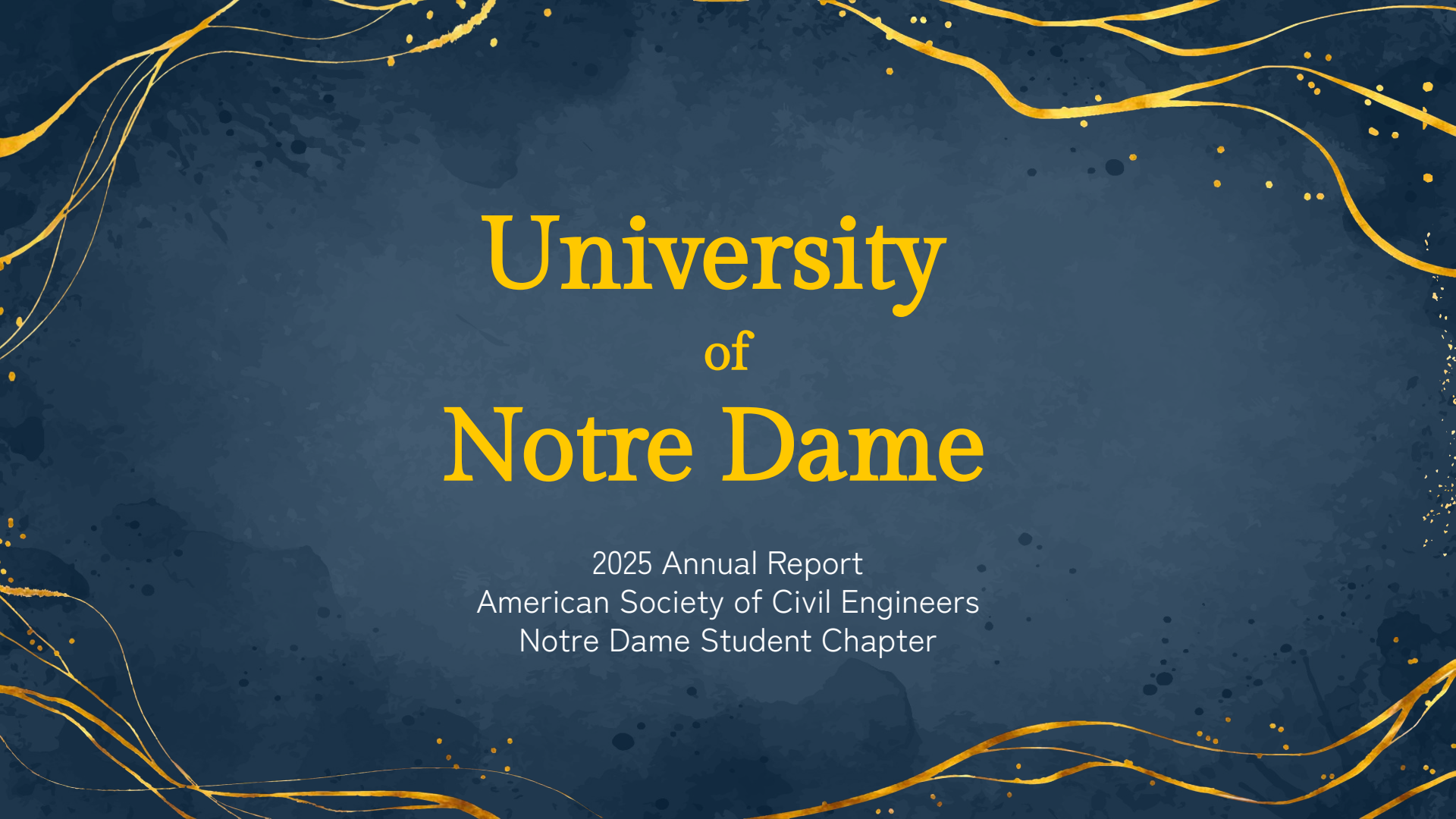




University of Notre Dame

2025 Annual Report
American Society of Civil Engineers
Notre Dame Student Chapter

Student Officers



Nicole Vaccaro
Co-President



**Josnua
Johnson**
Co-President



Zachary Quirk
Vice President



Liam Powell
Treasurer



Alex Morrissey
Secretary



Lauren Price
Public Relations Chair



Lea Garcia
Community Engagement Chair



Nick May
*Concrete Canoe
Project Manager*



Sabrina Schonewise
*Steel Bridge
Project Manager*



**Nicole
Vaccaro**
*Timber Strong
Project Manager*

Advisors



Andrew Bartolini

Faculty Advisor



Noah Hollenback

*Practitioner Advisor
Employer: Abonmarche*

Mission Statement

The Notre Dame ASCE student chapter:

- (i) strives to be a welcoming club where Notre Dame Engineers can find **camaraderie** and **community**;
- (ii) aims to organize a variety of engineering related meetings and events where members can **learn more** about civil engineering, **develop their careers**, and **have fun**;
- (iii) promotes the **academic and overall well being** of its members; and
- (iv) works in concert with the **regional and national** organizations to **register members**, **attend conference**, and strengthen the club.

Goal 1: Broaden Participation and Improve Focus by Reducing Repeat Competitors Across Events

- **Observation** : Competition teams that prepared early for the annual student symposium yielded better results.
 - Most competition teams consisted of members involved in only one or two other competitions.
- **Goals** :
 - Designate captains; meet with them in the fall semester.
 - limit each symposium-attendee to one competition.
- **Method** :
 - Captains were identified based on their **experience** , **previous involvement** , and **leadership skills** .
 - Captains were asked to develop a plan and present an overview of their event at our general meeting.
 - Sign-ups based on preference, previous experience, relevant coursework and demonstrated interest.
 - Designate apprentices for each competition to facilitate smoother transitions from year-to-year.
- **Measurements** : Conference sign-up sheet and team progress tracker.
- **Results** :

	Captains Selected	# of Participants	# of Participants in 2+ events
2025 Symposium	Dec. 2024	70	18
2026 Symposium	Nov. 2025	72	6

Goal 2: Obtain At Least Five Club Sponsorships

- **Observation :**
 - Evident necessity to **bolster ASCE's financial health** due to cost of symposium attendance.
 - Need to foster a **closer relation** with companies and professionals in industry.
- **Goal:**
 - Rework ASCE's Sponsorship Package.
 - Task our treasurer to contact previous symposium sponsors and club partners.
 - Instruct our community engagement chair to organize speaking opportunities.
- **Method :**
 - Send the Sponsorship Package to **at least 10 companies** in the Fall semester.
 - Depending on the sponsorship category, organize speaking engagements at our general meetings.
- **Measurements :** Sponsorships were tracked through the **primary budget sheet** .
- **Results :**

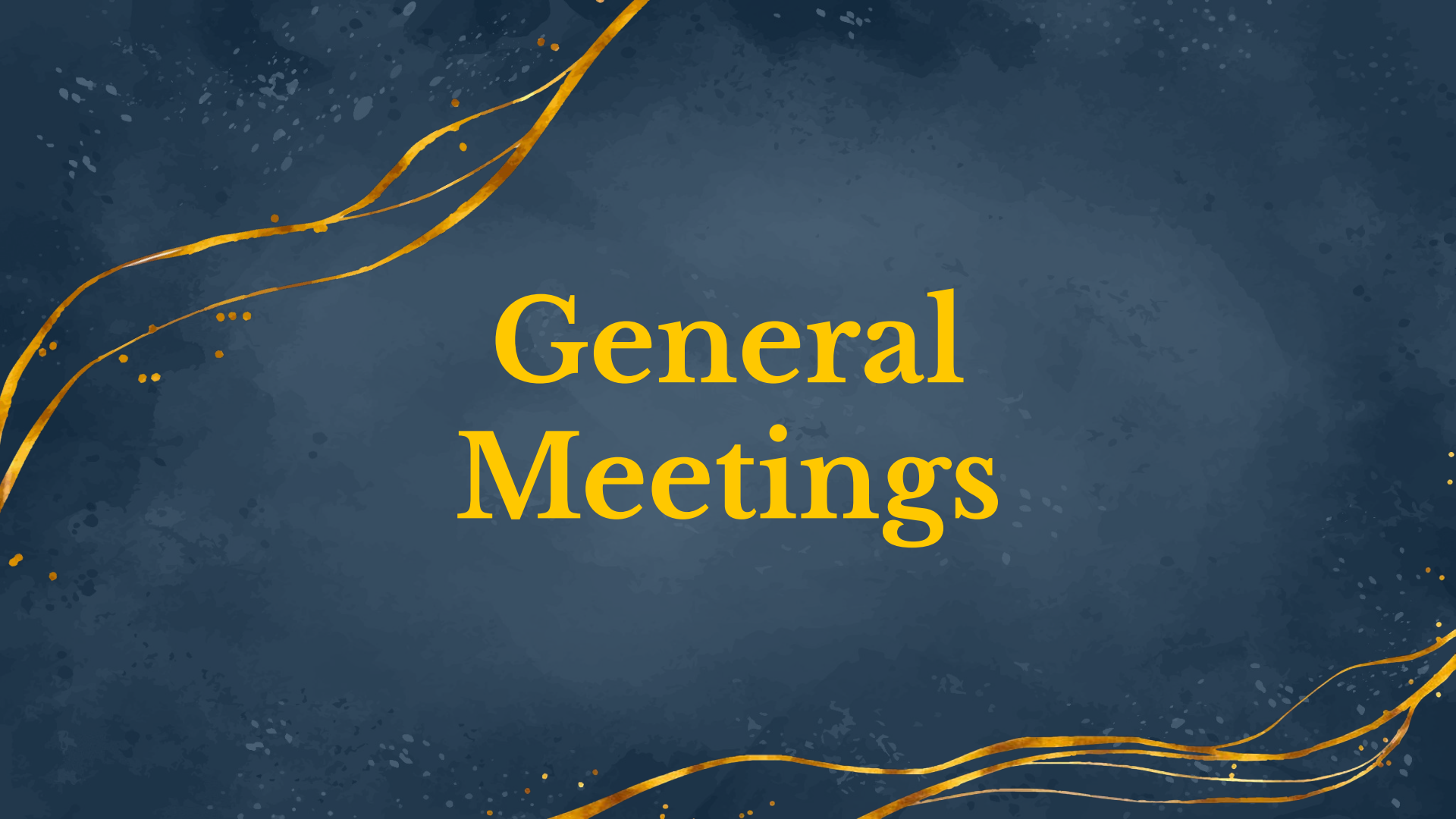
	# of Sponsorships
2024 - 25	2
2025 - 26	8

Goal 3: Increase Underclassmen (First-Year & Sophomore) Participation

- **Observation :**
 - Underclassmen overwhelmingly participate in ASCE at the **beginning** of the school year;
 - This participation **dwindles as the year progresses** .
- **Goal:**
 - Rework ASCE's approach with underclassmen
 - Maintain **consistent involvement** over two semesters.
- **Method :**
 - Designate general meetings and social events as specifically **intended for first-year students**.
 - **Promote events** in first-year and sophomore classes.
 - Have more than **15 first-year students sign up** for the annual symposium
- **Measurements :** A general **attendance tracker** was created, in addition to maintaining attendance forms.
- **Results :**

	Average General Meeting Attendance	Number of Students Registered for IN-KY Symposium
2024 - 25	FY: 16 SO: 15	FY: 15 SO: 24 *
2025 - 26	FY: 21 SO: 12	FY: 18 SO: 11

** NOTE: The Notre Dame ASCE Student Chapter hosted the 2025 ASCE IN-KY Student Symposium, which significantly lowered the barrier for students to register/attend.*



General Meetings



January General Meeting

January 22, 2025 - 50 members (2024: N/A)

Semester Review

Fall semester recap, merchandise sale

Speaker Series

Speaker: Patrick McCallister (WSP)

Topic: transportation and right-of-way acquisitions.

Activity

ND/Civil Scattergories

New Meeting!

Additional meeting (compared to 2024) to kickstart the spring semester





February General Meeting

February 11, 2025 - 59 members (2024: 53)

Semester Review

Conference registration and logistics

Speaker Series

Speaker: Brian Tracy (Ausino)

Topic: Generative AI in the construction industry

Activity

Guess the number of candy hearts in a jar





March General Meeting

March 4, 2025 - 50 members (2024: 42)

Semester Review
2025-26 officer elections

Speaker Series

Speakers: Caitlin Wyant and Noah Boyd (Wightman)
Topic: Site development



Activity
ASCE member baby Kahoot



April General Meeting

April 1, 2025 - 67 members (2024: 42)

Semester Review

Conference logistics, new officer introduction,
ND Day

Activity

Civil x ND Jeopardy





May Send Off Meeting

April 30, 2025 - 45 members (2024: 30)

Semester Review

Senior cords, conference team pictures,
Concrete Canoe PM knighting

Activity

Civil x ND themed scavenger hunt





September Kick-Off Meeting

September 4, 2025 - 64 members (2024: 77)

Semester Review

Introduction of ASCE and officers

Speaker Series

Speaker: Velena Hernandez (ND's Career Center)

Topic: Professional development resources

Activity

Annual paper airplane competition
and 3D printed bridge assembly



AMERICAN
STRUCTUREPOINT
INC.



October General Meeting

October 7, 2025 - 43 members (2024: 66)

Semester Review

Discussed trip to Indianapolis, Concrete Canoe, Steel Bridge, Timber Strong, and Shear Studs

Speaker Series

Speakers: Jennifer Vinson and Tatiana Boehning
Topic: American Structurepoint projects

Activity

Family Feud



November General Meeting

November 4, 2025 - 43 members (2024: 54)

Semester Review

Discussed Concrete Canoe quarter cast progress and upcoming annual bowling night

Speaker

Speaker: Makenna Sheets (JPR)
Topic: Project development process

Activity

Building the tallest tower of toothpicks and candy corn that can support the weight of the "Steel Bible"





December General Meeting

December 3, 2025 - 59 members (2024: 40)

Semester Review

Advertised ASCE merchandise, conference scheduling,
and overview of all events

Activity

Tallest tower of graham crackers and frosting



The background is a dark blue, textured surface with numerous small, light blue and white speckles. Two prominent, flowing gold lines, resembling liquid or smoke, sweep across the frame from the top left towards the bottom right. The text is centered in a bold, gold, serif font.

Club Events & Site Tours

Ice Skating

January 14, 2025 - 15 members



- Semester **kick-off event**
- **Ice-skating event** at Howard Park
- **Student engagement** in a more **casual** setting!



Invited Speakers

January 22, 2025 & September 11, 2025

- Two speakers outside of general meetings.
- Average attendance: **~10 students**
- **Patrick McCallister** (WSP)
- **Jack Mowat** (Martin/Martin)



Engineers Week Karaoke

February 21, 2025 - 10 members



- Hosted during **National Engineering Week**
- Supported ND's E-Week programming
- **Karaoke night** open to all engineers
- Engineers of all disciplines met and interacted!



Athletic Facility Tour

February 24, 2025 - 25 members

- Tour the **new football athletic facility**
- Project Highlights:
 - The 150,000 sq. ft. building
 - Used by all 26 varsity sports
 - State-of-the-art training room
 - Medicine facility
 - Dining hall

ACSE North Central Branch Meeting

March 24, 2025 - 10 members
+ 17 ASCE Indiana Branch Members



- Co-Hosted **ASCE Indiana North Central Branch** meeting
- Presented **2024 ND ASCE Annual Report**
- Three ND **Senior Design Projects** presented
- Informal networking over lunch

Shear Studs Co-Rec Sports Teams

September - November 2025

Attendance: 26



Volleyball



Flag Football



South Dining Hall Renovation Tour

September 17, 2025 - 22 members

- Tour of Notre Dame's **dining hall renovation**
- Dining Hall is still operation during construction
- Exposure to renovations and their challenges





New Residence Hall Tour

October 1, 2025 - 6 members

- Tour construction of **two new dorms**
- Compared dorms' similarities and differences
- Observed consistent collegiate **gothic campus architectural** style
- The two dorms will increase on-campus residential capacity by **445 people**





Indianapolis Site Visit

October 31, 2025 - 16 members

- Tour with **AECOM Hunt** of the **Hilton Signia Hotel** in downtown Indianapolis (40+ stories)
- Lunch & Office Visit at **WSP Indianapolis Office**
- Office Visit at the **American Structurepoint Headquarters** (Carmel, IN)
- An all-day opportunity to **interact with construction project managers, road, civil site, and structural engineers** of varying experience.



Bowling Night

November 11, 2025 - 12 members

- Hosted **annual bowling night**
- Casual environment to meet and interact
- **25% of attendees** were new members!



Project Teams



Concrete Canoe Casting Day

February 2, 2025 - 20 members

- Casting nearly **20 ft long concrete canoe**
- **All ASCE members invited** to participate
- Casting Day by the Numbers:
 - 25 batches of concrete
 - 2 layers of reinforcement
- Second year using a “male” mold





Steel Bridge Build Day

March 25, 2025 - 6 members

- **Practiced steel bridge construction**
 - Simulated build day conditions
- **Preparation :**
 - Labeled members
 - Ensured bolts and wrenches were in good condition
- **Goals:**
 - Minimize construction time
 - Minimize construction mistakes!
 - Develop build team chemistry!

Timber Strong Build Day

March 30, 2025 - 8 members



- **Practiced timber strong design construction**
 - Simulated build day conditions
- **Preparation :**
 - Established construction sequence
 - Assembled two story structure
 - Layed out screws, nails, and sheathing locations



Community Service

Science Alive

February 10, 2025 - 7 members
17 person hours



- 10% member participation
- Hosted at **St. Joe County Public Library**
- Ran an **interactive exhibit**
- **IMPACT** : Connected with young children and their families in the **South Bend community**



Adopt-A-Highway

March 22, 2025 - 15 members
30 person hours

- **21% member participation**
- Participated in clean up on Indiana Route 23
- **IMPACT** : Cleaning up the surrounding area created a **safer and healthier environment** for South Bend residents



Student Conferences



2025 ASCE IN-KY Student Symposium

April 3 - 5, 2025 - 400+ participants
12 schools, 330+ students, 100+ volunteers/guests



- Competitions on Notre Dame's campus
- 15 total competitions
- Guest visit and address by **Marsha Anderson Bomar, Ph.D, ASCE President-Elect**
- 29 student coordinators
- 24+ alumni judges, volunteers, supporters
- 34 sponsorships
- Opening Banquet overlooking **ND Stadium**
- Closing Banquet overlooking **St. Joseph River**

2nd Place Overall

2025 IN-KY Student Symposium



Water Treatment
1st Place



3D Printed Bridge
1st Place



**Concrete
Cornhole**
1st Place



**Concrete
Canoe**
2nd Place



Trivia
1st Place



Transportation
2nd Place



Timber-Strong
3rd Place



**Construction
Inst.**
2nd Place



**Sustainable
Solutions**
3rd Place



**Symposium
Paper**
3rd Place

*NOTE: This was all accomplished while hosting the
2025 ASCE IN-KY Student Symposium!*

Civil Engineering Professional Development Seminar

November 11, 2025

Attendance: 2

- Officers traveled to **Purdue University**
- **Networked** with regional professionals



Thank You!!

Questions?

asce.nd.edu

156 Fitzpatrick Hall
Notre Dame, IN 46556



Notre Dame ASCE

@notredame_asce

Notre Dame Student Chapter of
American Society of Civil Engineers