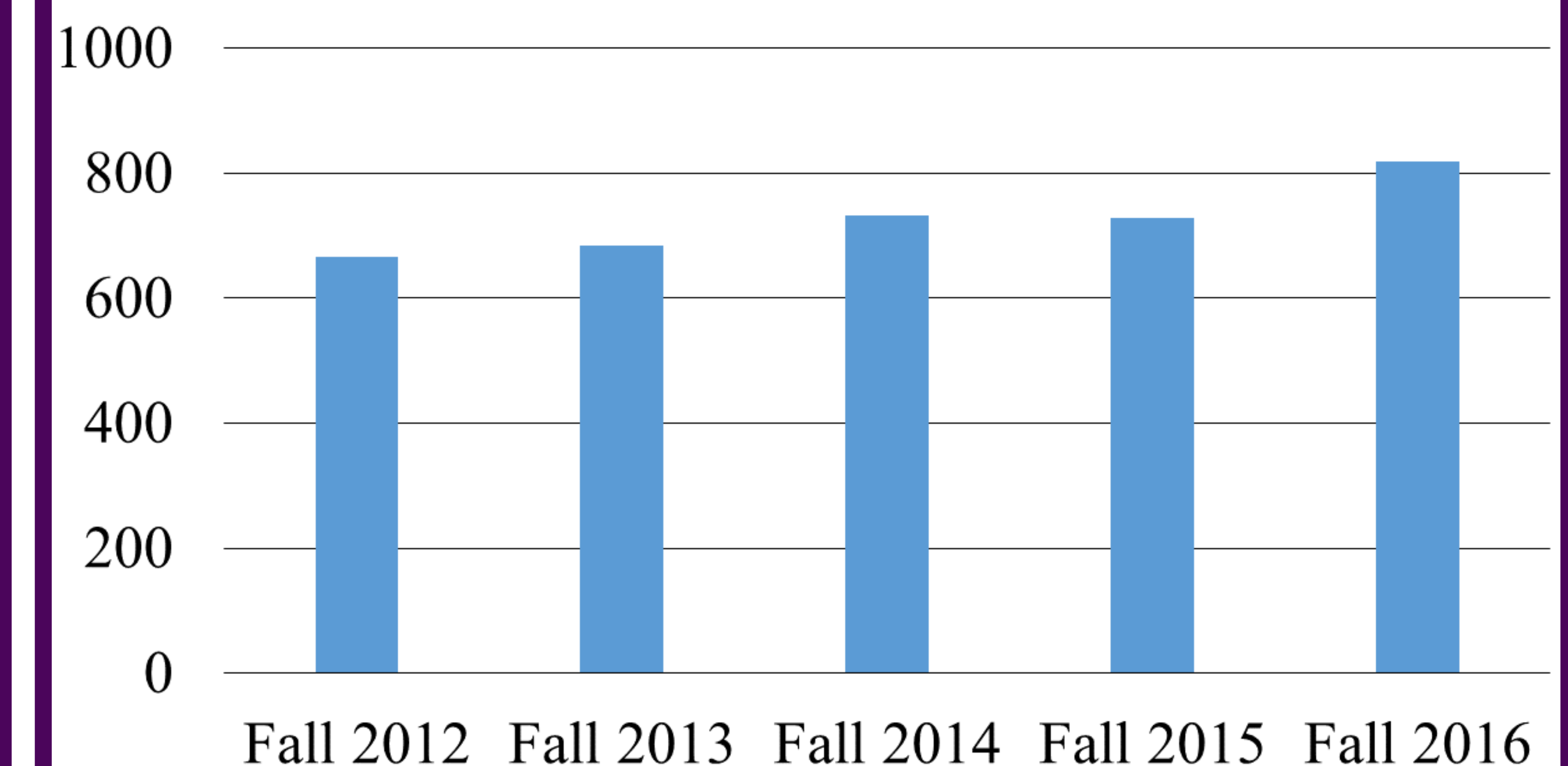
270% Increase in Latino Engineering Students

Program Declarations - Students of Color Engineering and Engineering Technology Majors



42% Increase in Engineering Students of Color

Program Declarations - Female Students All Science, Engineering and Technology Majors



23% Increase in Female STEM Students

“We truly appreciate that this event exists... Thank You and Please, Please continue to provide this event for these students! They are worth it!”