

## Henry Booker Award for Exemplary Ethical Engineering

The purpose of this award is to commemorate and honor the legacy of Professor Henry Booker, by annually celebrating a top-level graduate student who is an exemplar of ethical engineering practice and engineering for the global good in the Jacobs School of Engineering at UC San Diego. Professor Booker was a superb teacher and insightful researcher. He was a pioneer in research on the theory of propagation of radio waves in the ionosphere and magnetosphere, and near Earth's surface, on antennas, and on other aspects of electromagnetism. Most importantly, he taught his students and mentees how to learn and that learning sustains life in its full measure.

The award will be presented to one exceptional PhD student who is performing exemplary ethical and socially responsible research that will make a positive impact on society. The award will be \$1,500 granted to the selected student. The award must be in addition to any other financial support received by the graduate student.

Background: The Henry Booker Award for Exemplary Ethical Engineering is made possible through the generosity of an alum who received their Ph.D. in Applied Physics & Information Science from UC San Diego in 1968. This endowed research award was created in honor of their PhD mentor, Professor Henry Booker, to encourage engineers to broaden their perspective and use their knowledge to make a positive impact on society. This comes with the faith and confidence in the Jacobs School of Engineering's mission to continue to use engineering for the global good and the belief that an ethical and socially responsible person will be "rewarded with health and happiness."

### Eligibility:

- PhD student in their last year of study
- Research must be an exemplar of practicing ethical engineering and/or engineering for the global good
- GPA 3.5 or higher
- Agree to be publicly recognized as recipient of this award

### A nomination should consist of:

- A 2-page letter on the faculty letterhead summarizing the basis of the nomination and how the nominee qualifies as an exemplar of ethical engineering. The letter should also confirm that the student is in the last year of their study and will defend in 2022
- A 1-page resume of the nominee
- A 1-page nominee's statement describing how they are engaged in exemplary ethical engineering and performing ethical and socially responsible research that will make a positive impact on society

**Each department is eligible to submit one nomination.** All nomination materials should be sent in one merged pdf document to Leila Copes <lcopes@eng.ucsd.edu> **no later than April 18, 2022.** Awards will be announced in May 2022.