Building the Pipeline for Women in Engineering and Medicine

PERRY OUTREACH PROGRAM

POP began in 2009, as a career exploration and mentoring experience for female high school students focusing on orthopaedic surgery and related engineering professions. POP participants perform 6 hands-on mock surgeries and hear lectures from local orthopaedic surgeons and engineers.

MEDICAL STUDENT OUTREACH PROGRAM

In 2012, the MSOP debuted. A one-evening MSOP includes lectures from practicing female orthopaedic surgeons and two hands-on mock surgery modules. Female medical students interact with local mentors and like-minded peers.

ORTHOPAEDICS IN ACTION

We developed an in-classroom curriculum, OIA, in 2015. OIA is unique, hands-on education for middle and high school STEM classrooms. OIA introduces orthopaedic surgery to the next generation of surgeons and biomedical engineers through lessons matched to national education standards.

200+ POP & MSOP events since 2009

6000+ program alumnae

85% of POP alumnae choose STEM
60% major in biosciences and
25% major in engineering

30% average match rate of MSOP alumnae in orthopaedic surgery residencies

over 100 schools

using OIA kits in STEM classrooms