

June 2021

ASCE SEATTLE JUNE MEETING:



SDOT WEST SEATTLE BRIDGE

JOIN US VIRTUALLY ON ZOOM
WEDNESDAY, JUNE 9
5:30PM - 7:00PM

SDOT, West Seattle Bridge

The closure of the West Seattle High-Rise Bridge in March of 2020 has had a profound impact on the communities around the bridge and the citywide transportation network.

This presentation will cover topics that include the following: bridge history, analytical techniques, structural health instrumentation, repair vs. replace cost benefit analysis, repair and replacement design, funding strategies, community engagement, traffic mitigation and equity impacts.

[Click Here to Register & Add to Calendar](#)

Date: Wednesday, June 9
Time: 5:30pm-7:00pm

After registering, you will receive a confirmation email containing information about joining the meeting via Zoom.



APPLICATIONS NOW OPEN FOR

THE RICHARD WILLIAMSON JONES MEMORIAL SCHOLARSHIP

STUDENTS APPLY BY
JUNE 25, 2021

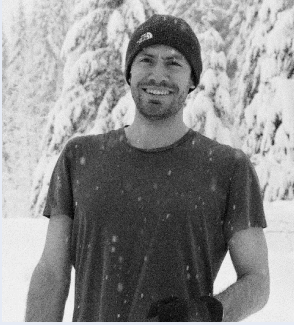
\$2,000 FOR YOUR EDUCATION!

June President's Column

By Javier Homero Flores Cervantes, PhD, PE
ASCE Seattle Section President

Dear Seattle Section,

It is hard to believe that this will be my second to last column, as my



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**SEPTEMBER 2021
NEWSLETTER
CONTENT DEADLINE:
August 20, 2021**

term as President of the Section is coming to an end. I am very proud of our team that has done an amazing job putting together events and other activities through this year—all during a pandemic. There is plenty of coordination going on behind the scenes putting together the newsletter, the dinner meeting and program, and all the activities that different groups within the Section put together. You can get a glimpse of them on the [Section's calendar](#).

In May, during our dinner meeting we had the opportunity to hear from the two bookends of the career of a civil engineer, from the students and from the new Life Members.

First, four of the new Life Members gave us a reflection of their careers as civil engineers. I noticed in particular how working with a diversity of professions was a highlight in their careers. I can relate to that! They also had been active in the Seattle Section leadership. It was very generous of them to share their thoughts with the students and the rest of the audience.

Next, two teams of students from UW and from Seattle U presented projects they had worked on this year. These two projects won first place in a competition organized by the YMF for each university. The results of the competition are below. It is always very refreshing to hear students talk about their projects. I enjoyed their innovation in the UW concrete canoe design, and Seattle U's problem solving capacity when working with the City of Bellevue in repairing a Creek Bridge.

This month, we'll have three experts talk to us about what is going on with the West Seattle High Rise Bridge, which has been closed for over a year and needs to be repaired or replaced. Please join us!

We had Section elections this past month for the positions of President, Secretary and Director of Standing Committees. The nominees for each were Elyssa Dixon, Peter Heller and Swapna Sridharan respectively. I congratulate them and welcome them to the Board.

We won't have newsletters in the months of July and August, so you will not hear from me until September. Have a great summer everyone!!

2021 Student Competitions & New Life Members

UW Student Competition Results:

1st Place: University of Washington's Concrete Canoe Team

SU Student Competition Results

1st Place: Kelsey Creek Bridge Approach Repair for City of Bellevue

Neil Gromlich, Emily Ko

2nd Place: Embodied Carbon Performance and Sustainability Benchmarks

Iman Haji

3rd Place: Study of Mass Gain and Loss of Glacier

Bareera Mirza

Thank you to our Judges!

Mackenzie Capaci - Kennedy Jenks

Phil Yu - Mott Macdonald

Katarina Kubiniec - KPFF

Anna Tsai - Seattle YMF

New Life Members:

Dave Enger

Jeff Rice

Phil Cohen

Ralph Graves

Audrey Hansen, Mike Kwispond, Connor McCoy, Bivek Rana, Anthony Woolley

2nd Place (tie): Assessment of Steel Structures in South Seattle substation for Seattle City Light

Ethan Crout, Luka Dzipkovic, Ryan Gilmer, Navneet Johal, Alyssa Toledo

2nd Place (tie): Trout Creek Bridge 494 Replacement for Snohomish County

Michiko Aizawa-Smith, Nicholas Harris, Sing Cheong Kam, Korey Miyakawa, Samantha Mutoni

Thank you to our Judges!

Mike Harney - Shannon and Wilson

Megan King - Port of Seattle

Keith Kruger - CPL

Eric O'Brien - FEMA

Mark Pierepiekarz - MRP Engineering

Are you considering becoming an ASCE Member?
Each month we'll be highlighting a unique benefit of membership.

Member Benefit: Take the PE Civil, SE, or Environmental Exam and Ace the Test with PE Exam Review Courses. Our faculty with over 20+ years' experience can help you prepare for your PE exams with focused courses designed to maximize your study time. Live and on-demand sessions are included, as well as handouts, homework problems, and study tips. [asce.org/live-exam-review-courses](https://www.asce.org/live-exam-review-courses)

Join ASCE Today!

ASCE has been bringing the global civil engineering community together since 1852. With more than 150,000 members across 177 countries, ASCE gives you access to everything you need to move your career forward faster. [To learn about all the great Member Benefits, check out this guide!](#)

June Committee Meetings & Events

Diversity, Equity + Inclusion Committee Meeting

Tuesday, June 15 @ 5:00pm

If you are interested in joining ASCE Seattle's DEI Committee or attending their monthly virtual meetings, reach out to [Diversity Chair, Joshua Shin](#).

The DEI meets regularly on the third Tuesday of every month.

Check out their highlight of Pride Month below!

EWRI Committee Meeting

Thursday, June 17 @ 12:00pm

Topic: Using Biomimicry & Engineering w/ Nature

Speaker: Chris Allen & Amy Carlson, Jacobs; Nicole Miller, Biomimicry 3.8

A description and Chris, Amy, and Nicole's bios will be sent in an attached flyer of our meeting invite. **Microsoft Teams** link will also be provided in the invite access the meeting.

Contact seattleascewre@gmail.com if you are interested in being added to the Seattle Section EWRI mailing list to make sure you receive future EWRI meeting notices!

Diversity, Equity + Inclusion Monthly

June

June is Pride Month, and the ASCE Seattle chapter would like to celebrate and acknowledge all members of the LGBTQ+ community within our industry. We wanted to share some resources we suggest you all explore this Pride Month:



There are numerous resources and stories to explore on their site! If you want to get started, check out their [definitions page](#) to get accustomed to the verbage used in the queer community.

The Queer Advocacy and Knowledge Exchange (Qu-AKE) is a national, nonprofit, inclusive network for professionals working in the fields of civil engineering, architecture, urban planning, geosciences and construction. We exist to ensure visibility and protection of LGBTQ+ professionals in our fields, by facilitating networking opportunities, providing a forum for mentorship, and fighting discrimination against members of our community in the workplace.

If you would like to get involved with the DEI committee, please email diversity@seattleasce.org.

Upcoming Volunteer Opportunities

YMF Conference Coordinators

The Seattle YMF is looking for Conference Chairs! Every year, the Multi-Regional Leadership Conference (MRLC) is held throughout ASCE's Region 8 & 9, which includes the Western Regional Younger Member Council (WRYMC) and the Workshop for Student Chapter Leaders (WSCL).

The Seattle YMF is working towards putting a bid to host the MRLC in Seattle in 2024! While it may seem early, we are looking for Conference Chairs to organize and plan the conference events!



Please reach out to yfm@seattleasce.org, BobbieGilmour@kennedyjenks.com, or MackenzieCapaci@kennedyjenks.com

Branch & Committee Volunteer Needs

North Branch Board & YMF

The North Branch is currently looking for motivated individuals to be part of the North Branch Board starting from October 2021 until September 2022. Officer positions of President and Vice President (President-Elect) are open. The North Branch serves approximately 150 members in the counties of Whatcom, Skagit, San Juan, Island and Snohomish

The 2021-2022 North Branch Board will help grow the Branch through member engagement and providing value to its members through events and communications such as membership meetings, email newsletters, and other means which the North Branch Board envisions as paths for growth to continue the momentum for the established Branch. The leadership positions will include the full support from the Seattle Section Board and its resources, leadership training opportunities for the new officers, and Society (ASCE National) level resources and contacts. Prior experience in ASCE leadership positions is not required. Contact Tony Nguyen, Director of Branches, at branches@seattleasce.org for more information.

The North Branch is also seeking YMF volunteers to continue to maintain and grow it's YMF. Please contact Mark Rose, North Branch YMF President, at mrose@geoengineers.com for more information.

Legislative Committee

If you are interested in joining the [Legislative Affairs Committee](#) (click for more information), please reach out to legislative@seattleasce.org. The level of involvement can vary, and the tasks can include providing engineering input on current legislative issues to assisting with lobbying. By the end of Summer 2021, we will re-start our monthly committee meetings, prepare and ready our committee for more proactive roles in AELC and next year's legislative session, and develop a longer-term plan for the committee to lead, engage and support our members in the political process and government relations -- all of which are critical to our profession, safety of the public, and prosperity of Washington economy.

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ASCE Seattle Job Board

Current Job Openings:

Senior Stormwater Engineer | City of Redmond

Posted: 5/19/2021

The City of Redmond is a thriving, culturally diverse community and home to over 72,000 residents. Redmond is the hub to an array of commerce and industry ranging from technology, aerospace and gaming to biomedical and innovation start-ups.

The Planning Department is responding to the growing needs of the City, consider joining our team as a Senior Stormwater Engineer.

Dam and Well Section Manager | Washington State Dept. of Ecology

Posted: 4/9/2021

[Apply for this position online at this link.](#)

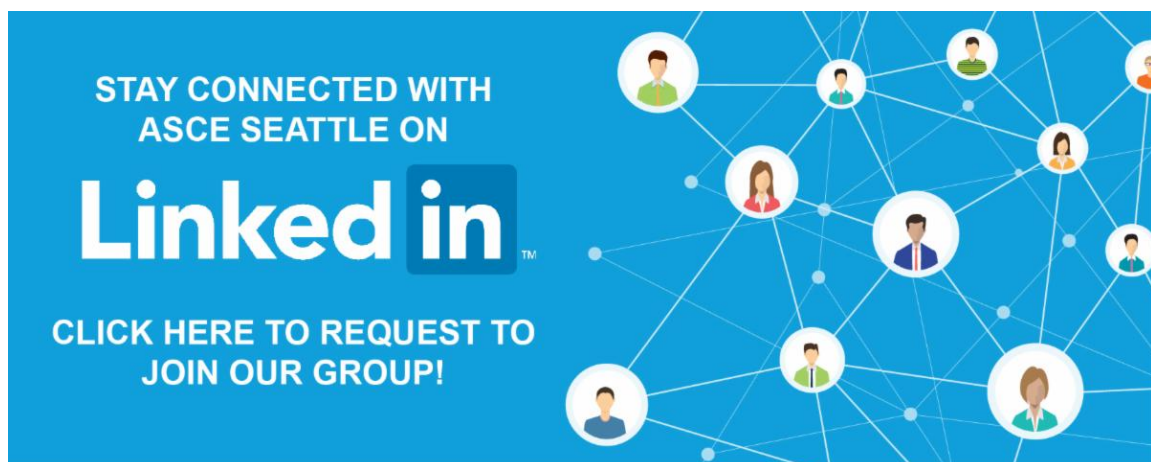
Protecting Washington State's environment for current and future generations is what we do every day at Ecology. If you want to join a highly effective, collaborative team in exciting work dedicated to safe water supply and storage, this may be the position for you.

The [Water Resources](#) program is looking for a leader to fill the **Dam and Well Section Manager (WMS Band 2)** position. The position is currently assigned to a duty station in our Headquarters Building in [Lacey, WA](#), and supervises staff also assigned to Headquarters. However, the agency is transitioning to a Modern Work Environment approach that allows telework and flexible schedules the new Section Manager will need to support and implement.

[Click to View Full Descriptions & How to Apply!](#)

Advertise your current open positions to ASCE Seattle members today for only \$75 for the first month and \$50 for each subsequent month.

[Email communications@seattleasce.org](mailto:Emailcommunications@seattleasce.org) to learn more.



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CLICK HERE TO REQUEST TO
JOIN OUR GROUP!

The banner features a blue background with a network of white lines connecting various circular icons of people, representing a social network or community.

**DID YOU
KNOW?**

All ASCE Seattle Members are always invited to join the Seattle Section Board Members at the monthly Board Meeting. Interested in attending? Check the [calendar on the ASCE Seattle website](#) for the meeting time and location and email president@seattleasce.org if you plan on joining us!

