



ASCE/AGC Meeting Summary

Week 6: Gannet Flemming

This meeting recap is intended to allow all ASCE/AGC members to stay up to date with the events that take place during our weekly meetings!

Announcements:

1. Dues will be \$10 per semester- please remember to bring cash ASAP!
2. Mark your calendar for the Girls Lead the Way Event Feb 26th
3. Our next meeting will be officer elections! If you are interested please email Grant at ggulevich@mines.edu
4. Follow us on Instagram @asce.mines and @asce.concrete.canoe

ASCE Student Symposium:

We are hosting the ASCE Student Symposium Friday and Saturday April 8th and 9th 2022 and we need competitors for the Mystery Design, Pre-Design, Sustainable Design and Technical Paper Presentation events as well as behind the scenes crews to ensure everything runs smoothly

If you are interested please fill out the form below!

https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdocs.google.com%2Fforms%2Fd%2Fe%2F1FAIpQLSf5F82SR3eTvPmjw7VKr1QYQJTA9ttq4QS3SFzxCeA8g_Lg%2Fviewform%3Fusp%3Dsf_link&data=04%7C01%7Ckayleyannmoore%40mines.edu%7C8b6e678877fb494a08c008d9d795c231%7C997209e009b346239a4d76afa44a675c%7C0%7C0%7C637777860465746431%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=ET0VKPW96BR1owOVxpv0ol7f94%2Fhxgb7Zoa3kytCUVA%3D&reserved=0

Civil Engineering Fun Fact of the Week:

Civil engineers created the slipperiness of a water slide. By designing the pumping system to discharge the correct amount of water to the flume, civil engineers made the fun of waterparks. Basically, we created waterparks.



Today's Presenters: Aimee and Jeremy from Gannett Fleming

Company Overview:

- Our Purpose: At Gannett Fleming, we are leaders in resilient and sustainable planning, design, and technology that withstand the forces of a rapidly changing world.
- Focused on Diversity, Equity, and Inclusion



Introduction:

- Aimee and Jeremy from Gannett Fleming Engineering!
- Nationally the US has a D in dams according to the ASCE grade
- Since we have such a low score, working with dams is great job security
- They work with gravity, slab/ buttress, embankment, concrete, and arch dams
- Their favorite projects include a Hydropower dam in Washington that was facing failure of a lift joint
- They used anchors to stabilize the loading during seismic events
- He is still working on this project currently to determine what strength of earthquake it can withstand
- Most dams in the US are not protected against potential seismic activity because they were constructed before we have the technology to determine the activity
- A dam in Texas that they both worked on was a slab and buttress dam that began to slip downstream
- They created a structural analysis, and decided it needed to be decommissioned until it was stabilized