

Strand A Action Item in Progress Appendix 2 - CSU Science Education Website – Campus contacts, websites and related programs (Information already sent to Chancellor’s Office for website development)

CSU Science Education System-wide Website

Campus	Science Credential Advisor	Science Credential Website	Related Programs & Science Education Center URL (master’s degrees, clubs, scholarships, etc.)
●California State University Bakersfield			
●California State University Channel Islands			
●California State University Chico	Physics – Drs. David Kagan & Chris Gaffney Geol: Ann Bykerk-Kauffman	Physics Credential Information at Chico Geology Credential Information at Chico	PGHewitt Scholarship for Future High School Physics Teachers
●California State University Dominguez Hills			
●California State University East Bay	David R. Stronck	Credential Information at East Bay	Master’s Degree in Science Education
●California State University Fresno	David M. Andrews	Fresno Science Credential Info	Noyce Scholarship Program see www.csufresno.edu/smec There is also the Single Subject Program Description at http://education.csufresno.edu/ci/ciss_cred.htm and the Central Valley Science Project at http://csmop.ucop.edu/csp/fresno/
●California State University Fullerton	Mr. Doug Stone Bio - Bill Hoese (bhoese@fullerton.edu), Chem - Barbara Gonzalez bgonzalez@fullerton.edu Geo - Galen Carlson gcarlson@fullerton.edu Phys - Roger Nanes rnanes@fullerton.edu , Richard Lodyga rlodyga@fullerton.edu	Fullerton Science Credential Information	MATS (Master of Arts in Teaching Science) NSTA Student Organization CoAST Grant CESME Boeing Scholarship for Master of Arts in Teaching Science
●Humboldt State University			
●California State University Long Beach	Laura Henriques Jim Kiesel	CSULB Science Credential Information	MS in Science Education Noyce Scholarship Program NSTA Student Chapter - Future Science Teachers Club Teaching Secondary School Scholars Program
●California State	Biology: Dr. Robert Nakamura Geology: Dr. David Mayo	CSULA Credential Website	Blended B.S. degree in Natural Science. CCOE Graduate programs: M.A.in Education with (1) the Option in Science

University Los Angeles	Chemistry: Dr. James Rudd Physics: Dr. Oscar Bernal		Education in the Elementary Classroom or (2) the Option in Middle and Secondary Curriculum and Instruction with a Concentration in Mathematics/Science Pedagogy. CSU Mathematics and Science Teacher Initiative (MSTI) scholarships and stipends. Noyce Scholarship Program. NSF GK-12 Science For Our Schools (SFOS) Fellowships.
● California Maritime Academy	Jim Wheeler		BS in Sciences & Mathematics Liberal Studies under development
● California State University Monterey Bay	Mark O'Shea Beverly Carter (831) 582-5024	Monterey Bay Credential Information	
● California State University Northridge	Mike Rivas Norm Herr (grad. advisor)		
● California State Polytechnic University, Pomona	Jodye Selco	Science Credential Information	Noyce Scholarship Program Center for Education & Equity in Mathematics, Science & Technology
● California State University Sacramento			NSTA Student Chapter – future teacher club
● California State University San Bernardino	Corrinne Martinez		
● San Diego State University	Bonnie Telfer		Noyce Scholarship Program A cohort-based curriculum and instruction master's degree program with an emphasis in Science Education A jointly administered Mathematics and Science Education Doctoral Program with UCSD A science teacher internship program The Center for Research in Mathematics and Science Education
● San Francisco State University	Biology - Nan Carnal; Geoscience - John Caskey; Physics - James Lockhart; Chemistry - Ray Trautman.		
● San Jose State University	Mike DuBois Maureen Scharberg	San Jose Science Credential Info	San Jose Science/Math Education Center Noyce Scholarship Program M.A. Natural Science
● California Polytechnic State University, San Luis Obispo	Chem - Grace Neff (gneff@calpoly.edu) and Seth Bush (sbush@calpoly.edu); Physics - Chance Hoellwarth; Biology - Ed Himelblau and Michael Black		

<ul style="list-style-type: none"> ● California State University San Marcos 	Middle school science: Janet McDaniel Single Subject: Pat Stall Dr. Joseph Keating.	San Marcos Single Subject Science Website San Marcos Middle School Science Website	Masters in Education with a Specialization in Science, Mathematics and Technology Education http://lynx.csusm.edu/coe/academics/SMT.option.htm
<ul style="list-style-type: none"> ● Sonoma State University 	Carlos Ayala	Not available at this time	Science and Math Education Center
<ul style="list-style-type: none"> ● California State University Stanislaus 	Wayne Pierce Michael Stevens Susan Moktari	http://arnica.csustan.edu http://geology.csustan.edu/Credential.html www.csustan.edu/TeacherEd	

Requested & Related Links:

California Science Teachers Association <http://cascience.org>
 Association for Science Teacher Education <http://theASTE.org>
 National Association for Research in Science Teaching <http://www.narst.org>
 National Science Teachers Association www.nsta.org
 How to set up NSTA student chapters <http://www.nsta.org/studentchapters>

[California Science Standards](http://www.cde.ca.gov/ci/) < <http://www.cde.ca.gov/ci/>>

[National Science Education Standards](http://books.nap.edu/html/nses/html/index.html) <<http://books.nap.edu/html/nses/html/index.html>>

[Benchmarks for Scientific Literacy](http://www.project2061.org/tools/benchol/bolframe.html) < <http://www.project2061.org/tools/benchol/bolframe.html>>

[California Standards for the Teaching Profession](http://www.sfsu.edu/~seconded/castandards1.html) <<http://www.sfsu.edu/~seconded/castandards1.html>>

[California Commission on Teaching Credentialing](http://www.ctc.ca.gov) <http://www.ctc.ca.gov>

California Subject Examinations for Teachers (CSET) <http://www.cset.nesinc.com>

Tentative Timeline with Science Education Conferences listed

May 2006 CSU Science Education Colloquium #1

July 2006 – AAPT, Syracuse

September/November – regional CSU Science Education meetings

September 10-14, 2006 ACS, San Francisco

October 19-21, 2006 CSTA in San Francisco – **CSU Science Education Meeting**

December 11-15, 2006 AGU, San Francisco

Jan 2007 – ASTE, Florida

February 2007 – AGI

Feb/March 2007 Regional CSU Science Education Meetings

April 2007 – NARST, New Orleans

- AERA, Chicago

- NSTA, St. Louis

May 2007 CSU Science Education Colloquium #2

October 25-28, 2007 CSTA, Long Beach – **CSU Science Education Meeting**

November 28-December 1, 2007 NABT, Atlanta

Possible groupings for regional meetings

Northern: Chico, East Bay, San Francisco State, San Jose State, Sac State, Humboldt, Sonoma, Stanislaus

Central: Bakersfield, Fresno, Maritime, Monterrey Bay, SLO

Southern: San Diego State, San Marcos, Long Beach, Dominguez Hills, LA, Northridge, Cal Poly Pomona, San Bernardino, Fullerton, Channel Islands

Request money from the Chancellor's Office for 1 annual meeting and 1-2 sets of regional meetings each year.

Advising Chart – Pathways to earning a science credential in the CSU system

