

Since 1989, **HOUSTON PREP** has had more than 3,000 students complete at least one summer program of **Houston PREP**. In a **HOUSTON PREP** follow-up survey it revealed the following college graduation statistics:

College Graduation Rate is 96%:

- 92% of college graduates are members of underrepresented groups.
- 48.7% of college graduates are in engineering, mathematics, or science related fields.



Quotes From Former **HOUSTON PREP** Students

- "Being in PREP was a wonderful experience that exposed me to mathematics and science while making new friends and spending summer wisely." Claudia Martinez, UH-Downtown
- "I enjoyed the hands-on projects; they really let me explore my abilities. PREP assisted in my receiving over \$265,000 in scholarships and awards." Janet Radford; MIT
- "PREP taught me very important and relevant problem solving skills." Sylvia Gonzalez; Texas Woman's University
- "The computer and problem solving skills that I gained from PREP helped me to be better prepared for college." Moses Hernandez; UH-Downtown
- "I greatly thank PREP for truly preparing me for my senior year and college." Kimberly McWilliams; Texas A&M University.



For further information, contact
University of Houston's
HOUSTON PREP's
coordinator, Sangeeta Gad, at
(713) 221-8686
or visit the website:
www.uhd.edu/prep

**HOUSTON
PREP** is an
intensive,
mathematics-based
**P R e -
F r e s h m a n
E n r i c h m e n t
P r o g r a m**,
which
provides
educational
enrichment
opportunities
for high
ability
middle and
high school
students.

HOUSTON PREP
University of Houston Downtown

"Acquiring knowledge
and enriching the lives
of future professionals."



Since
1988

UHD
UH-Downtown

UHD
UH-Downtown

Tel: (713) 221-8686



Center for Computational Sciences (CCSDS) is a research center at the University of Houston-Downtown. CCSDS community activities comprise of very successful programs for pre-college and college students whose interests lie in science, technology, engineering or mathematics (STEM). Pre-College Programs, directed at middle and high school students, include **HOUSTON PRE-Freshman Enrichment Program (HOUSTON PREP)**, Saturday Academy, and Scholarship opportunities. For more information about these programs, visit www.uhd.edu/ccsds.

Mission:

- Provide students with unique, high quality experiences in STEM designed to prepare them for pre-college classes, college programs and jobs in STEM fields.
- Provide students the opportunity to successfully negotiate studies in a college environment and to gain experiential knowledge of college life and educational opportunities.
- Provide students, especially women and the disadvantaged, the opportunity to learn about careers in STEM and the steps required to obtain these careers.

Vision:

- To provide a creative, challenging, premier program where students develop lifelong learning skills to enhance their individual success.

at the University of Houston-Downtown

Who Can Attend?

Middle school and high school students from the Greater Houston Area who are high achieving and are interested in learning about the engineering and science professions.

What Is The Eligibility Criteria To Apply?

- Applicants **must** have successfully completed the 7th, 8th, or 9th grade prior to entering the First Year of PREP.
- All 8th and 9th grade applicants must have a "B" or better overall average in their academic courses during the 2007- 2008 school year at the time of application.
- All seventh grade applicants must have an "A" average.
- Applicants must have satisfactory conduct grades throughout the academic year.
- **HOUSTON PREP** is a four-year educational program. Only students who have successfully completed the First Year are eligible for the Second Year Program. Promotion requires completion of the previous year(s). No years may be skipped.

Deadlines and Dates:

- The **HOUSTON PREP** application will be available in January 2008 via the website: www.uhd.edu/prep
- The deadline to apply for Houston PREP is **March 28, 2008**.

When is HOUSTON-**PREP**?

June 9 - July 18, 2008
(Monday - Friday).

Where?

University of Houston-Downtown (UHD).

What Are The Costs?

There are no tuition or fees to attend

HOUSTON PREP.

Transportation?

Busing from Aldine, Galena Park, Sheldon, Spring, Spring Branch, and Houston I.S.D. have been provided in past and will be requested for **HOUSTON PREP** 2008.

What Do I Get?

Problem Solving Skills; New Friends; Career Exploration; Academic and Career Counseling; Experience College Environment; Exposure to the Performing Arts; Exposure to Advanced Technology; Valuable Preparation for high school and college mathematics and science courses.

Who Will Teach?

Classes will be taught by college professors, scientists, engineers, mathematicians, and premier high school teachers. Plus, college students serve as mentors and tutors.

Why?

Explore and prepare for careers in demanding fields, such as science, computer science, engineering, and mathematics.

How Can I Apply?

- Obtain permission from your parents/guardians.
- Complete the entire application form.
- Write a 250 word essay on why you wish to attend **HOUSTON PREP.**
- Obtain two recommendations: one from your math teacher **and** one from your science teacher, English teacher or counselor; enclosed into a sealed envelope.