



University of Notre Dame

Annual Report for
American Society of Civil Engineers Student
Chapter



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Student Officers



PRESIDENT
Gabriel Brown



VICE PRESIDENT
Jack Mowat



TREASURER
Conor Milligan



EVENTS CHAIR
Emily Yoo



PUBLIC RELATIONS OFFICER
Mia Lochhead



CONCRETE CANOE PM
Kevin Deye



ASCE

ADVISOR

- Andrew Bartolini, Ph.D.
- Assistant Teaching Professor, Dean's Office (College of Engineering)
- Concurrent Assistant Teaching Professor, Civil & Environmental Eng. & Earth Sciences
- 208C Cushing Hall Notre Dame, IN, 46556





Chapter Recognition

- \$1000 Check from IN Section
- No other recognitions (no conference recognitions due to pandemic)



Mission Statement

The Notre Dame ASCE student chapter strives to be a welcoming club where Notre Dame Engineers can find camaraderie and community; 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; promotes the academic and overall well being of its members; and works in concert with the regional and national organizations to register members, attend conference, and strengthen the club.

Goal: Participation and Events

- In spite of the COVID-19 pandemic looming large over our club's activities. We were determined to hold safe in person events to promote continued participation and provide social opportunities for our members.
- Though in person events were not possible for the first month of the semester, we were still able to host two in person monthly meetings for members.
- Between club meetings and concrete canoe, we succeeded in fulfilling our mission statement in part by providing these opportunities for engagement despite the unusual circumstances.





Goal: Speaker Series

- At the start of the 2020-2021 academic year the club kicked off a career speaker series to further engage members and to provide opportunities for members to learn more about different career paths in civil engineering.

THE TALKS

- Our first speaker, Notre Dame graduate **Shannon Warchol**, shared her career experience in transportation engineering and research with the club.
- The club is eager to continue this series in 2021 and has already begun to line up speakers for the new year, including the **Dr. Culligan**, the new Dean of the College of Engineering at Notre Dame!



Goal: Update the Website

- The club website was becoming out of date and was underutilized.
- We were able to clean it up in appearance and begin adding new and updates resources and relevant information.
- It now serves as an easy place to find important dates, club materials, officer bios, and more!



General Club Meetings

- January Meeting
 - January 23, 2020
 - ~15 attendees
 - Gave an update on Concrete Canoe as well as plans for the conference in Madison (cancelled)
 - Took interest on the upcoming bowling night
- April Meeting
 - Over Zoom
 - Gave a recap on the different events and cancellations of the semester
 - Introduced our new academic advisor
 - Voted for new officers for the 2020-2021 school year

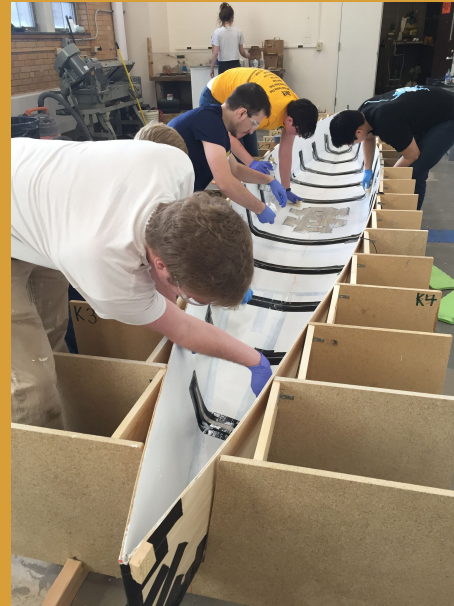
Concrete Canoe Casting Day

- February 2nd, 2020
- 20 attendees
- Split into two groups: one mixing the concrete and the other casting the canoe using the prior made mold
- The theme was **Kanute Rockne** after the famous ND football coach
- Green and white concrete was used to make the canoe resemble a football field



Pre and Post Casting Day Meetings

- **Final mix meetings** for the 2019-2020 canoe to test the mix that was iterated in the fall
- **Batching meetings** to set aside the materials and streamline the process on casting day
- **Final structural meetings** to finish the mold as well as **demolding meetings** after the canoe was cast and set



Bowling Night

- February 19, 2020
- 17 attendees
- At Chippewa Bowl in South Bend
- Club paid for members to have a fun night bowling with each other



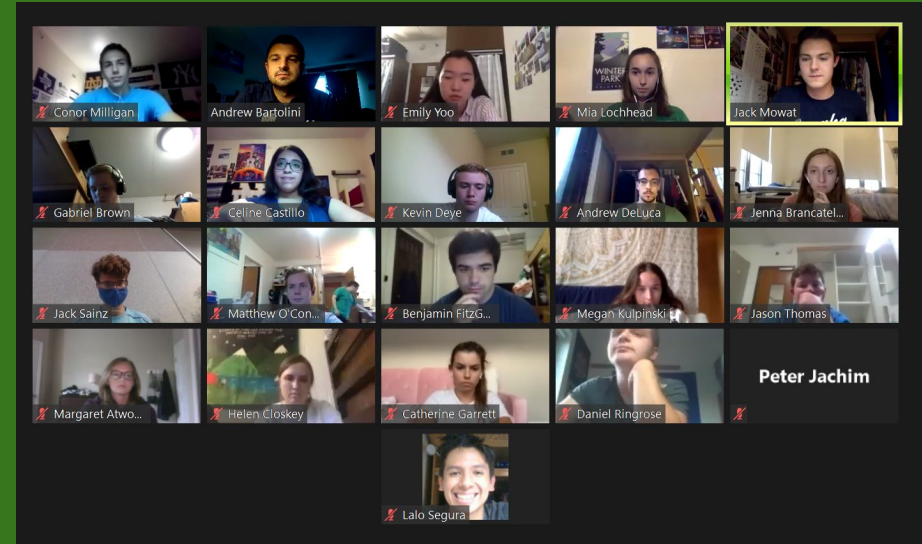
Fall Canoe Meetings

- Preliminary meetings over the summer and early in the semester to plan the canoe and process
- Numerous mix design meetings to iterate and test the proposed mixes
- Weekly virtual meetings over winter break to discuss the next steps and plan the structural components of the canoe



Initial Zoom Meeting

- August 25, 2020
- 21 attendees
- The officers and some of the returning and new ASCE members met briefly over Zoom to discuss the plans for the club for the year. The goal was also to also take any ideas from members about the club during COVID-19



Kickoff Meeting

- September 24, 2020
- 34 attendees
- Our kickoff meeting for the semester took place outside socially distanced on ND's North Quad
- We introduced the officers and gave background for the clubs different activities such as concrete canoe
- As part of an interactive and fun part of the meeting, attendees participated in both a paper airplane and Kahoot Trivia contest with apparel prizes!



October Meeting/Speaker Series

- October 29, 2020
- 17 attendees
- General meeting for the month of October taking place in Debartolo Hall
- Gave updates on Concrete Canoe, ratified new Constitution, and shared news on ND Day Fundraising
- Gave out candy for Halloween
- Had first member of speaker series
- Alumnus Shannon Warchol shared on her experience in transportation engineering



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Student Conference

- Unfortunately, due to the COVID-19 Pandemic, the 2020 Great Lakes Regional Conference was cancelled.
- We look forward to participating in the virtual 2021 Great Lakes Regional Conference!



Workshop for Student Chapter Leaders

- Due to the COVID-19 pandemic, our student chapter relied on the virtual Workshop for Student Chapter Leaders videos.
- Each officer watched at least one video and took notes for the other club officers.
- The videos that were most relevant to the club were watched by multiple officers.



National Conferences

- Once again, we could not participate in the national conference due to the pandemic, but we hope to do well in our Canoe in the future and qualify for national conference

Community Service Projects

- The student chapter at Notre Dame has a rich history of community service events, including constructing ramps at residences of disabled members of our community.
- Due to the COVID-19 pandemic, we were not able to conduct community service projects this year, but look forward to returning to this rich tradition soon!



Questions ?