

Org-Type	Higher-Education-based		
Lead	CSU-NASA Science Education Collaborative	PoC	Dr. Ron Hughes, Faculty Coordinator, CSU-NASA Science Education
PoC-Phone	661 654-3471	PoC-Email	rhughes@csub.edu
Address			
URL			
Service-Region	Central Coast		
Type	Professional Development for Teachers		
Subjects	General Science Biology Math Chemistry Physics Earth Science		
Level	Elementary School (K-5th grade) Middle School (5-8th grade) High School (9-12th grade)		
Other-Objectives			
Served-per-Year	100	Demographics	
Content	A three-day institute introducing, modeling, exploring, and developing science and math educational activities using NASA education resources.		
Outcomes	The development of 1) Learning Objects (Science and/or Math Lessons) for publication in Multimedia Education Resources for Learning and Online Teaching (MERLOT); 2) a Children's Summer Science Program using NASA Education Resources; and 3) a cohort of Teachers (with ongoing academic year communication and support) with an interest in teaching math and science using NASA Education Resources.		
Started		Funded-Through	2009
Length		Cost	
Primary-Funding		Primary-\$	
Materials			
Other-Funding	Chevron Corporation		
How-Assessed			
Best-Practice-Why	Yes. This program utilized contemporary, and innovative, methods of communication (MERLOT) and materials (Online NASA Education Resources) for enhancing science teaching and learning.		
Promising-Practice	Yes. In 2007, this program explored the use of Cabrillo. Cabrillo is an electronic means to keep the Institute participants connected and in communication throughout the academic year – well beyond the Summer Institute. Most institutes lack the resources and time to continue participant communication and support beyond the dates of the institute. Cabrillo offers the communication and support necessary to sustain participant engagement in the activities (specifically the development of MERLOT Learning Objects) initiated at the Summer Institute.		
Sponsor		Sponsor-Org	
Sponsor-Phone		Sponsor-Email	
Other-Orgs	NASA-JPL; CSU, Office of the Chancellor; CSU, Bakersfield; Santa Clarita Unified School District		