

Org-Type	Higher-Education-based		
Lead	California State University, San Bernardino, College of Natural Sciences	PoC	Dr. George M Georgiou, MASS Coordinator
PoC-Phone	909-537-3378	PoC-Email	georgiou@csusb.edu
Address	5500 University Pkwy San Bernardino, CA 92407-2397		
URL			
Service-Region	Inland Empire		
Type	Student Program		
Subjects	Biology Math Chemistry Physics Computer Science Environmental Science Engineering		
Level	High School (9-12th grade) Undergraduate		
Other-Objectives			
Served-per-Year	40	Demographics	
Content	<p>The NSF has awarded a \$500,000 grant to CSUSB's College of Natural Sciences to help fund its Mathematics and Science Scholars (MASS) program for the next four years. The MASS program is designed to serve students from diverse backgrounds with financial need who will study in the science, technology, engineering and mathematics (STEM) disciplines. At Cal State San Bernardino, the federal funding will focus on the fields of biology, chemistry and biochemistry, computer sciences, geological sciences, mathematics and physics. Program candidates are currently being recruited from the top 2 percent of high school graduates throughout San Bernardino and Riverside counties. This program is not to overlap with the Presidential Academic Excellence Scholarship program which recruits from the top 1 percent of graduates from high schools in San Bernardino County. Beginning in fall 2007, MASS scholarships will be awarded to at least 14 incoming freshmen. The program will also award scholarships to eight current CSUSB juniors and eight seniors, who will serve as role models for the freshmen. Scholarship recipients must attend full-time and maintain a minimum 3.3 grade point average to receive the \$3,500 a year. The scholarship is for a maximum of four years. Overall, the MASS program will award more than 120 annual scholarships. In addition, MASS students will be mentored by the professor in their corresponding discipline. They will also enjoy numerous privileges such as priority registration, workshops and seminars to prepare them for graduate study, and summer internship programs. To extend the MASS program beyond the four years, the university's College of Natural Sciences is actively seeking funding from both public and private sources. Several local companies and agencies have already pledged their support for the MASS program, including QMotions, Associated Engineers Inc., Mojave Desert Air Quality District, Kelly Space and Technology Inc. and Optivus. The MASS program is led by George Georgiou, chair of the Cal State San Bernardino computer science department, and former assistant dean of the college.</p>		
Outcomes	Graduate students in STEM disciplines who will be ready to join the workforce or continue graduate work.		
Started		Funded-Through	2011
Length	One-time	Cost	
Primary-Funding	Foundation Industry	Primary-\$	
Materials			
Other-Funding			
How-Assessed			
Best-Practice-Why			
Promising-Practice	Yes.		
Sponsor	Sponsor-Org		
Sponsor-Phone	Sponsor-Email		
Other-Orgs	Mojave Desert Air Quality District QMotions Associated Engineers Inc. Kelly Space and Technology Inc. Optivus. National Science Foundation		