



SURFing Arkansas!

The Summer Undergraduate Research Fellowship (SURF) Program

Qualifications:

Science majors interested in graduate school and pursuing a career in biochemistry and molecular biology

Duration:

10 weeks

Late May to late July
(specific dates vary)

Award:

\$4,000

Housing:

Relatively Inexpensive
Dormitory Rooms Available

Application Deadline:

March 1

Information about the Department of Biochemistry & Molecular Biology and on-line application materials can be found at http://www.uams.edu/biochem/summer_research/default.asp

Program:

Modeled from our graduate program, students participate in an engaging research environment in these areas:

Research Areas:

- Vitamin deficiency and birth defects
- Mapping genetic loci underlying osteoporosis
- RNA Viral replication
- Molecular etiology of cancer
- Antitumor agents, apoptosis, signal transduction
- Gene regulation in eukaryotes
- Biochemistry of glycoproteins
- Molecular mechanisms of gamete maturation
- Molecular biology and genetics of aging
- Biochemistry of detoxication
- Functional role of multi-protein complexes
- Metabolism of fatty acids and vitamins
- Nutrition and gene expression
- DNA methylation and epigenetics in mammals
- Protein-DNA interactions

How to Apply:

Prepare the following:

- *Complete the on-line application form*
- *Official copy of undergraduate transcript*
- *Two recommendation letters from faculty*
- *Items must be **received** by deadline*

Send to:

Summer Undergraduate Research Fellowship
Dept of Biochemistry and Molecular Biology
University of Arkansas for Medical Sciences
4301 W. Markham St, Slot 516
Little Rock, AR 72205

For further details, contact Dr. Grover Paul Miller at (501) 526-6486.