



**Wisconsin
Mathematics
Education
Foundation**

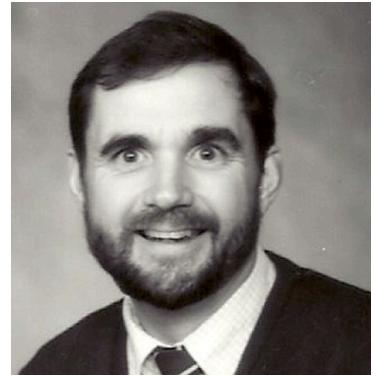
**The Arne Engebretsen Memorial Scholarship
For High School Seniors**

\$2,000 Scholarship

Applications are due by March 1

WMEF offers a \$2,000 scholarship opportunity for a Wisconsin high school senior who plans to attend a Wisconsin-based college or university and major in mathematics education or have a mathematics concentration at the elementary education or the middle school elementary level.

The Arne Engebretsen Memorial Scholarship was established to honor the man who dedicated his entire teaching career to improving the quality of mathematics education in the state of Wisconsin, the country and the world. He was, in the finest sense, a master teacher. Integral to his work was the use of technology and more specifically, hand-held graphing calculators.



Last Name	First	Middle
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Home Address	City	State	Zip
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Phone	Email
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High School	Graduation Date
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Intended College/University	Intended College Major
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Intended Grades You Wish to Teach: K-5 6-8 9-12
(mark all that apply)

I certify that the information submitted is correct, the responses to the questions are my own original work, and I understand that falsification of any information submitted by me for scholarship consideration may result in loss or forfeiture of any award.

Signature of Applicant	Date
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See Page 2 for a List of Application Materials

Submit the completed application form (above) and the additional materials described below via email by March 1 to wmef@wismath.org

Late or incomplete applications will not be considered. Applicants will be notified of the status of the award by April 1. The decision of the Selection Committee is final.

Arne Engebretsen Memorial Scholarship Materials*
(Please create pdfs to attach to your email.)

- A. Submit a PDF of an official transcript of grades through the first semester of senior year.
- B. Submit a PDF of an official letter of support. The letter should be between 300 to 500 words from a mathematics instructor, preferably one who is a member of the Wisconsin Mathematics Council. You may submit the letter with your materials or ask the author to submit the PDF to the email address above. In this letter, please ask the author to address the following topics:
 - a. A statement of the experience the writer has had with the student.
 - b. Leadership ability of the student.
 - c. Activities in which the student has participated related to the teaching of mathematics.
 - d. Supporting evidence of the student's interest in teaching and mathematics.
 - e. Supporting evidence of the student's potential success as a teacher.
- C. Read the following documents before writing and submitting your statement:
 - Arne's [biography](#)
 - The article titled [A Pleasure of Teaching Without Teaching](#)
 - [Example 2 from Arne's classroom in this linked article](#)
- D. After reading the above information, submit a PDF of your written statement as a response to the following questions. Be sure to respond to each question completely. Your statement should be no more than three pages total using no smaller than 12-point Arial font:
 1. Considering history and the events in our world, why do you feel it is important for students to learn mathematics?"
 2. Given the challenges of being a teacher, provide the specific details of who and/or what events inspired you to pursue a career in teaching.
 3. As an educator, how will you facilitate students using experimentation, recognition of patterns, and coming to conclusions in order to learn mathematics? How could technology foster this?
 4. Looking forward, consider one quality of Arne as a teacher. How will you continue his legacy in your mathematics teaching?
- E. Submit a PDF of your resume that includes activities, honors received, and organizational memberships that demonstrate your interest in mathematics education.

*Complete all submissions using 12-point Arial or similar font.

Candidates will be evaluated using the following criteria:

Academic record 20%
Teacher letter of support: 20%
Essay Question Responses: 60% (15% per question)