

An Introduction to:

ACE MENTOR

CT

Engage Excite Enlighten

TODAY'S HOST



Dan Thornton

Associate Principal
JCJ Architecture
ACE Hartford Chapter Co-Chair



AGENDA

01

Introduction to ACE

02

Session Structure

03

Mentor + Alumni Spotlight

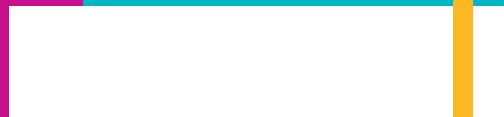
04

Next Steps



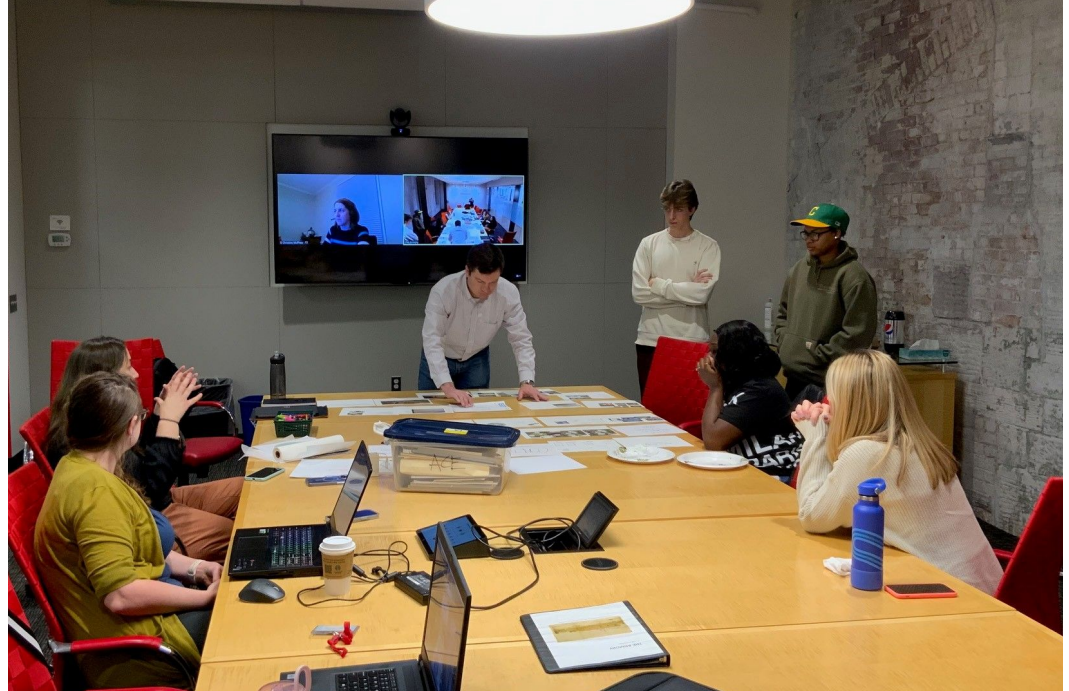
01

An Introduction to ACE



WHAT IS ACE?

- A volunteer after-school program for high school students, grades 9-12
- An opportunity to experience construction industry professions
- Gaining mentorship from knowledgeable professionals
- Exciting hands-on activities
- Designing a project as a team



ACE MENTOR PROGRAM FACTS



The ACE Mentor Program of America (ACE) was created in 1994 by the integrated design and construction industry to meet its future workforce needs.

Today, this industry's leaders guide, sponsor, and run ACE at the National and local levels.

- ACE's 77 affiliates operate in 37 states, the District of Columbia, Puerto Rico, and Toronto, Canada.
- The 15-session afterschool program is offered free of charge.

77 AFFILIATES

MENTORS



- 4,100 volunteer professionals from all industry sectors serve as mentors and team leaders.
- The annual value of their in-kind services totals \$22.4 million.

4.1K MENTORS

STUDENTS



- In the 2019-2020 school year, the program engaged over 10,000 students from 1,450 high schools. 71% come from minority and underserved communities. 36% of students are women.
- 3/4 of high school seniors completing ACE enter a college program in architecture, construction, or engineering or enter a skilled craft.

10.1K STUDENTS

SCHOLARSHIPS



- Since its start, ACE has awarded over \$22 million in scholarships to students intending to study industry-related fields in college or enter a skilled craft training program.
- In 2020, 964 students received \$2.6 million in scholarships.

\$22.8 MILLION

ACHIEVEMENTS



ACE and many of its affiliates have earned numerous awards from national and local organizations. Most notable are:

- 2010 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (the nation's highest award for mentoring).
- American Institute of Architect awards for collaborative achievement (2014) and diversity (2018).

LEARN FROM THE PROS

ARCHITECTURE

- Architects
- Interior Designer
- Landscape Architects

CONSTRUCTION

- Construction Managers
- Estimators
- Schedulers

ENGINEERING

- Civil & Structural Engineers
- Mechanical & Plumbing Engineers
- Electrical & Technology Engineers



WORKING WITH ALL PROFESSIONS

- Simulating a real project team with Architecture, Engineering, and Construction professionals
- Opportunity to explore all disciplines
- Looking at a project from all angles; owner, city, design team, construction team
- Trying new methods of communication; CAD, drawings, physical and digital models



WHY JOIN ACE?

- Find your Passion!
- Experience Construction Professions BEFORE College
- Mentorship from Skilled Professionals
- Develop New Skills
- Qualify for Scholarships
- Have Fun!





WHAT'S THIS GOING TO COST?

ACE Mentorship Program
is **FREE** to students.

- Professionals are Volunteers
- Hospitality and Supplies are donated by participating Firms
- Schools and Firms coordinate to provide parking & bus vouchers when required.

\$0





02

Session Structure

SESSION STRUCTURE

- Weekly or Bi-weekly sessions on Tuesdays, Wednesdays, or Thursdays
- Hosted at Professionals' Offices
- Sessions will occur October through February or May



PRESENTATIONS

Career Topics

Construction Management

Architecture

Structural Engineering

Mechanical & Plumbing Engineering

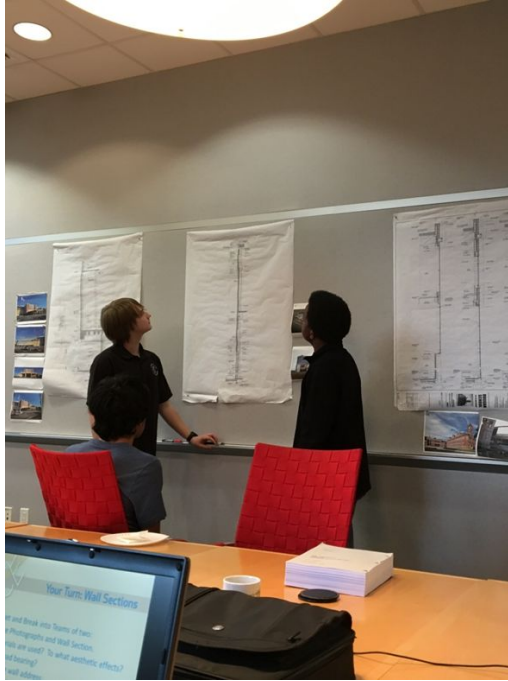
Electrical & Technology Engineering

Civil Engineering & Site Analysis

Landscape Design



ARCHITECTURE ACTIVITIES



ENGINEERING ACTIVITIES



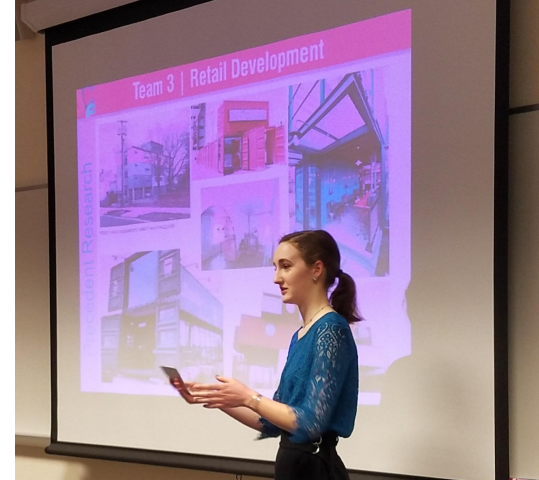
CONSTRUCTION ACTIVITIES



STUDENT PROJECT

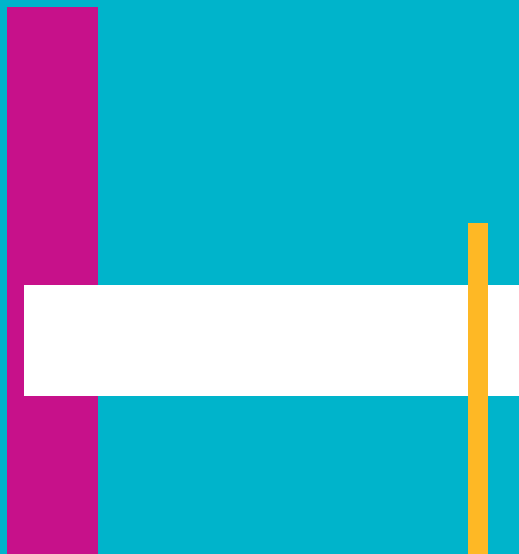
DESIGN A PROJECT WITH YOUR TEAM!

- The Design Project is different for each chapter
- Collaborate on A/E/C design and present to your team
- Specialize your role on the team for your interests
- Present your work as a team at the end of the program
- Submit to the ACE National competition (Optional)



03

Alumni + Mentor Spotlight



Alumni Spotlight – Recent Scholarships



Alex Nguyen

Stratford High School

National Scholarship &
Murray Merl Scholarship

University of Connecticut
Major: Civil Engineering
Minor: Construction Engineering &
Management



Taylor Henry

Granby Memorial High School

ACE CT Scholarship

College: U of Michigan, Ann Arbor
Major: Mechanical Engineering



Matthew Lawton

Avon High School

ACE CT Scholarship

College: Syracuse University
Major: Architecture



Ann Pakhayev

New Canaan High School

CMiC Allen Berg Memorial
Scholarship, Murray Merl
Scholarship

College: Cornell University
Major: Architecture

Alumni Spotlight - Succeeding in College



Emily Fazzina

Wethersfield High School

Murray Merl Scholarship

College: Roger Williams University
Major: Construction Management



Sushil Menon

Glastonbury High School

ACE CT Scholarship

College: Roger Williams University
Major: Architecture



Noah Klim

East Catholic High School

ACE CT Scholarship

College: Quinnipiac University
Major: Civil Engineering



Christina Marcellus

Stratford High School

ACE CT Scholarship

College: University of New Haven
Major: Mechanical Engineering

Alumni Spotlight – Returning as Mentors



Emily Ruggeri

Project Engineer
Turner Construction
Director, ACE Greater
Bridgeport Chapter
Cornell University
Major: Civil Engineering



Timothy Griffing, EIT

Senior Civil Project Engineer
Loureiro Engineering
Associates, Inc.
University of New Haven
BS Civil Engineering
ACE Greater Bridgeport
Chapter mentor and past
student



**Amanda Lamontagne
Maron, AIA, NCARB**

Director, DC Office
Svigals + Partners
Roger Williams University
Major: Architecture



Jesus Amado

Structural Engineer
Pratt & Whitney
College: University of New Haven
Major: Mechanical Engineering

Participating Mentor Firm Spotlight



C.E. Floyd Company, Inc.
general contractor / construction manager



CONSIGLI





04

Next Steps
Questions?
Use the Chat Feature



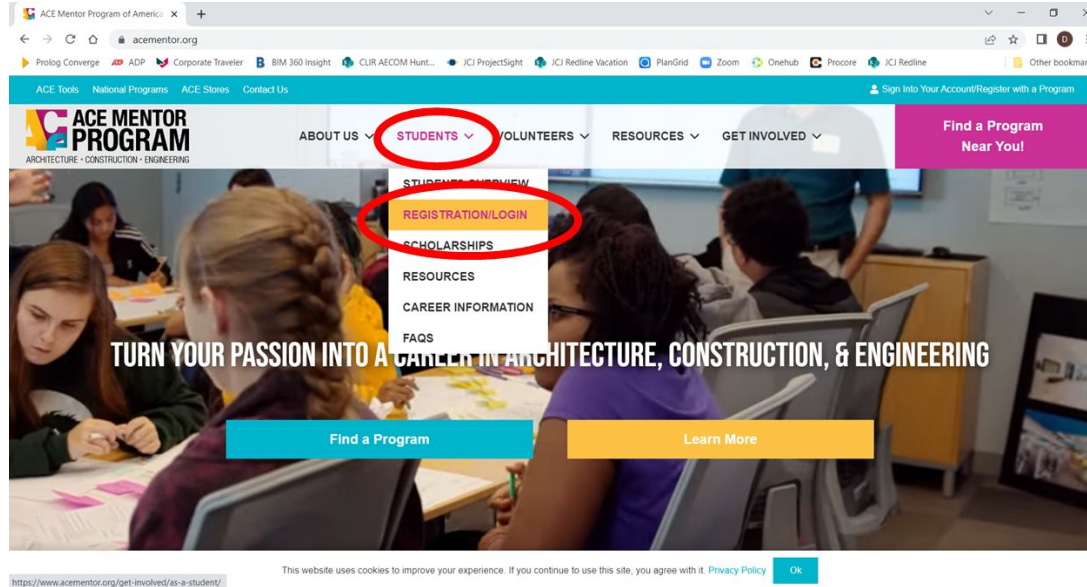
Next Steps

- ✓ Register Today! www.acementor.org
- ✓ Complete the Parent Consent Form
- ✓ Mark Your Calendar: Oct. 11, 17-19, or 26

Questions? Use the Chat Feature



Register at www.acementor.org



Questions? Use the Chat Feature



Class schedules 2023-2024

Hartford at JCJ Architecture

120 Huyshope Ave, Suite 400, Hartford
Every week, October through February
Tuesdays from 4:00 pm to 6:00pm
First Class: 10/17/2023

Bloomfield at BVH Integrated Services

206 West Newberry Road, Bloomfield
Every other week, October through May
Wednesdays from 4:00 pm to 6:00pm
First Class: 10/18/2023

Hartford at Tecton Architects

34 Sequassen Street, Suite 200, Hartford
Every week, October through February
Wednesdays from 4:00 pm to 6:00pm
First Class: 10/18/2023

Middletown At Tighe & Bond

213 Court Street, #1100, Middletown
Every week, January through May
Wednesdays from 4:00 pm to 6:00pm
First Class: 01/10/2024

Questions? Use the Chat Feature





Class schedules 2023-2024

New Haven at Pickard Chilton

980 Chapel Street, New Haven
Every week, October through March
Wednesdays from 5:00 pm to 6:30pm
First Class: 10/11/2023

Bridgeport at Wakeman Boys & Girls Club Madison Ave

595 Madison Ave, Bridgeport
Every other week, October through May
Thursdays from 4:30 pm to 6:00pm
Application Deadline: 10/12/2023
First Class: 10/26/2023

Questions? Use the Chat Feature



Thank you!



Questions? Use the Chat Feature