

**SAM HOUSTON STATE UNIVERSITY
DEPARTMENT OF MATHEMATICS & STATISTICS
&
NATIONAL SCIENCE FOUNDATION**

Longterm Undergraduate Research Experience (LURE)

2008-2009 Application

The SHSU Department of Mathematics and Statistics will receive National Science Foundation (NSF) funding for a series of Undergraduate Research Fellowships, beginning 2008. Sam Houston students will receive support for up to two years to collaborate with mathematics faculty on undergraduate research.

Beginning in June 2008, we will offer six fellowships under the supervision of Dr. Ken Smith and other SHSU math faculty.

Applicants for this program should be first- or second-year students at SHSU. Students need not be math majors but must be willing to commit to a program of study in mathematics while involved in this research. Undergraduate researchers will receive summer support of \$ 3500 for a ten week summer program with continued involvement in research throughout the following academic year and an option for renewal for a second summer and academic year. Students will also receive a summer housing allowance.

A completed application consists of two parts:

Part I:

- A completed copy of the second page of this application form;
- A copy of your current college transcript, showing course work through fall 2006;
- Two letters of reference from SHSU faculty or high school teachers who know your work;
- A short statement of purpose indicating your mathematical interests and future plans.

Items in Part I should be submitted by **Friday, February 15, 2008**. Materials should be sent to Ken Smith, either by email (<mailto:KenWSmith@shsu.edu>) or by ordinary mail:

Dr. Ken W. Smith, Chair
PO Box 2206
Sam Houston State University
Huntsville, TX 77341

Part II:

An informal personal interview with SHSU math professors.

Funding guidelines require that participants be citizens or permanent residents of the United States. SHSU students who are not permanent residents or US citizens are encouraged to contact Dr. Smith to pursue alternative research options.

If you have any questions, contact:

Professor Ken W. Smith

(936) 294-1563

email: KenWSmith@shsu.edu

Name _____

SHSU major _____

Expected Date of Graduation _____

Address at college _____

Phone number at college _____

Home address _____

Home phone _____

E-mail address _____

Are you a U.S. citizen or permanent resident? (Required by NSF) _____

Please provide the name, e-mail address, and work phone number of two references:

(Optional) Gender: Male Female

(Optional) I am a member of the following group(s):

African American Asian/Pacific Islander Hispanic

Native American White (non-Hispanic) Other (specify): _____

Please provide a list of all math courses you have taken (and any you expect to complete by May 2008.) When possible include information about the textbook used for these classes.

Attach a sheet, if necessary, to include any additional information that is relevant to your LURE application.