The Carl L. and Sandra E. Wright Scholarship for Women in Science, Technology, Engineering and Math (STEM)

Scholarship Overview

The Carl L. and Sandra E. Wright Scholarship for Women in Science, Technology, Engineering and Math (STEM), was established by Carl and his wife Sandra to recognize female undergraduate students majoring in STEM fields.

This scholarship honors the outstanding women scientists and engineers who Carl is proud to have had as colleagues in shared pursuit of discovery and creation.

Scholarship at a Glance

- One or more $5,000 award will be made each year and will be awarded to a female undergraduate student majoring in a Science, Technology, Engineering, or Math field, who has excelled in her studies, and demonstrates significant career potential.
- Continuing undergraduate students and entering high school graduates are eligible.
- This one-time scholarship will be payable to the college or university after proof of acceptance and registration.
- Priority will be given to students from disadvantaged backgrounds and those who are the first in their families to attend college.
- Priority will be given to students studying genetic engineering and biotechnology within the STEM spectrum.
- Residency in El Paso is not a requirement.

RULES AND REQUIREMENTS

To be eligible for the Carl L. and Sandra E. Wright Scholarship for Women in STEM, an applicant must:

- Be a female student pursuing an undergraduate degree in one or more of the areas of Science, Technology, Engineering or Math, either as an existing undergraduate student or an entering college freshman.
- Have a 3.0 or better cumulative GPA; and
- Graduating High School Seniors must meet all graduation requirements by June of their graduation year, as specified by the school district attended; and

- Have been accepted for enrollment to an accredited college or university; and
- Must be enrolled full-time in such institution of higher learning and show proof of enrollment.
- Scholarships will be payable to the college or university after proof of registration is provided.
- Scholarships cannot be deferred.

Application Procedure

- Complete and upload or deliver the application packet; and
- Upload two letters of recommendation, dated and signed: Each should be a one-page letter of recommendation from a person in authority, such as college faculty or staff, community member, employer or civic leader who is familiar with your abilities, work habits, integrity and potential (letters may not be from family or household members); and
- Upload unofficial college transcript as of the January of the enrolling year.

Selection Criteria

In determining the recipients, the Scholarship Committee shall consider how well the applicant matches the specifications outlined in the award description, in addition to the following criteria:

- Has the applicant demonstrated high scholarship (3.0 GPA) performance both in STEM and overall studies,
- Does the applicant have potential and intention for continued scholastic development in STEM,
- Does the applicant have financial need based on economic status of 200% of Federal Poverty Level
- Is the applicant a member of one of the following underrepresented demographic groups: Hispanic, African American, Native American or Pacific Islander,
- Is the applicant pursuing studies in genetic modification or other areas of bioscience?

Questions

Please address questions related to this award to Mica Short at (915) 218-2641 or mshort@pdnfoundation.org

About Carl and Sandra Wright

Carl is a native of El Paso who graduated from Irvin High School and received Bachelor's and Master's Degrees in Electrical Engineering from the University of Texas at El Paso. Sandra is a native of Albuquerque, New Mexico and attended Mills College with a focus in art history. She earned a full scholarship.

Carl had a diverse engineering career that included laser and solar research at Sandia National Laboratories and computer software development related to: electrophoretic computer displays, laser refractive eye surgery instruments, biometric security and high throughput screening for pharmaceutical discovery.

Sandra's career included Marketing and Media

The Wrights moved to the island of Kauai, Hawaii in 1999 where Carl continued to work as a contractor for various California technology companies before retiring in 2015. Sandra was Marketing Director for a botanical garden and sculpture park on Kauai and retired in 2001.

For Internal Use Only Application #_____

Carl L. and Sandra E. Wright Scholarship for Women in Science, Technology, Engineering and Math (STEM)
Application 2020 for Current Undergraduate Students

Completed application MUST be submitted by 5 p.m. on February 28, 2020.

By email to: **WrightSTEMScholarship@pdnfoundation.org**
or

A hard copy **may be mailed or hand-delivered to:**

The Carl L. and Sandra E. Wright Scholarship for Women in Science, Technology, Engineering and Math
c/o Casie Pedregon
Paso del Norte Community Foundation
221 N. Kansas Ste. 1900
El Paso, Texas 79901

Incomplete or late applications will not be considered.

For more information, contact
Casie Pedregon at (915) 218-2644, cpedregon@pdnfoundation.org

APPLICANT INFORMATION (Must be typed):

Name:_____

Home Address: _____ZIP:_____

Home Phone: _____ Cell Phone: _____

E-mail: _____

Parent/Guardian Name(s): _____

Current Undergraduate or Trade School Classification:_____

Graduation Date:_____ Grade Point Average: _____

Major: _____ Minor:_____

For Internal Use Only Application #_____

BACKGROUND

Father's/Guardian's Name _____ Occupation _____

Mother's/Guardian's Name _____ Occupation _____

Are you the first person in your family to go to college? _____ Yes _____No

List amount of scholarships awarded to date and the amount of each:

_____

_____

Did you apply for FAFSA? Yes _____ No _____
(Free Application for Federal Student Aid)

Anticipated tuition and related expenses for 2020-21 school year: $_____

With my signature below, permission is hereby granted to school officials to release my school records, if necessary, for review by the Carl L. and Sandra E. Wright Scholarship for Women in STEM Selection Committee and/or Paso Del Norte Community Foundation, and I hereby grant permission to publish information about me, such as biographical information, photographs and video. With my signature below, I certify that: (1) All of my responses herein are true and correct; (2) I am a current undergraduate student in good standing; (3) I am currently enrolled in an undergraduate program studying a STEM field; and (4) I am currently enrolled at an accredited institute of higher education.

Student's printed name, signature_____

Parent/Guardian's printed name, signature_____

Counselor/Advisor printed name, signature_____

List all community service, volunteer work and paid work you have done as a student. Explain how those experiences changed you: 0-10 points

List all extracurricular activities: 0-10 points

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List other significant accomplishments: 0-10 points
(Academic Honors, Student Clubs and/or Organizations; Demonstrated Leadership)

Provide 2 letters of recommendation (**Maximum total of 10 points**): 0-10 points

Select and respond to **two** of the following four essays questions. (**Maximum total of 40 points**).

Limit your essays to one page each, double-spaced with 12-point font and one-inch margins; a minimum of 250 words is required for each:

Essay 1: Why have you selected to pursue studies in the STEM field that you have chosen? 0-20 points

Essay 2: After graduation, how do you plan to use your STEM degree to contribute to society? Why is this important? 0- 20 points

Essay 3: Tell us about someone who has made a significant impact in your life and has inspired you to study a STEM field. 0-20 points

Essay 4: Describe your strengths and attributes and how they will contribute to your success in your chosen STEM field. 0-20 points

Preference Points:

Are you a woman of Hispanic, African American, Native American, or Pacific Island heritage and is your family's total income within 200% of the federal poverty level (FPL) 0-10 points

Do you intend to study genetic modification or other areas of bioscience? 0-10 points