

# Jackson State University SEPA Program

## Summer Research Program Description

### Goals:

- To provide enrichment experiences in research and critical-thinking skills to better prepare SEPA Scholars for scientific study and research.
- To encourage SEPA Scholars to attend college and pursue a science track that will lead to a graduate degree in the biomedical sciences.
- To stimulate an interest in careers in biomedical sciences and in the health professions.

### Objectives:

- To assign each SEPA Scholar a research mentor who will provide guidance, training, support and assistance with assigned research project.
- To provide activities which will enhance each SEPA Scholar's overall academic performance and interest in the science track.
- To improve the SEPA Scholars' scientific reading comprehension, oral and written communication, and critical thinking skills through library assignments, weekly journal club meeting, opportunities for paper/poster presentations, and weekly data analysis sessions with research mentor.
- To provide the SEPA Scholars with role models in the biomedical science and health-related professions through varied interactions with research scholars.

### Activities:

The SEPA summer research program incorporates various activities designed to stimulate and encourage students' interest in the biomedical sciences and the health-related professions. The program includes laboratory research experiences, exposure to state-of-the-art research facilities, interactions with research scientists, training in laboratory safety and research ethics, training in oral and written presentation skills, and enhancement of critical thinking skills. The summer research program will begin on June 2, 2009 and end on July 25, 2009.

### Requirements:

- Rising High School Senior: ACT score of 20 or above and a cumulative GPA of 3.0 or above
- High School Transcripts
- Three letters of recommendation from principal and science teachers