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## Action

### *Public Hearing*

#### **Proposed Amendments to 5 California Code of Regulations §80004 Pertaining to a Foundational-Level General Science Authorization for the Single Subject Teaching Credential**

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**Executive Summary:** Proposed amendments to 5 California Code of Regulations, §80004 to establish a Foundational-Level General Science authorization are being presented for public hearing.

**Recommended Action:** Staff recommends that the Commission adopt the proposed amendments to 5 California Code of Regulations, §80004.

**Presenter:** Terri H. Fesperman, Consultant, Certification, Assignment and Waivers Division

#### **Strategic Plan Goal: 1**

**Promote educational excellence through the preparation and certification of professional educators**

- ◆ Grant credentials, certificates and permits as set out in regulation and statute

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# **Proposed Amendments to 5 California Code of Regulations §80004 Pertaining to a Foundational-Level General Science Authorization for the Single Subject Teaching Credential**

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## **Introduction**

The proposed amendments to 5 California Code of Regulations, §80004 pertaining to a Foundational-Level General Science Authorization for the Single Subject Teaching Credential are being presented for public hearing.

## **Background**

At the December 2007 Commission meeting, the possibility of a Foundational-Level General Science credential was introduced. Additional information related to the teaching of science and science credentials was presented at the April and June 2008 Commission meetings and the Commission approved adding the authorization at the August Commission meeting.

The proposed regulations will allow for an additional option for employers to assign individuals to teach science. A Foundational-Level General Science credential has the potential to allow additional individuals to earn an authorization to teach general science and reduce the number of individuals on waivers, teaching permits and local teaching assignment options. The proposed regulations add a Foundational-Level General Science authorization as a subject for a single subject credential, however individuals with a single subject teaching credential in a different subject (mathematics, social science, English, art, etc.) would be able to add the authorization to their credential. An individual with a multiple subject credential would be able to earn a single subject credential in Foundational-Level General Science with verification of subject matter and a methodology class. Furthermore, the Foundational-Level General Science credential is a pathway to earn a full science authorization in Science: Biological Science, Chemistry, Geosciences and Physics.

The new authorization would allow for mobility for the self-contained elementary level teacher to serve in a middle or high school departmentalized level assignment as well as the middle and high school departmentalized level teacher in one subject to earn an additional authorization to expand their employability.

The holder of a Foundational-Level General Science credential would be authorized to teach the content area of general or introductory science in grades preschool, K - 12 and adults, but not departmentalized Biology, Chemistry, Geosciences or Physics courses. In addition, the holder would be authorized to teach integrated science in grades preschool and K - 8. Teachers who are credentialed via this route and who teach courses within this authorization would be considered "Highly Qualified" for the purpose of No Child Left Behind as they would have been required to demonstrate subject matter competence through examination or an approved program.

## **Proposed Amendments to Regulations**

**Section 80004 (d) (1) (A), (B) and (C):** The science content areas authorized for service in grades preschool, K-12 and adults are added.

**Section 80004 (d) (2) (A):** The science content areas authorized for service in grades preschool and K-8 are listed.

### **Disclosures Regarding the Proposed Actions**

The Commission has made the following initial determinations:

*Mandate to local agencies or school districts:* None.

*Other non-discretionary costs or savings imposed upon local agencies:* None.

*Cost or savings to any state agency:* None.

*Cost or savings in federal funding to the state:* None.

*Significant effect on housing costs:* None.

*Significant statewide adverse economic impact directly affecting businesses including the ability of California businesses to compete with businesses in other states:* None.

These proposed regulations will not impose a mandate on local agencies or school districts that must be reimbursed in accordance with Part 7 (commencing with section 17500) of the Government Code.

*Cost impacts on a representative private person or business:* The Commission is not aware of any cost impacts that a representative private person or business would necessarily incur in reasonable compliance with the proposed action.

*Assessment regarding the creation or elimination of jobs in California [Govt. Code §11346.3(b)]:* The Commission has made an assessment that the proposed amendments to the regulations would not (1) create or eliminate jobs within California, (2) create new business or eliminate existing businesses within California, or (3) affect the expansion of businesses currently doing business within California.

*Effect on small businesses:* The Commission has determined that the proposed amendments to the regulations do not affect small businesses.

### **Notice of Proposed Rulemaking Mailing List and Responses**

#### Mailing List

- Members of the Commission on Teacher Credentialing
- California County Superintendents of Schools
- Credential Analysts at the California County Superintendents of Schools Offices
- Superintendents of Selected California School Districts

- Deans and Directors at the California Institutions of Higher Education with Commission-accredited programs
- Credential Analysts at the California Institutions of Higher Education with Commission-accredited programs
- Presidents of Selected Professional Educational Associations

Also placed on the Internet at <http://www.etc.ca.gov>.

### **Tally of Responses**

As of September 12, 2008, the Commission had received the following written response to the public announcement:

<i>Support</i>	<i>Opposition</i>
1 organizational opinion	0 organizational opinions
6 personal opinions	0 personal opinions

**Total Responses: 7**

### ***Responses Representing Organizations in Support***

1. Pepperdine University, Susan Giboney, Professor and Credential Analyst

### ***Responses Representing Individuals in Support***

1. Enid Brinkman, Credentials and Retirement Supervisor, Tulare County Office of Education
2. Susana Fernandez, Special Services Manager, Orange County Office of Education
3. Ernie S. Flores, Principal, Farmersville Unified School District
4. Janet Jones, Superintendent, Farmersville Unified School District
5. Edward M. Smith, Substitute Teacher, Los Angeles Unified School District

*Comment:* As a long time LAUSD substitute teacher, I would definitely welcome the proposed credential. At the moment, I'm preparing to successfully pass the CSET science II next week. Being that I prefer MS to HS, I had always planned to go that route anyway. Thanks for working on bringing this certification to fruition.

6. Lynne Stapenhill, Credential Analyst, Azusa Pacific University

### **Staff Recommendation**

Staff recommends that the Commission adopt the proposed amendments to 5 California Code of Regulations, §80004 pertaining to a Foundational-Level General Science Authorization for the Single Subject Teaching Credential.

## **Title 5 Section 80004 Pertaining to the Single Subject Teaching Credential Authorization**

### **Section 80004. Single Subject Teaching Credential Authorization for Service.**

- (a) The Single Subject Teaching Credential authorizes the holder to teach the subject area(s) listed on the document in grades twelve and below, including preschool, and in classes organized primarily for adults.
- (b) The holder of a Single Subject Teaching Credential in the following subject areas is authorized to teach health science:
  - (1) Health Science,
  - (2) Life Science, and
  - (3) Physical Education if the document was initially issued prior to January 1, 1981.
- (c) The holder of a Single Subject Teaching Credential in Agriculture, Business, Home Economics, Industrial Arts, or Industrial and Technology Education is authorized to teach the subject area listed on the document in classes designated as technical, trade, or vocational by the employing agency.
- (d) The holder of a Single Subject Teaching Credential in Foundational-Level General Science authorizes the holder to provide the services described below in the following grade levels.
  - (1) Grades twelve and below, including preschool, and in classes organized primarily for adults:
    - (A) Introductory and general science.
    - (B) Introductory life science, and
    - (C) Introductory physical science.
  - (2) Grades preschool, and kindergarten through eight:
    - (A) Integrated science.

NOTE: Authority cited: Section 44225(e), Education Code. Reference: Sections 44225(q) and 44256, Education Code.