OVERVIEW

AFFILIATES

- More than half of affiliates (57%) have operated 10 or more years. Ten affiliates are 5-years-old or less.
- Average affiliate enrolled 148 students (total) & 107 (completed).

STUDENTS

<table>
<thead>
<tr>
<th>9,767 STUDENTS ENROLLED</th>
<th>MINORITY OR MULTI-RACIAL/ETHNIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>7% growth from 2016/17 &amp; 12% growth from 2015/16.</td>
<td>ACE 71%</td>
</tr>
<tr>
<td>% STUDENTS COMPLETING PROGRAM</td>
<td>U.S. 58% (secondary students, 2018)</td>
</tr>
<tr>
<td>72% (2018), 75% (2017), 67% (2016)</td>
<td>GENDER</td>
</tr>
<tr>
<td>Students drawn from 1,187 high schools, up 10% from previous year.</td>
<td>66% MALE</td>
</tr>
</tbody>
</table>

MENTORS

| 3,791 MENTORS AND TEAM LEADERS, an increase of 12% over previous year. | $17.9 MILLION, estimated annual value of mentors’ contributed services |

COLLEGE

| 95% OF ACE SENIORS directly entered college or skilled trades program. Nationally, 70% of high school seniors entered college (2016). | TWO-THIRDS OF ACE SENIORS enter college planning to study industry-related majors. |
| LOW DROP-OUT RATE: 79% OF ALUMNI (class of 2017) who are rising sophomores in college will continue their A-E-C majors. | 45%, A-E-C industry-related engineering (e.g., civil, mechanical) |
| 88% OF 2017 ALUMNI agree their ACE experience gave them an edge over their college peers. | 24%, Design-related majors (e.g., architecture, landscape architecture, interior design) |
| | 3%, Construction management |
| | 14%, Other engineering (e.g., chemical) |
| | 14%, Other than A-E-C (e.g., business, liberal arts) |
**COLLEGE SCHOLARSHIPS**

**RECORD $2 MILLION AWARDED TO 908 STUDENTS.**
$17.5 million awarded since ACE’s start.

**60% OF 2017 ALUMNI SCHOLARSHIP RECIPIENTS**
report scholarship helped “a lot.”

**INTERNSHIPS**

**17% OF 2017 ALUMNI** report having an internship in the design and construction industry as an ACE student.

**74% OF AFFILIATES** report they directly or indirectly help students and/or alumni obtain internships.
- 14 affiliates actively try to arrange internships.
- 2 affiliates run organized internship programs.

**SKILLED TRADES**

**65% 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:
- 52% give students an opportunity to build or construct something.
- 43% have trades professionals serving as mentors.
- 34% take field trips to apprentice facilities.
- 26% 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**

**88% OF STUDENTS** report feeling more motivated to go to college.

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

**77%** felt more motivated to study in high school as a result of ACE.

**Skills Learned (% students agreeing)**

**TECHNICAL SKILLS AND KNOWLEDGE**

- Sustainable design, 92%
- Project scheduling, 87%
- MEP infrastructure, 86%
- Basic engineering principles, 84%
- Computer-aided design, 79%

**WORK AND LIFE SKILLS**

- Teamwork, 95%
- Leadership, 92%
- Problem solving, 92%
- Oral and graphic communication, 91%
- Time management, 85%

**ACE’S CONTINUING IMPACT ON ALUMNI IN COLLEGE**

Alumni (2017) in their freshman year of college report ACE has continuing benefits:

**77%** say the life and work skills learned in ACE (e.g., teamwork, communication) remain useful.

**66%** agree the technical skills and knowledge learned in ACE (e.g., computer-aided design, sustainable design) continue to be useful.

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Data Sources: 1) 2018 Affiliate Program Report, completed by all 66 active affiliates. 2) 2018 Student Survey, n = 8,662, 36.6% response rate, +/- 1.4% margin of error, 95% confidence level. 3) 2018 Survey of ACE Alumni from Class of 2017, n =1,877, 24.2% response rate, +/- 4% margin of error, 95% confidence level. 4) U.S. Department of Education, National Center for Education Statistics. 5) ACE Database