

## 2022-2023 Academic Year Scholarship Program

Under the auspices of ACEC's College of Fellows, the ACEC Research Institute will award five (5) General Scholarships, as well as three specialty scholarships: the Coalition of American Structural Engineers (CASE) Scholarship, the J.A. Watts, Inc. Diversity in Engineering Scholarship, and the Lee Rice LRE Water Scholarship.

All Tennessee scholarship applicants must submit applications through ACEC Tennessee. ACEC will give two additional awards for \$1,000 each. These scholarships recipients will be chosen from the entire pool of applicants in our state. **APPLICATIONS MUST BE RECEIVED BY FRIDAY, JANUARY 21, 2022.**

### Guidelines & Eligibility

#### General Scholarships

Students must be entering their junior, senior, fifth, or master's degree year, in the **fall of 2022** to qualify for the general scholarships. In addition, a student must be a U.S. citizen pursuing a Bachelor's or Master's degree in engineering or in an accredited land-surveying program to qualify. ABET accreditation of engineering programs for scholarship applicants must conform to the following for the degree the student is pursuing:

**Bachelor's Degree**

Student must be in an ABET-accredited engineering program.

**Master's Degree**

Student must either be in an ABET-accredited Master of Science (MS) engineering program or have a Bachelor of Science (BS) degree from an ABET-accredited engineering program.

#### Council of American Structural Engineers (CASE) Scholarship

Only students who are enrolled in a **Master's degree** program for Structural Engineering in **fall of 2022** will be eligible for the CASE scholarship. Student must either be in an ABET-accredited MS engineering program or have a BS degree from an ABET-accredited engineering program<sup>1</sup>.

#### J.A. Watts, Inc. Diversity in Engineering Scholarship

This scholarship will award funding to students of color who have been traditionally underrepresented in the field of engineering<sup>2</sup>. Student must be a U.S. citizen entering their junior, senior, or fifth year, or master's degree program, pursuing a Bachelor's or Master's degree in an ABET-accredited engineering program or in an accredited land-surveying program.

#### Lee Rice LRE Water Scholarship

The Lee Rice-LRE Water Scholarship for students entering their junior, senior or 5th year, or pursuing a master's degree in engineering geology, water engineering or natural resource engineering related fields at an ABET-accredited engineering program or in an accredited land-surveying program. Student must be a U.S. citizen.

*1: An ABET-accredited engineering program is one that conforms to the ABET **Engineering Accreditation Commission (EAC)** standards. To view a list of ABET, Inc.'s EAC accredited engineering programs, visit ABET's website at [www.abet.org](http://www.abet.org).*

*2: For the Diversity Scholarship, students self-identify as American Indian/Alaskan Native, Black, Asian/Pacific Islander, Hispanic/Latino, and/or Mixed Race.*

A student can receive only one ACEC scholarship during the student's academic career.

Payments will be made to the academic institution beginning July 1 for the 2022-2023 academic year.

Applications should be as complete as possible. Each portion of the application has a specific point value. Judges will score each section separately. Incomplete applications will not be considered. For further information on scoring guidelines, please [click here](#).

## Scoring

- **Cumulative Grade Point Average: 20 points**

- **Essay: 25 points**

Essays must be typed. Points may be lost for poor grammar, incorrect spelling, or lack of neatness. Proofread carefully.

- **Work Experience: 27 points**

Work experience will be limited to the *last three years* prior to the date of the application. List your most recent work experience first and include any jobs held during high school if within the three-year period. Indicate the year in school during which you held a particular position. Indicate if your work experience was in the form of work-study, co-op, or practicum. Clearly identify the nature of the business of the listed employers; in particular, note consulting engineering or land surveying firms. Be complete and accurate. List additional experience on a separate sheet and attach if necessary. The more experience you list, the higher your potential score.

- **Recommendation: 15 points**

A recommendation is needed from a consulting engineer, land surveyor or engineering professor. **Use the attached form**—a letter is not sufficient. Letters sent in addition to forms will not be read. Greater weight will be given for a recommendation from a consulting engineer or land surveyor. *The evaluator must send the recommendation directly to the state Member Organization.*

- **Extracurricular College Activities: 13 points**

List all college activities under the indicated categories and years. Include offices held and other leadership roles in any organizations. Be as complete as possible. If there are no activities, write "none". The more activities you list, the higher your potential score.

## Application Checklist

- Completed official 2022 ACEC Application Form – Use current application form
- Select General Scholarships or Specialty (CASE) Scholarship, J.A. Watts, Inc. Diversity in Engineering Scholarship, or Lee Rice LRE Water Scholarship
- ABET Accredited Engineering Program under Engineering Accreditation Commission (EAC)
- Properly Signed by Applicant
- Properly Signed by Dean or Professor
- Essay
- ACEC Research Institute Recommendation Form
- ACEC Research Institute Scholarship Payment Activation Form
- Official Transcript – Including 2021 Fall Semester Grades

## Questions

For questions, or further information, please contact Kasey Anderson at [kanderson@tnec.org](mailto:kanderson@tnec.org) or 615.242.2486

**Official 2022-2023 Scholarship Application**

Applicant's Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Citizenship: \_\_\_\_\_

I am applying for the following scholarship(s):

*(In addition to general scholarships, please check any other speciality scholarships in which you may qualify)*

- General Scholarships
- Coalition of American Structural Engineers (CASE) Scholarship
- J.A. Watts, Inc. Diversity in Engineering Scholarship
- Lee Rice LRE Water Scholarship

*Note: Please see qualification notes on page 1 of the application.*

In the fall of 2022, I will enter (indicate one):

- Junior year       Senior year       Fifth-year       Master's

College/University: \_\_\_\_\_

Degree/Discipline expected (with date): \_\_\_\_\_

Include certified grade transcript(s), *including 2021 Fall Semester*, and clearly identify your cumulative grade point average(s) on a *four-point scale*:

My Bachelor's (Undergraduate) GPA is: \_\_\_\_\_

My Master's GPA is: \_\_\_\_\_

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**GENERAL INFORMATION**

Home Address: \_\_\_\_\_  
\_\_\_\_\_

College Address: \_\_\_\_\_  
\_\_\_\_\_

Phone:      Cell Phone: (\_\_\_\_) \_\_\_\_\_ School: (\_\_\_\_) \_\_\_\_\_

Email Address: \_\_\_\_\_

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**CURRENT COLLEGE/UNIVERSITY**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date Admitted: \_\_\_\_\_

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**EDUCATIONAL BACKGROUND**

List most recent additional educational institution first. Use additional sheets and attach if necessary.

College/University &amp; Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Dates of Attendance: \_\_\_\_\_

College/University &amp; Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Dates of Attendance: \_\_\_\_\_ Date of Graduation: \_\_\_\_\_

Secondary School (High School) &amp; City:

Dates of Attendance: \_\_\_\_\_ Date of Graduation: \_\_\_\_\_

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**WORK EXPERIENCE****Work experience is limited to the last three years prior to the date of your application.** List most recent work experience first. Use additional sheets and attach if necessary.

Employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Dates: \_\_\_\_\_ Total Time (Months): \_\_\_\_\_ Hrs/Week: \_\_\_\_\_

Supervisor's Name and Title: \_\_\_\_\_

Your Position: \_\_\_\_\_

Duties: \_\_\_\_\_

Year in School: \_\_\_\_\_ Type of Business: \_\_\_\_\_

Employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Dates: \_\_\_\_\_ Total Time (Months): \_\_\_\_\_ Hrs/Week: \_\_\_\_\_

Supervisor's Name and Title: \_\_\_\_\_

Your Position: \_\_\_\_\_

Duties: \_\_\_\_\_

Year in School: \_\_\_\_\_ Type of Business: \_\_\_\_\_

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Employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Dates: \_\_\_\_\_ Total Time (Months): \_\_\_\_\_ Hrs/Week: \_\_\_\_\_

Supervisor's Name and Title: \_\_\_\_\_

Your Position: \_\_\_\_\_

Duties: \_\_\_\_\_

Year in School: \_\_\_\_\_ Type of Business: \_\_\_\_\_

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### COLLEGE/COMMUNITY INVOLVEMENT

**List activities under the following categories for indicated years. Include summer activities as part of the subsequent school year. Identify leadership positions held in the listed activities or organizations. Use additional sheets and attach if necessary.**

Student Organizations

Year 2019-20: \_\_\_\_\_

\_\_\_\_\_

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Community/Volunteer Involvement

Year 2019-20: \_\_\_\_\_

\_\_\_\_\_

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Organized Athletics and/or Musical Activities

Year 2019-20: \_\_\_\_\_

\_\_\_\_\_

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Other

Year 2019-20: \_\_\_\_\_

\_\_\_\_\_

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

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**ESSAY**

On a separate sheet of paper write a short essay (limit your response to 500 words) on the following topic:

***The American Council of Engineering Companies (ACEC) represents thousands of companies comprised of more than 600,000 engineers, architects, land surveyors and other specialists. Our member firms contribute engineering solutions to present and future challenges happening around the world. ACEC Research Institute is the leading source of knowledge and thought leadership for creating a more sustainable, safe, secure and technically advanced built environment. We aim to inspire future generations to solve the world's most challenging problems through engineering.***

***Describe how consulting engineering firms provide value to their clients and long-term benefits to their community. Your personal interest in and understanding of the engineer's role in all aspects of the built environment are important and should be reflected in your essay.***

Permission To Release or Validate Information

By signing this application, I authorize ACEC Research Institute and ACEC state Member Organizations to confirm and/or release any information included on this application.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

I have reviewed this application and I recommend the student for consideration.

Dean or Professor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Dean or Professor Contact Name: \_\_\_\_\_

Dean or Professor email: \_\_\_\_\_

### Scholarship Recommendation Form

Complete this form and return **by January 21, 2022** to:  
ACEC Tennessee | Attn: Kasey Anderson, Executive Director  
800 Fort Negley Boulevard | Nashville, TN 37203  
Or via email to: [kanderson@t nec.org](mailto:kanderson@t nec.org)

Name of Student: \_\_\_\_\_

Name of School: \_\_\_\_\_

Degree/Discipline Expected: \_\_\_\_\_

Date Expected: \_\_\_\_\_

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Recommendor Name: \_\_\_\_\_

Recommendor Title: \_\_\_\_\_

Recommendor Organization: \_\_\_\_\_

You are (indicate one):    Engineering professor \_\_\_\_\_    Consulting engineer \_\_\_\_\_    Land Surveyor \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

How long, how well, and in what capacity have you known the applicant?: \_\_\_\_\_

\_\_\_\_\_

Please rate the student in each of the following categories (rating 1, 2, 3, 4, or 5; with 1 the lowest and 5 the highest). **Rate each category as best you can, do not leave any category without a rating point.**

	Rating	Use space below to explain your answers
Cooperation	_____	_____
Leadership	_____	_____
Initiative	_____	_____
Industrious	_____	_____
Dependability	_____	_____
Courtesy	_____	_____
Attitude	_____	_____
Communication	_____	_____
TOTAL POINTS	_____	

Why will the student be a good engineer? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_





## One-Year Scholarship Activation Form

*Payment to your college or university will not be made without this form. Please print clearly*

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Full Name

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Home Address

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City, State, Zip

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Home Phone | Cell Phone

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Email address

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Student Identification number – *use of this is solely to be used when payment checks are submitted*

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College You Will be Attending in Fall

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College Address Where Payment Should be Sent (for example, Virginia Tech – Bursars Office)

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City, State, Zip