

GARDEN STATE LSAMP

A learning community to increase success and opportunities in non-medical science, math, engineering and technology. The alliance includes 9 schools in central and northern New Jersey that work together to achieve these goals. The GS-LSAMP employs a unique clustering system to expand local opportunities among neighboring institutions. Using public transportation, there will be many local opportunities for enrichment, research and employment.

PARTICIPATING SCHOOLS

NORTH CLUSTER:

Montclair State University, William Paterson University, Bloomfield College, Farleigh Dickinson University

CENTRAL CLUSTER:

Rutgers-Newark, Kean University, New Jersey City University, Essex County College

SOUTHERN CLUSTER

Rutgers-New Brunswick – School of Arts and Sciences, School of Engineering, School of Environmental Biology and Sciences



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EXCITING OPPORTUNITY

GARDEN STATE LSAMP

**LOUIS STOKES ALLIANCE FOR
MINORITY PARTICIPATION**



RUTGERS UNIVERSITY-NEWARK

FACULTY OF ARTS & SCIENCES

WHAT IS LSAMP?

STEM fields (Science, Technology, Engineering and Math) are exciting and challenging and lead to rewarding and stable careers. Most of the problems our world faces are being addressed by professionals in STEM areas. Whether it is to address global warming, energy production, food production, finding cures to disease, information technology or space travel, it will require a vast supply of STEM professionals for success. The problem there is a severe shortage of people with this kind of training in the United States. For that reason, the U.S. is falling behind many countries in our ability to compete. In the long run, this will have dire consequences for our country.

To address this need, the **LSAMP** program was initiated by the National Science Foundation. The program was designed to greatly increase the number of professionals in STEM fields from minority groups who are traditionally underrepresented. The idea is to provide support services at many levels to help interested students be successful in STEM majors. The program now has 41 LSAMP alliances and is considered one of the most successful of its kind. The Garden State LSAMP will continue this tradition.

OPPORTUNITIES

LSAMP Scholars have some outstanding opportunities to help them complete a degree in STEM fields.

- 1) Be part of a Learning Community of students who help each other succeed in classes
- 2) Have councilors who will personally help you choose courses and programs to best suit your interests
- 3) Earn stipends for tutoring, leading study groups, doing research, community service, etc.
- 4) Have research experiences in your area of interest in faculty laboratories
- 5) Attend LSAMP conferences in Washington DC to be part of the greater LSAMP community
- 6) Obtain internships in STEM industries for practical experience and to make contacts.
- 7) Graduate with a solid degree and have opportunities for careers or graduate school

Being an LSAMP scholar also gives you opportunities to have international experiences at laboratories through special programs that will provide financial support to you. You also qualify for the Bridges to the Doctorate program which allows you to attend any one of a number of universities

with exceptional financial support for two years just to take courses and a commitment from the department to support you throughout your graduate career.

Finally, STEM professionals are in such high demand that their careers are very stable even in tough economic times. The careers are resistant to layoffs and recessions in general.

HOW DO I APPLY?

You must be an undergraduate student interested in a non-medical science major. Majors include: Biology, Chemistry, Computer Science, Engineering, Environmental Health & Safety, Environmental Sciences, Geology, Math, Physics.

To apply fill out an application: www.afc.rutgers.edu/lsamp.html

For more information contact:

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