



## UGI- CSTEM

Undergraduate/Graduate Student Immersion-  
Computer Science, Technology, Engineering and  
Mathematics



UGI-CSTEM is an NSF funded project that seeks to:

**Increase** *recruitment and, retention of*

Computer Science, Technology, Engineering and Mathematics students at UHD with a special focus on academically talented but financially disadvantaged (including traditionally underrepresented minorities, women and persons with disabilities)

**Enhance** the undergraduate learning environment at UHD to produce high quality and highly competitive undergraduate/ graduate students.

**Strengthen** *transition* programs to facilitate successful transfer from UHD to graduate school.

This is a joint program between University of Houston Downtown and University of Houston to:

- **foster collaborative scholarly and educational activities** between undergraduate/ graduate students;
- **help students succeed** toward graduation,
- **prepare them** to pursue and successfully attain a **graduate degree** in their field.

Students participating in this program receive a stipend of **up to \$10,000** per academic and are required to participate in the program's scholarly and educational activities.

Collaborative Learners Community Center



Scholar Academy Colloquium



Programming Contest



## Stipends

Up to \$10,000 per academic year, dependent on student's FAFSA determined eligible loan amount.

## Program Requirements

- Students commit to at least 2 semesters in which they participate in research/directed studies in areas relevant to their project, and other educational activities as recommended by their UGI-CSTEM-Faculty Mentor.
- Submit reports at the end of each funded semester summarizing their activities.
- Present their work at local, regional, and/or national meetings as recommended by their UGI-CSTEM Faculty Mentor.
- Maintain a minimum 3.0 GPA every semester the student participates in the program.

## Eligibility Requirements

- Be a citizen or permanent resident of the US
- College applicants must satisfy
  - Minimum 2.5 GPA (on a 4.0 scale) in college
  - Declared major in Computer Science
- High School applicants must satisfy
  - Minimum score of 450 on SAT math and verbal exam sections
  - Credit for at least pre-calculus

Declare major in Computer Science

## The application materials:

- A completed [UGI-CSTEM application form](#)
- One-page typed statement of applicant academic and professional goals
- Copy of official high school and/or college transcript(s)
- Copy of current SAT or other standardized exam scores (i.e. ACT) for High-School applicants
- A sealed recommendation letter from current counselor or instructor
- A copy of proof of your financial need (i.e. printout from your financial aid e-account)

Submit application material to [berracheda@uhd.edu](mailto:berracheda@uhd.edu) or send/submit to:  
Dept of Computer and Mathematical Sciences,  
1 Main Street S705, Houston, TX 77002 (Att. UGI-CSTEM Program”).

UHD Students at Microsoft



UHD Graduate Student Fair



Collaborative at Microsoft



# UGI-CSTEM Application Form

**INSTRUCTIONS:** Please carefully read all questions and complete the entire application. Submit this form **together** with the one page essay, transcripts, sealed letter of recommendation, and proof of financial need. Submit all files to [berracheda@uhd.edu](mailto:berracheda@uhd.edu) or send to: Dept of Computer and Mathematical Sciences, 1 Main Street S705, Houston, TX 77002 (Write: Att. UGI-CSTEM Program"). *Application deadline for Spring 2011 is Nov 28, 2011.*

## PART 1. PERSONAL and CONTACT INFORMATION

1. Full Name \_\_\_\_\_
2. UHD Student ID/SSN \_\_\_\_\_
3. Date of Birth \_\_\_\_\_ 4. Gender \_\_\_\_\_
5. U.S. Citizen?    Yes        No                      If no, Permanent Resident?    Yes        No
6. Ethnicity/race:    Hispanic or Latino    Non-Hispanic and Non-Latino    Native American    Asian  
                         African-American                      Native Hawaiian or Other Pacific Islander    White/Caucasian    Other
7. Address \_\_\_\_\_  
\_\_\_\_\_
8. Home Phone \_\_\_\_\_ 9. Cell/Other \_\_\_\_\_
10. Email Address \_\_\_\_\_
11. Emergency contact: Full Name: \_\_\_\_\_  
   Relationship \_\_\_\_\_ Contact Number(s) \_\_\_\_\_

## PART 2. EDUCATIONAL INFORMATION

12. Semesters attended at UHD \_\_\_\_\_ 13. Transferring from: \_\_\_\_\_
14. Major \_\_\_\_\_ 15. Minor \_\_\_\_\_
16. College GPA \_\_\_\_\_ / Major GPA \_\_\_\_\_
17. Expected college graduation date \_\_\_\_\_

## PART 3. SUPPLEMENTAL INFORMATION

18. Are you currently employed?                      Yes        No  
Employer: \_\_\_\_\_ Position: \_\_\_\_\_ Working Hours/week: \_\_\_\_\_
19. How did you initially hear about UHD UGI-CSTEM Program?  
P oster/Flyer    NSF website    Teacher (please specify his/her name) \_\_\_\_\_  
Other (please specify name and/or event) \_\_\_\_\_

I certify that this information is complete and accurate to the best of my knowledge. I authorize the UHD UGI-CSTEM Selection Committee to review my application. If accepted, I further authorize use of photos and release of information deemed necessary for publications by the university and UDI-CSTEM Program.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_