

Joaquin Bustoz Math-Science Honors Program



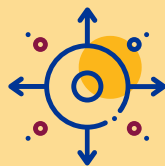
Member of the STEM PUSH Network, an NSF INCLUDES Alliance

Joaquin Bustoz Math-Science Honors Program (JBMSHP) students participate in a residential summer program and take a college-level math or computer science course for university credit. Students also attend academic success sessions to learn about academic & social challenges in STEM, the importance of networking, and mental health coping skills.

Participants attend career panels, receive tutoring & mentoring, and work with success coaches to support their transition to university life with skills for persistence & success.

JBMSHP emphasizes & develops several targeted outcomes, including:

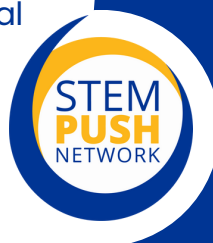
- Math or computer science reasoning & problem solving
- Communication skills
- Ability to work in a collaborative environment
- STEM identity & sense of belonging



Students demonstrate these skills through receipt of college credit & grade for their completed course.

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



STEM Focus

Mathematics or
Computer Science

Six-week math or
computer science college
course

Free for students to
attend; all expenses are
paid by ASU

Equity-based

academic success
programming for
students who are
underrepresented in STEM

210 total program hours

75 students served each
year

Program Results

99% of JBMSHP students **attend
college** (since 2005)

70% of JBMSHP alum **earn
undergraduate degrees**

72% are **first-generation
college students** (since 2013)

Alumni have attended the following institutions:

- Arizona State University
- University of Arizona
- Northern Arizona University
- Stanford University
- Yale University
- Columbia University
- University of California, Berkeley
- University of Notre Dame
- Massachusetts Institute of Technology
- Princeton University
- University of Chicago



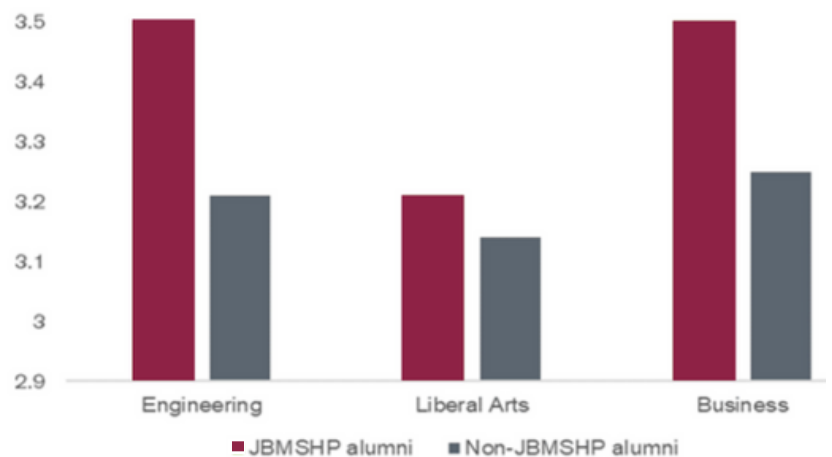
By the numbers: Degrees earned by JBMSHP alumni at ASU

- 1,231** Undergraduate degrees
- 211** Graduate degrees
- 266** Received multiple degrees at ASU
- 212** Earned degrees while enrolled in the Honors College
- 72%** Graduate college with a 3.0 GPA or higher
- 59%** of degrees were earned by females

Joaquin Bustoz Math-Science Honors Program

JBMSHP was established in 1985 at Arizona State University. Since 1985, the program has served 3,035 students, prioritizing students underrepresented in STEM & first generation college bound students.

ASU College GPA for JBMSHP Alumni vs. Non-JBMSHP Alumni



Recent program honors & awards:

- **2021: Inspiring Programs in STEM Award** presented by INSIGHT Into Diversity: recognizes the effort that colleges & organizations have undertaken to empower underrepresented students to succeed in STEM.
- **2016: National finalist for *Examples of Excelencia***, an initiative to identify and promote programs at the forefront of advancing educational achievement for Latino students in higher education.
- **2015: Pathways to Postsecondary Integrated Impact Award** by the Arizona Commission for Postsecondary Education: recognizes college access programs across AZ that assist students & families.

Connect with JBMSHP!

Contact JBMSHP Director Cindy Barragan-Romero at cynthia.b.romero@asu.edu to schedule a visit.

More information about JBMSHP available at jbmsHP.asu.edu.

