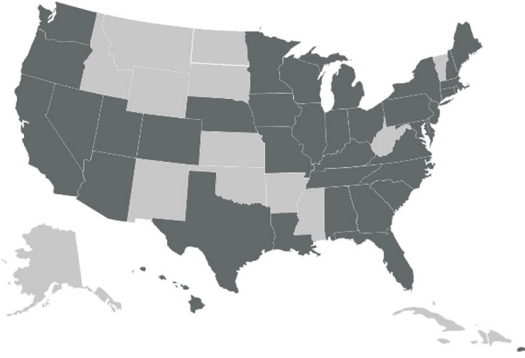


OVERVIEW



AFFILIATES

- **66 IN 37 STATES**, DC and Puerto Rico (2018), 65 affiliates in 34 states plus DC + PR (2017), 63 affiliates in 31 states plus DC + PR (2016)
- 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

9,767 STUDENTS ENROLLED

7% growth from 2016/17 & 12% growth from 2015/16.

% STUDENTS COMPLETING PROGRAM

72% (2018), 75% (2017), 67% (2016)

Students drawn from **1,187 high schools**, up **10%** from previous year.

MINORITY OR MULTI-RACIAL/ETHNIC

ACE 71%

U.S. 58% (secondary students, 2018)

GENDER

66% MALE | 34% FEMALE

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).

LOW DROP-OUT RATE: 79% OF ALUMNI (class of 2017) who are rising sophomores in college will continue their A-E-C majors.

88% OF 2017 ALUMNI agree their ACE experience gave them an edge over their college peers.

TWO-THIRDS OF ACE SENIORS enter college planning to study industry-related majors.

- 45%, A-E-C industry-related engineering (e.g., civil, mechanical)
- 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	INTERNSHIPS
<p>RECORD \$2 MILLION AWARDED TO 908 STUDENTS. \$17.5 million awarded since ACE's start.</p> <p>60% OF 2017 ALUMNI SCHOLARSHIP RECIPIENTS report scholarship helped "a lot."</p>	<p>17% OF 2017 ALUMNI report having an internship in the design and construction industry as an ACE student.</p> <p>74% OF AFFILIATES report they directly or indirectly help students and/or alumni obtain internships.</p> <ul style="list-style-type: none"> • 14 affiliates actively try to arrange internships. • 2 affiliates run organized internship programs.

SKILLED TRADES
<p>65% OF STUDENTS REPORT ACE gave them hands-on introduction to one or more skilled trades.</p> <p>AFFILIATES INTRODUCE TRADES to students in a variety of ways:</p> <ul style="list-style-type: none"> • 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	
<p>ACE AS ACADEMIC MOTIVATOR IN HIGH SCHOOL</p> <p>88% OF STUDENTS report feeling more motivated to go to college.</p> <p>84% say their ACE experience made their high studies more meaningful.</p> <p>77% felt more motivated in study in high school as a result of ACE.</p>	<p>ACE'S CONTINUING IMPACT ON ALUMNI IN COLLEGE</p> <p>Alumni (2017) in their freshman year of college report ACE has continuing benefits:</p> <p>77% say the life and work skills learned in ACE (e.g., teamwork, communication) remain useful.</p> <p>66% agree the technical skills and knowledge learned in ACE (e.g., computer-aided design, sustainable design) continue to be useful.</p>
<p>SKILLS LEARNED (% students agreeing)</p> <p><u>TECHNICAL SKILLS AND KNOWLEDGE</u></p> <ul style="list-style-type: none"> Sustainable design, 92% Project scheduling, 87% MEP infrastructure, 86% Basic engineering principles, 84% Computer-aided design, 79% 	<p><u>WORK AND LIFE SKILLS</u></p> <ul style="list-style-type: none"> Teamwork, 95% Leadership, 92% Problem solving, 92% Oral and graphic communication, 91% Time management, 85%

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**