ESTABLISH A NEW NATIONALLY COMPETITIVE PROGRAM

Computer Science is an enabling technology that permeates and advances virtually all areas of 21st century life. Tulane has re-established computer science with a goal of leveraging existing excellence in engineering and science to build a leading program in computer science and its applications.

Tulane eliminated the computer science major as part of its Plan for Renewal after Hurricane Katrina. Ever since, Nick Altiero, dean of the School of Science and Engineering, has been determined to bring it back.

“We envision a bachelor’s program in computer science, but our priority is to get a doctoral program started.”
- Dean Nicholas Altiero

ADVANCING COMPUTER SCIENCE AT TULANE

In 2013-2014 a coordinate major in computer science was established to provide an interdisciplinary and applied program open to all undergraduate students. With over 50 coordinate majors in the program, Tulane is supplying innovators who utilize the tools of computer science to achieve advances as wide ranging as drug discovery, GPS devices, smart devices and cybersecurity. The program provides core excellence in computer science while building a dominance in research areas such as artificial intelligence, computational biology, in computational geometry and in the foundations of the subject.

FACULTY GROWTH

Increasing the number of faculty is integral to meeting the cross-campus demand. We envision having up to 15 regular faculty members within the next five years to support the current program, to establish a PhD program, and to begin offering an undergraduate major.

PH.D. PROGRAM

Establishing a Ph.D. program in computer science would attract students interested in obtaining a graduate degree and applying that knowledge to related areas. Retaining faculty who achieve excellence in research requires a doctoral program.
AS COMPUTER SCIENCE IS VITAL TO OUR FUNCTIONING WORLD, NOW, IT IS ESSENTIAL IN CREATING ADVANCEMENTS WE NEVER KNEW EXISTED. AS AN IMPERATIVE TECHNOLOGY ON CAMPUS, THE OPPORTUNITY TO BUILD A CUTTING EDGE PROGRAM INCLUDES:

HOW YOU CAN HELP BUILD AN IMPERATIVE TECHNOLOGY
Your investment in faculty positions, scholarships, fellowships and research funds would catalyze faculty collaboration and garner support for this important initiative.

COMPUTER SCIENCE ENDOWED FACULTY POSITIONS
Support a faculty member who has made significant contributions in research and teaching.

SCHOLARSHIPS & GRADUATE FELLOWSHIPS
Provide critical scholarship funds for current students or important fellowship opportunities for graduate students.

COMPUTER SCIENCE ENDOWED FUND
Support provides funding for seminar speakers, student activities and course development.

CLASSROOM FACILITIES & LABS
Provide infrastructure support through a teaching lab and research labs. Teaching labs allow students to work collaboratively and with uniform equipment.

RESEARCH & TEACHING EXCELLENCE FUNDS
Enhance new or existing research programs within computer science.

Tulane University
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