Columbia Section Upcoming Presentation

Please join us on Thursday April 27th at the Home Builders Association of Tri-Cities for a presentation about the Benton Franklin Council of Governments (BFCOG) Metropolitan Planning Organization (MPO). Deputy Director Erin Braich will talk to us about what the BFCOG does, its purpose, and how it can relate to us as civil engineers from either a consultant or a city/county engineering role. We will send out an invite once it gets closer. Erin Braich has his Master’s in Urban and regional Planning and enjoys working for BFCOG as the Tri-Cities region is growing rapidly and can contribute to that growth and shape.

Date: Thursday, April 27th, 2023
Time: 11:45am-1:00pm
Place: 10001 W Clearwater Ave, Kennewick WA 99336

Lunch will be provided– Pizza

Visit us on Facebook!
The Intergovernmental Panel on Climate Change’s latest and final climate report warns that time is running out to be able to avoid the most catastrophic impacts of a rapidly overheating planet. The report authors contend that governments around the world have about a decade to stop the rise of global temperatures and the extreme weather events that accompany them. The IPCC’s authors say that multiple, feasible and effective options to reduce greenhouse gas emissions exist and are widely available now.

“Mainstreaming effective and equitable climate action will not only reduce losses and damages for nature and people, it will also provide wider benefits,” IPCC Chair Hoesung Lee said in a statement. However, these efforts need to begin almost immediately across virtually every sector of society. “Keeping warming to 1.5°C above pre-industrial levels requires deep, rapid and sustained greenhouse gas emissions reductions in all sectors” over the next decade, the IPCC concluded.

The greater Tri-Cities is rich with STEM jobs. The STEM-richness of the local economy is largely due the outsized presence of engineers. Statewide, that general occupation made up 1.6% of the workforce in 2021. For the greater Tri-Cities, the share of engineers was nearly double, at 2.8%. Yet, if the greater Tri-Cities labor force is STEM-rich, the composition of its companies is STEM-poor. We do not have ready definitions of science & technology companies as BLS provides for the labor force. Yet, it seems clear that, outside of PNNL and Hanford-related activities, the cup of local economy doesn’t overflow with technology companies. In all, however, these likely STEM-oriented companies sum to a few dozen – out of a universe of about 9,000 firms in the two counties. And the total headcount of these companies? About 1,000, or less than 1% of the total number employed in 2021. If the greater Tri-Cities is to translate its human capital wealth into a technology-rich economy, progress will need to be made on at least these barriers.
HOWARD PRESTON SCHOLARSHIP AWARD
AMERICAN SOCIETY OF CIVIL ENGINEERS · COLUMBIA SECTION

The Columbia Section of the American Society of Civil Engineers invites applications for the Howard Preston Scholarship Award. The purpose of the scholarship is to promote excellence and professionalism in the field of Civil Engineering. The scholarship will provide financial support for the student's educational expenses.

Scholarships to be awarded will be for $1,000. Scholarships are in the form of certificates of award conditioned upon the enrollment of the student as specified under student eligibility requirements. Upon receipt of notice of enrollment from proper officials, a check for the amount of the award will be forwarded to the college or university to establish a credit for the student.

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<th>STUDENT ELIGIBILITY REQUIREMENTS:</th>
<th>STUDENT SELECTION will be based on the following standards:</th>
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<td>1. Be enrolled by the fall term of 2023 in Civil Engineering with a minimum of sophomore status or be a graduate student in Civil Engineering in an ABET (Accreditation Board for Engineering and Technology) accredited college or university in the United States of America. and 2. U.S. Citizenship and 3. Student graduated from high school located within or have parents residing within the following Columbia Section boundaries: Washington: Counties of Yakima, Kittitas, Klickitat, Benton, Franklin, Walla Walla, and Columbia Oregon: Counties of Morrow, Umatilla, Union, and Wallowa or Have been a resident or student within one of the counties listed above for at least two years. and 4. Have an overall GPA of 2.5 or higher based on a 4.0 scale or equivalent</td>
<td>1. Need Analysis Description 40 % 2. Leadership &amp; Professional Character 30 % 3. Scholastic 20 % 4. Other Factors at discretion of selection committee 10 %</td>
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STUDENT APPLICATION PROCEDURE

1. Send the attached application to: Gerardo Rico
   3611 South Zintel Way
   Kennewick, WA 99337

   OR

   Email: ASCEColumbiaYMF@gmail.com

2. Provide directly from the college or university to the above address an official transcript showing all college work.

3. Discuss which branch of Civil Engineering you are interested in and why.

All application materials must be received no later than April 28, 2023, in order that awardees may be selected by June 1, 2023. Award recipients will be honored at a technical lunch meeting hosted by the ASCE Columbia Section in June 2023 in Tri-Cities, WA (attendance at the meeting is not required to receive scholarship).
HOWARD PRESTON SCHOLARSHIP AWARD
AMERICAN SOCIETY OF CIVIL ENGINEERS · COLUMBIA SECTION

APPLICATION

Student Full Name: __________________________ Email: __________________________

Student Address: _______________________________ State: ______ Zip: __________

Phone: __________________________ How long at this address: __________________________

Date and Place of Birth: __________________________ U.S. Citizenship?: ______

Father's Information
Name: ______________________________________ Phone: __________________________

Address: ______________________________________ State: _____ Zip: __________

County: __________________

Mother's Information
Name: ______________________________________ Phone: __________________________

Address: ______________________________________ State: _____ Zip: __________

County: __________________

(if different from father's)

(if different from father's)

High School Applicant graduated from:

School: ______________________________________ Year: __________

Address: ______________________________________ City: __________ State: ______

Name, City, and Dates (Year, i.e. 2019-2021) of Colleges or Universities attended:

______________________________________

______________________________________

______________________________________

______________________________________

______________________________________
1. **NEED ANALYSIS DESCRIPTION**

Provide a brief description of how you are financing your education and why you feel this money is important to your financial package. Include a rough annual breakdown of college expenses and sources of income, including grants, scholarships, jobs, assistance from family, etc.

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

2. **LEADERSHIP AND PROFESSIONAL CHARACTER**

A. Offices and positions of leadership (State name of organization, position and year).

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

B. List honors and awards:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

C. List last three employers (State name, City, phone, and job title and date held):

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

D. List name, University, phone, and email of two professors for references:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

E. List membership in organizations and dates:

________________________________________________________________________
F. List volunteer service for school, community, or other organization:

____________________________________________________________________________________

____________________________________________________________________________________

____________________________________________________________________________________

____________________________________________________________________________________

3. SCHOLASTIC

A. Current Grade Point Average:
   Overall GPA: ____________
   Major GPA: ____________

B. Provide a current official transcript directly from the college or university.

C. List honors and awards:

____________________________________________________________________________________

____________________________________________________________________________________

____________________________________________________________________________________

D. Submit a schedule of upcoming courses for Fall Semester (include course titles and credits).

ASCE MEMBER

Are you a member of ASCE? Yes ____________ No ____________

____________________________________________________________________________________

DATE ___________________________ Signature of Student ___________________________

APPLICATION SUBMITTAL

Application must be received no later than April 28, 2023.

Please submit application and supporting documentation to:

Gerardo Rico
3611 South Zintel Way OR ASCEColumbiaYMF@gmail.com
Kennewick, WA 99337

www.asce.org/section/columbia