OVERVIEW

AFFILIATES
- More than half of affiliates (57%) have operated 10 or more years. Seventeen (17) affiliates are 5-years-old or younger
- Average affiliate enrolled 141 students (total) & 100 (completed)

STUDENTS

| 10,316 STUDENTS ENROLLED | 6% growth from 2017/18 & 14% growth from 2016/17 |
| 7,276 STUDENTS COMPLETED PROGRAM | 71% (2019), 72% (2018), 75% (2017) |
Students drawn from 1,303 high schools, up 9.7% from previous year

GENDER
66% MALE | 34% FEMALE

MINORITY OR MULTI-RACIAL / ETHNIC
68.9% 2019 ACE Students
47.5% 2018 Secondary Students Nationwide

FIRST-GENERATION STUDENTS
26% 2019 ACE Seniors
14.4% 2018 Seniors Nationwide

MENTORS

4,178 MENTORS AND TEAM LEADERS, an increase of 10% over previous year

$22.4 MILLION, estimated annual value of mentors’ contributed services

COLLEGE

93% OF ACE SENIORS directly entered college. Nationally, 67% of high school seniors immediately entered college after high school (2017)

HIGH RETENTION RATE: 76% OF ALUMNI (class of 2018) continued their A-E-C majors in their sophomore year

89% OF 2018 ALUMNI agree their ACE experience made them better prepared than their college peers

74% OF ACE SENIORS enter college planning to study industry-related majors
- 42%, A-E-C industry-related engineering (e.g., civil, mechanical)
- 27%, Design-related majors (e.g., architecture, landscape architecture, interior design)
- 5%, Construction management
### COLLEGE SCHOLARSHIPS

**Record $2.7 million awarded to 978 students.**

$20 million awarded since ACE’s start

**64% of 2016–18 Alumni** who received an ACE scholarship report it helped “a lot.”

### INTERNSHIPS

**17% of 2016–18 Alumni** report having an internship in the design and construction industry as an ACE student

**Nine Affiliates** have formal internship programs for students and/or alumni. Other affiliates informally arrange internships

### SKILLED TRADES

**64% of students report** ACE gave them hands-on introduction to one or more skilled trades

**Affiliates** introduce trades to students in a variety of ways:

- 44% give students an opportunity to build or construct something
- 57% have trades professionals serving as mentors
- 36% take field trips to apprentice facilities
- 31% have special trades events supplementing regular ACE program
- 11% have one or more teams that primarily focus on trades

### IMPACT

**ACE as Academic Motivator in High School**

89% of students report feeling more motivated to go to college

84% say their ACE experience made their high school studies more meaningful

80% felt more motivated to study in high school as a result of ACE

**Skills Learned or Improved** (% students agreeing)

**Technical Skills and Knowledge**

- Sustainable design, 92%
- Project scheduling, 86%
- MEP infrastructure, 86%
- Basic engineering principles, 86%
- Computer-aided design, 78%

**Work and Life Skills**

- Teamwork, 96%
- Leadership, 94%
- Problem solving, 93%
- Oral and graphic communication, 92%

### Data Sources

1) 2018-19 ACE Affiliate Program Report, completed by all 73 active affiliates. 2) 2019 Student Survey, n = 9,654, 35.4% response rate, +/- 1.8% margin of error, 99% confidence level. 3) 2019 Survey of ACE Alumni from Classes of 2016-18, n = 6,338, 22.4% response rate, +/- 2.5% margin of error, 95% confidence level. 4) U.S. Department of Education, National Center for Education Statistics. 5) ACE Database 6) Higher Education Research Institute, UCLA, 2018 CIRP Freshman Survey.