



AMERICAN SOCIETY OF CIVIL ENGINEERS



SEATTLE SECTION YOUNGER MEMBER FORUM

www.seattleasceymf.org

2022 ASCE SEATTLE YMF SCHOLARSHIP APPLICATION

General Information: The American Society of Civil Engineers (ASCE) Seattle Section was founded in 1913. Seattle area ASCE members under the age of 35 comprise the Younger Member Forum (YMF), a group focused on networking, community service, student outreach, and professional development. The Seattle Section YMF has been raising money since 2004 to establish a scholarship program encouraging students to pursue a career in Science, Technology, Engineering and Math. Several scholarships, of up to **\$1,000**, will be awarded in the name of the Seattle Section Honorary Members of ASCE. The award will be presented at the May or June 2022 ASCE Seattle Section virtual meeting.

Eligibility: Qualified applicants must:

- Be Seniors in High School;
- Show proof of acceptance to a 4-year institution;
- Be pursuing a field related to math, science, engineering or technology.

*Applicants that have participated in a Popsicle Stick Bridge Competition will receive bonus points.

Note: The easiest way to fill out the scholarship form is to enter text directly using this document.

Contact Information:

Full Name: _____ Date of Birth: ____/____/____

Permanent Address: _____

Telephone Number: (____) ____-____ Student's Email: _____

Education Information:

Name of High School: _____

Graduation Date: ____/____/____ GPA (4.0): _____

Years Competed in the YMF Popsicle Stick Bridge Contest: ☐ 2022 ☐ 2021 ☐ 2020 ☐ 2019

Name of College/University Student plans to attend: _____

Expected Major: _____

Clubs/Organizations/Teams/Employment: (Up to 5)

1. Name of club/organization/team/employer: _____

Title/Position: _____ Start Date: _____ End Date: _____

Describe participation and time commitment: _____

2. Name of club/organization/team/employer: _____

Title/Position: _____ Start Date: _____ End Date: _____

Describe participation and time commitment: _____

3. Name of club/organization/team/employer: _____

Title/Position: _____ Start Date: _____ End Date: _____

Describe participation and time commitment: _____

4. Name of club/organization/team/employer: _____

Title/Position: _____ Start Date: _____ End Date: _____

Describe participation and time commitment: _____

5. Name of club/organization/team/employer: _____

Title/Position: _____ Start Date: _____ End Date: _____

Describe participation and time commitment: _____

Community Service: (Up to 3)

1. Name of activity: _____

Title/Position: _____

Start Date: _____ End Date: _____ Total Hours: _____

Describe participation: _____

2. Name of activity: _____

Title/Position: _____

Start Date: _____ End Date: _____ Total Hours: _____

Describe participation: _____

3. Name of activity: _____

Title/Position: _____

Start Date: _____ End Date: _____ Total Hours: _____

Describe participation: _____

Essay Questions:

Choose 2 of the following questions to answer (500 words or less for each answer) and attach your responses to the application:

1. What was most rewarding about your participation in the Seattle YMF Popsicle Stick Bridge Competition? Is there anything you would recommend to the Seattle YMF that would make the competition better? More challenging? More accessible? More interactive?
2. The last two years have been a mix of virtual and in-person project work. For the Popsicle Stick Bridge Competition, or any school project this year, were you able to work in-person or virtually? How did that affect your ability to successfully complete your bridge/project? What challenges did you face? What worked well for you and your group? What would you recommend for those people that have only virtual group work as an option?
3. Engineering is all around us. It has helped us apply math and science concepts to solve complex problems and design new products to enhance our lives. How has engineering impacted your life? Describe an event, a person, and/or an product that has done so.
4. The world is constantly changing and growing. As resources become limited and the climate is stressed, describe a specific problem you foresee being an issue in the during your lifetime and provide insight and/or an engineering solution that could be used to resolve the problem.
5. Why are you pursuing a career in math, science, engineering, or technology? What impact do you hope to make for your community by pursuing this career path?
6. Infrastructure includes the physical structures that we use everyday, such as roads, bridges, power supplies, water pipelines, and schools. As our infrastructure starts to age, we need to replace or repair it. Why is it important to maintain our infrastructure? How can everyday people help maintain our infrastructure?

Application Instructions:

Complete Scholarship Application should include:

1. An official high school transcript (copy acceptable),
2. Completed scholarship application form,
3. Proof of acceptance to a 4-yr college/university (can send as late as June if not available by April 15), and
4. One letter of recommendation from a non-family member.

Submit completed application via e-mail to **scholarship@seattleasce.org** by **Friday, April 15, 2022**.

Contact Bobbie Gilmour at **scholarship@seattleasce.org** for more information.

Scholarship Timeline:

April 15, 2022	Applications due
April 22, 2022	Announce winner(s)
May or June 2022 TBD	Present award at the ASCE Seattle Section Virtual Meeting