

CCSDS REU SCHOLARSHIP APPLICATION

General Information

First name: _____

Last name: _____

SID: _____

Major: _____

Contact Information

Email: _____

Phone: _____

Cell: _____

Address: _____

City: _____ State & Zip: _____

Application Information

Please list the names of the two instructors that will be recommending you:

View back of this flap for further instructions

Application Requirements

- Sophomore standing or higher
- Complete included form
- Current transcript
- Personal Statement
- Vision Statement
- letters of recommendation from any 2 instructors

Review Process

This is a competitive scholarship designed to reward characteristics and potential within an individual which are not readily apparent. Applications are reviewed by a committee and are evaluated based on overall potential and dedication of the students.

Our mission is to find promising young students who are willing to learn. Although GPA is a contributing factor, it is not a determining one.

In order to ensure an exceptional experience for all student accepted into the program, interdisciplinary affinity research pods (ARPs) will be established. The number of **available spots for candidates from each major will be limited** by the size and number of ARPs and their research topics.

How to apply online: click in the link or copy and paste on your browser http://www.uhd.edu/academic/colleges/sciences/ccsds/CCSDS_REU/index.html Then scroll down and you will find the application in the bottom of the page, fill the application and follow the instructions how to submit your application.

Center for Computational Sciences
One Main Street
Suite 722 South
Houston, TX 77002

Phone: (713) 221 - 8207
Fax: (713) 226 - 5290
E-mail: huertao@uhd.edu/fonsecad@uhd.edu

CCSDS Research Scholarship/Internship

Spring 2012 Affinity Research Pods
Research Experience for Undergraduates (REU)

Eligible majors:

- Computer Science
- Mathematics
- Statistics

Students with a minor in the above fields or those possessing significant background and/or interest in these fields may apply as well. Please apply early since eligibility is assessed on case-by-case basis and additional documentation may be required.

Deadline: January 24, 2012 at 8:00 am



CAHSI
COMPUTING ALLIANCE OF HISPANIC-SERVING INSTITUTIONS

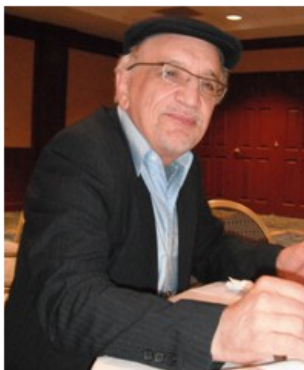
<http://www.CAHSI.org>

For more information contact CCSDS at

(713) 221 8207

Research Experience for Undergraduate (REU) Students

A Word from the Director



As part of CCSDS's commitment to the advancement of UHD students in STEM fields, each semester we provide students with the opportunity to take part in REU programs funded through various national agencies and organizations. As a member of the UHD community and a fellow research advisor I encourage all UHD students to apply for this program.

ABOUT CCSDS

The Center for Computational Science and Advanced Distributed Simulation (CCSDS) activities revolve around Computational Science – the science of solving real world problems (in various disciplines) using High Performance Computers. The Center provides a range of activities which serve as a focal point for opportunities that help produce better qualified students to enter all programs offered at UHD and beyond.

ABOUT CAHSI

Computing Alliance for Hispanic Serving Institutions is part of the National Science Foundation's Broadening Participation in Computing program with the following goals:

- Increase Hispanic students in computing professoriate/workforce with advanced degrees.
- Support retention and advancement of Hispanic students and faculty in computing areas
- Develop and sustain competitive academic and research programs at HSIs.

PROGRAM OBJECTIVE

This program is designed to create a unique interdisciplinary research opportunity for UHD students to gain valuable experience and acquire critical skills essential for undergraduate students.

AFFINITY RESEARCH POD (ARP)

Affinity Research Pods (ARPs) are interdisciplinary groups of students focused on a common goal. The disciplines represented by the ARP members are directly related to the focus of the particular research topic.

ARPs bring together individuals with different perspectives and expertise allow for a rich exchange of ideas and wholesome learning experience for those involved. ARP members are encouraged to work and socialize outside of their research environment to further enhance their abilities to communicate ideas and to share knowledge critical to the learning process. Such research environments foster constructive collaboration, team based learning and important real world skills.

ARP RESEARCH ADVISORS



Richard A. Aló

Executive Director, CCSDS



Ping Chen

CMS Instructor



Hong Lin

CMS Instructor



Erin Hodgess

CMS Instructor



Ongard Sirisaengtaksin

CMS Instructor

Application Packet Requirements:

RECOMMENDATION LETTERS

Request and submit letters of recommendation from two instructors. The instructors do not have to be in a field related to this research.

CURRENT TRANSCRIPT

An unofficial copy of your transcript (as printed from e-services) will suffice. Please note that while academic experience and GPA contribute to the final decision in application process, they are not a determining factor.

PERSONAL STATEMENT

Please submit, along with your application, a one page essay on your academic progress and goals. This should outline your personal aims and motivations for pursuing your current degree and future career paths you are considering.

VISION STATEMENT

Please submit, along with your application, a one page essay on your understanding of critical topics in your field and their computational aspects. You can broadly explain how computational models, simulations and visualization tools can contribute to the aforementioned critical topics of your field.

DEADLINE

Please note that the deadline to apply is January 24, 2012 at 8:00 am

. . . .

OPEN DOOR POLICY

Applicants that do not meet scholarship requirements or submitted their applications after the deadline, may still be given the opportunity to partake in research without a scholarship. This allows students better prepare themselves for the next application cycle by increasing their skill set and experience.