



The Gustav E. and Betsy S. Schrader Scholarship for Engineering

Gustav E. Schrader (1923-2023) graduated from Rensselaer Polytechnic Institute with a Bachelor of Science in mechanical engineering. He built a storied engineering and manufacturing career in roles ranging from design team manager on several space satellites to overseeing worldwide manufacturing activities for TRW. Mr. Schrader contributed to several books and authored or co-authored more than 20 technical articles on manufacturing and engineering topics. He was named in eight issued patents and in 1981 he received the Engineer of the Year Award for Northeast Ohio. Mr. Schrader was a philanthropist, active in many organizations including the Orange Kiwanis, American Red Cross, Plymouth Church, and the Kolff Foundation, to name a few.

Betsy S. Schrader (1922-1998) was a successful pioneer in numerous fields over her lifetime. A Cornell University graduate, she had her own Armed Services radio show before taking over all of the food services at Rensselaer (where she met Gus). While being a mom to their three children, Betsy found time to host hundreds of foreign visitors, over three decades, thru the Cleveland Council on World Affairs. Her love for language, and recognition of the massive need for translation support, compelled her to found the Cleveland Language Bank. This Non-profit service provides 24/7 translation support, in over 150 languages, to support public safety encounters where language becomes a barrier to safe and productive outcomes. She gave much of her life selflessly in service to others in the schools, churches, and communities she lived life in.

SCHOLARSHIP CRITERIA:

A graduating senior, majoring in below listed majors, who will attend one of the listed colleges (see below) in the fall, may submit a completed application for consideration. The completed application should include a letter of recommendation from a math or science teacher, and an official transcript.

During college, the following criteria must be achieved:

- the student must have completed their year with no course failures, and
- the student must not have received a grade (or equivalent) of a “C” in more than one required course, and
- the student must not have received a grade (or equivalent) less than a “C” in any course, and
- the student’s overall grade level must be a “B” (or equivalent) or higher, and
- no required course may be dropped by the student.

Two students will be selected, each to receive \$10,000.00 per year for their sophomore, junior and senior years of college, for a total award of \$30,000.00.

At the end of freshman year, the selected student(s) will submit to the Orange Schools Foundation his/her transcript that reflects a full year's worth of credit and a cumulative GPA of 3.0 or higher. Upon the Foundation's receipt of the documentation (which must be submitted no later than 7/1), a check for \$10,000.00 will be issued to the university. This process will be followed for two more subsequent years. This scholarship will be void if the student does not meet the academic requirement, changes major, and/or transfers to a college not on the list.

Approved Majors:

Aerospace Engineering, Chemical Engineering, Biomedical Engineering, Civic Engineering, Electrical Engineering, Material Sciences, Mechanical Engineering, Robotics Engineering and Industrial Engineering.

Approved Colleges/Universities:

Harvey Mudd College, Rose-Hulman Institute of Technology, Massachusetts Institute of Technology, Stanford University, University of California-Berkeley, California Institute of Technology, Georgia Institute of Technology, University of Illinois - Urbana-Champaign, University of Michigan, Carnegie Mellon University, Cornell University, Purdue University- W. Lafayette, Princeton University, University of Texas - Austin, Northwestern University, University of Wisconsin-Madison, Ohio State University - Columbus, Rensselaer Polytechnic Institute, University of Minnesota, Penn State University, Michigan State University, Clarkson University, North Carolina State University and Bucknell University.

TO APPLY: Visit Mrs. Petronsky's Google Classroom / Scholarships OR Check your Student Email for a link to the online application.