

UW ACI STUDENT CHAPTER



UNIVERSITY *of* WASHINGTON

THANK YOU!

WA ACI, Sponsors, Guests, and the Snoqualmie Ridge Staff





History

The Washington ACI Chapter program began in 1962 and won the ACI Excellent Award in 2022 and 2023. In 2022, the University of Washington welcomed the program to campus. Since then, our chapter has grown exponentially, with more students and more opportunities to learn about the industry.

Mission

We are a team of civil engineering and construction management students representing the University of Washington in biannual concrete competitions at the ACI conventions.

We aim to propel our members into the industry through networking, educational tours, and hands-on projects.



Vision

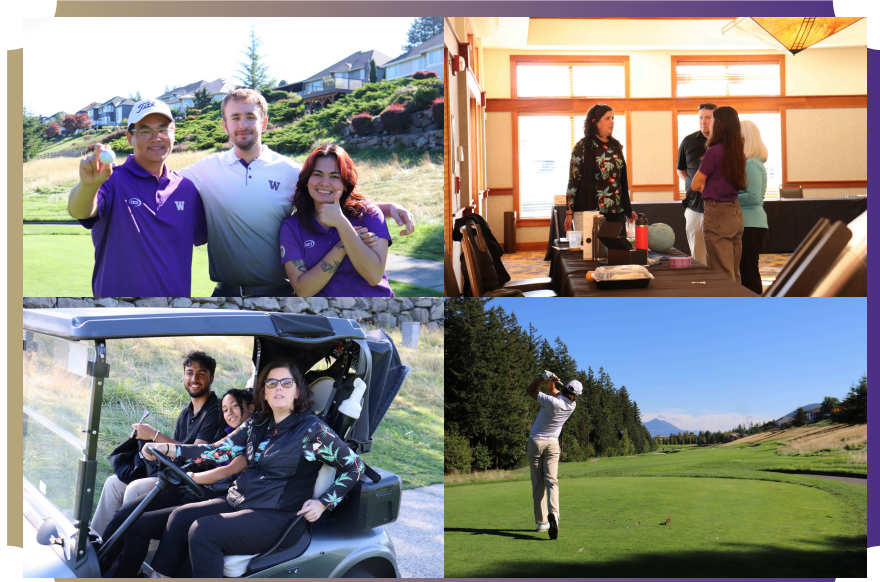
Providing student-centered programs ensures that graduates are accomplished in technical expertise, business practices, collaboration, leadership skills, and ethical responsibility. National accreditation and state-of-the-art laboratory facilities will ensure exceptional applied, experiential learning.

EVENTS

The WA ACI Golf Tournament

The UW ACI Student Chapter participated in the WA ACI Gold Tournament, connecting with companies and professionals to support our fundraising for the Fall competition in Philadelphia.

Special thanks to Cory Shaw for preparation guidance, WA ACI for organizing, and Mary Bauer for securing funds. This experience boosted our network and improved our competition prospects.



SDOT Lab Tour

During a site tour at SDOT, civil engineer supervisor Steven Read shared insights on aggregates, asphalt, and soils, along with testing methods for roadway quality.

The informative tour highlighted SDOT's commitment to urban engineering excellence and deepened our understanding of road management challenges and solutions.

UW ACI - Dawg Daze

The UW ACI Club participated in Dawg Daze, where we engaged with incoming freshmen by introducing our mission and projects while showcasing some of our innovative instruments.

This outreach effort successfully sparked interest in our activities and highlighted the hands-on experiences and collaborative environment we offer, inspiring the next generation of leaders in the field.



ACI Competitions

Spring 2024 - Mortar Workability

The most recent competition we participated in was held in New Orleans, Louisiana. We were challenged to create a mortar mixture with optimum flowability and stability while also considering sustainability.

We competed against 31 universities in the North and South American continents and ranked 11th place in eco-friendly design.



Fall 2024 - Pervious Concrete Cylinder

This Fall, ACI will host a pervious concrete competition in Philadelphia, Pennsylvania. Teams are challenged to apply sustainability concepts and to use their knowledge of concrete mixture design by producing pervious concrete which balances permeability and splitting tensile strength.



Spring 2025 - FR Bowling Ball

This upcoming Spring, ACI will host a bowling ball competition in Toronto. Teams are challenged to demonstrate the behavior of fiber reinforcement within concrete, gain experience forming and fabricating a fiber-reinforced concrete element, and encourage creativity in engineering design predictions and analysis testing.



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