I. ELIGIBILITY:

Y/N

• Each recipient must be an undergraduate enrolled full-time and in good standing at Winona State University (minimum of 12 credits per semester, Fall and Spring).

Y/N

• Each recipient must be admitted into the Composite Materials Engineering Program.

Y/N

• Each recipient must have a minimum GPA of 2.75 (4.0 = A).

Y/N

• Each recipient must demonstrate initiative and have hands on experience in the Engineering field by providing evidence of their work (research/project) as part of the application process. The evidence can include photos, videos, power point, narrative, etc.

Sample projects may include (but not limited to):

1. Independent research or project
2. Research or project design in partnership with a company
3. Composites outreach (working with STEM program or visiting High Schools to get kids excited about composites)
4. No project is too large or too small. Share your creativity and passion for composite material engineering.

The selection process for the Stan Prosen Memorial Composite Materials Engineering Scholarship will be anonymous. The application shall include student’s ID number, instead of name. The scholarship(s) shall be given to recipients who meet the eligibility requirements listed above. The award is to be made only if there is a qualified candidate. This scholarship is not renewable.

Submit 2016/17 academic year applications electronically by April 4, 2016 to:
Carol O’Laughlin  COLaughlin@winona.edu
Sample Application
Warrior ID: xxxxxxxx
Project Name: Key Log – Log Rolling
Goal: Design and manufacture a portable synthetic rolling product

History: In 2005, the Hoeschlers were working to start the first European log rolling program, in conjunction with a Sister-City cultural exchange program. All systems were "go" and the only thing holding the exchange back was the log. Europe didn't have the required species of wood, and shipping costs and agricultural restrictions prohibited transporting five-hundred pound cedar logs across the ocean. Born partly out of frustration, the Hoeschlers had a eureka moment: log rolling would never grow as a sport until it had a lightweight, portable, synthetic product. The idea for the Key Log was born but it would take five years, and the right person, to get the idea off the ground.

2010 Key Log: Idea into Reality

With an art history degree in her hand, Abby Hoeschler, the youngest daughter, accepted an offer to take her mother’s Key Log vision from an idea to a reality.

April 2011 A Successful First Prototype

With the help of some enterprising entrepreneurs, Abby Hoeschler found two ready and willing composite engineering students at Winona State University. Calvin Skeim & Austin Erdenberger tested and proved the idea for a lighter rolling log was mathematically possible. They spent months hand-building the first prototype with wood, fiberglass, styrofoam, and glue.

May 2012 Partnership: Key Log and Wenonah Canoe

Good ideas and successful prototypes are one thing; finding a creative and experienced manufacturer is quite another. Wenonah Canoe has been designing and manufacturing the best high performance canoes in the country for over 40 years. Mike Cichanowski, founder of Wenonah Canoe, has the know-how (and the equipment) to turn out Key Logs by the truckload.
August 2012 Key Log at Outdoor Retailer

After months of testing materials and building prototypes, we tested the market at the Outdoor Retailer show in Salt Lake City. It was good to see others share our excitement about making log rolling accessible to a wider audience.

October 2012 Training Wheels are the Key

By nature, log rolling logs are fast. We wanted to slow the Key Log down enough to give people time to figure out the foot work. We knew we were on to something big when Jay Hoeschler tested the prototype wearing his waders and stayed on longer than he ever has without them!

April 2013 First Key Logs ready to ship!

After years of conceiving, planning, testing, retesting, prototyping, Key Log was finally ready for prime time. Thanks to the efforts of student engineers, Calvin Skeim and Austin Erdenberger; Mike Cichanowski and his team at Wenonah Canoe, and our own Key Log team, we were finally ready to ship the first Key Logs to summer camps and individuals.

http://vimeo.com/33509990