
CALIFORNIA STATE
UNIVERSITY, CHICO
PRESENTS



LSAMP

Louis Stokes Alliance for Minority Participation 2009

LSAMP is a CSU program promoting an increase in the number of bachelor's degrees in science, mathematics, engineering, and technology awarded to minority students. We also promote entrance into graduate schools. Our main emphasis is to strengthen problem-solving skills and encourage proficiency and excellence in all academic areas. Senior CSU-LSAMP is funded by the National Science Foundation, under cooperative agreement number HRD 0802628 and the CSU Chancellor's Office.

Our goal is academic excellence by creating pathways to success for all our participants. We are looking for students who are excited by the prospect of contributing to the fields of science, technology, engineering, or mathematics (STEM).

PARTICIPATION

The Louis Stokes Alliance for Minority Participation **Applicants must be enrolled as full time students at California State University, Chico, or neighboring Butte Community College next Fall.**

To be eligible for CSU-LSAMP, students must

- Be a U. S. Citizen or Permanent Resident;
- Be enrolled at a participating campus in an undergraduate major in a STEM discipline or have expressed in interest in pursuing a STEM baccalaureate degree;
- Be an individual who has faced or faces social, educational, or economic barriers to careers in STEM.



The application to attend the LSAMP Summer Calculus Boot Camp is on the reverse of this sheet.

To be accepted into the program, applicants must have successfully completed trigonometry and must be eligible to take precalculus or calculus in the upcoming Fall semester. This means that the Entry Level Mathematics (ELM) requirements must have been met. Applicants must be citizens or resident aliens. Applicants must be members of a group that have traditionally been underrepresented in higher education or face social, cultural, educational, or economic barriers to careers in STEM.

Students in the LSAMP program meet other students with similar interests and motivation to excel. They will improve their problem solving abilities in a collaborative learning environment conducive to success in science, mathematics, and engineering.

LSAMP Student Benefits and Responsibilities

Summer

All successful applicants receive a stipend of \$600, a new graphing calculator, and other supplies for completing the LSAMP Summer Calculus Bootcamp.

6 July to 31 July 2009

This four-week bootcamp (8AM to 3PM, Monday through Friday) will focus on problem solving, explorations, and applications of precalculus mathematics incorporating calculator skills. Topics include fractions, functions and their graphs, rational expressions, exponents and radicals, linear equations and inequalities, absolute value, polynomials, logarithms, exponentials, and trigonometry.

Subsequent Semesters

Participants must enroll in calculus within one year. Enrollment is also required in weekly academic excellence workshops in precalculus, calculus, physics, chemistry, computer science, or biology.

Students who attend these workshops and display excellence in the parallel courses will be rewarded with bookstore gift certificates, up to \$400 each.

We also have an upper division textbook reimbursement program. Conference participation and undergraduate research experiences are supported. Scholarships, summer internships, and graduate school information is disseminated.

To apply for the
LSAMP
Summer Calculus Boot Camp:

Carefully read and complete the application form at the right and return it by mail or apply through our website (address below) by

the first Friday in May

with a current copy of your high school **transcripts** and a **brief letter** describing your reasons for wishing to participate in LSAMP. Please, include why you think mathematics is important to your major or career objective.

The application, transcripts, and letter should be sent to the address below. (Transcripts are necessary, unless you are a CSU, Chico student in the semester of Spring 2009.)

PARTICIPANT NOTIFICATION

Participants will be notified by
the end of May.

Selected students must indicate their acceptance of the position reserved for them in the boot camp by
the 15th of June.

For more information contact

Mrs. Lori Holcombe
 LSAMP Director
 CSU, Chico
 Chico, CA 95929-0525

Phone: 530-898-4175
 Fax: 530-898-3097
 Office: Holt 187A

Louis Stokes Alliance for Minority Participation Application Form

Please Print Legibly or Type.

Full Name.....
 Social Security Number.....
 Telephone(s).....
 Local Address.....
 City, State, Zip.....
 Home Address.....
 City, State, Zip.....
 E-mail.....
 Ethnicity.....
 Date of birth.....
 Gender.....
 Current School.....
 College you will attend, Fall 2008.....
 Major.....
 Minor.....
 We'd like to know who told you about LSAMP.
 Referred by.....

Have you taken trigonometry? Circle Yes or No
 School.....
 Month/year Completed.....
 Grade (or best estimate).....
 What is your current or most recent math course?
 Course.....
 School.....
 Month/Year Completed.....
ELM Status
 What is your current ELM score?.....
 If you are exempt, why?.....
 If you were not enrolled at CSU, Chico for the Spring 2009 semester have your **transcripts** sent to our address.
 If you are not a local resident, are you interested in on-campus housing? (Housing is limited.)
 Please, circle Yes or No
 Please, sign after reading the following.
 I am interested in participating in the LSAMP Summer Calculus Boot Camp. If accepted, I understand that I am making a commitment to participate fully in the Summer Calculus Boot Camp and in the supporting academic year workshops. I agree to enroll in and successfully complete first semester calculus within one year of completing the camp.
 Signature.....
 Date.....