

AMENDED IN ASSEMBLY JULY 10, 2001

AMENDED IN ASSEMBLY JUNE 26, 2001

AMENDED IN ASSEMBLY JUNE 18, 2001

AMENDED IN SENATE APRIL 25, 2001

SENATE BILL

No. 327

Introduced by Senator Scott

(Principal coauthor: Assembly Member Liu)

~~(Coauthors: Assembly Members Alquist, Chu, Havice, Jackson,
Lowenthal, and Negrete McLeod)~~

*(Coauthors: Assembly Members Alquist, Chu, Cogdill, Cohen, Correa,
Diaz, Havice, Jackson, Lowenthal, Negrete McLeod, Oropeza, and
Wyman)*

February 20, 2001

An act to amend Section 89440 of, and to amend the heading of Chapter 4.7 (commencing with Section 89440) of Part 55 of, the Education Code, relating to the California State University.

LEGISLATIVE COUNSEL'S DIGEST

SB 327, as amended, Scott. California State University: Program for Education and Research in Biotechnology.

Existing law establishes the California State University and its various campuses under the administration of the Trustees of the California State University. Existing law expresses legislative findings and declarations regarding the Program for Education and Research in Biotechnology, which was established to provide a coordinated and amplified development of biotechnology research and education within the university, to foster competitiveness in the industry on both the state

and national levels, to facilitate training of a sufficient number of biotechnology technicians and scientists, to catalyze technology transfer and enhance intellectual property protection, and to facilitate the acquisition and long-term maintenance of state-of-the-art biotechnology resource facilities.

This bill would express legislative intent to provide additional state funding to the California State University for development of a bioscience center in Pasadena that would integrate research and innovation, applied workforce training, and incubation of new bioscience enterprise, as prescribed.

Vote: majority. Appropriation: no. Fiscal committee: no. State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. The heading of Chapter 4.7 (commencing with
2 Section 89440) of Part 55 of the Education Code is amended to
3 read:

4

5 CHAPTER 4.7. CALIFORNIA STATE UNIVERSITY PROGRAM FOR
6 EDUCATION AND RESEARCH IN BIOTECHNOLOGY

7

8 SEC. 2. Section 89440 of the Education Code is amended to
9 read:

10 89440. (a) The Legislature hereby finds and declares all of
11 the following:

12 (1) The biotechnology industry in California is a rapidly
13 growing industry that will be a critical factor in the state's
14 economic success in the new millennium.

15 (2) The California State University plays a significant role in
16 the production and maintenance of the workforce for this rapidly
17 growing industry.

18 (3) The California State University Program for Education and
19 Research in Biotechnology (program) was created in 1987 to
20 provide a coordinated and amplified development of
21 biotechnology research and education within the California State
22 University, to foster competitiveness in the industry on both the
23 state and national levels, to facilitate training of a sufficient
24 number of biotechnology technicians and scientists, to catalyze
25 technology transfer and enhance intellectual property protection,



1 and to facilitate the acquisition and long-term maintenance of
2 state-of-the-art biotechnology resource facilities.

3 (4) The program facilitates interdisciplinary cooperative
4 activities between the biology and chemistry departments on all
5 California State University campuses and between faculty and a
6 number of allied academic and research units, including
7 bioengineering, agricultural biotechnology, environmental and
8 natural resources, molecular ecology, and marine biotechnology.

9 (5) The program conducts a number of activities, including a
10 competitive applied research and education grants program, the
11 upgrade of biotechnology instructional and research equipment,
12 the development of specialized training facilities, and
13 involvement in secondary educator inservice and preservice
14 biotechnological training.

15 (6) The California State University conducted a Bioscience
16 Innovation and Training Center Feasibility Study (study) to assess
17 the feasibility of creating a multiuse technology innovation and
18 training center in Pasadena that can serve as an anchor and catalyst
19 for biotechnology enterprise growth in the Los Angeles region.

20 (7) The study was completed in December 2000, and
21 concluded that there is strong demand for biotechnology
22 workforce training, research, manufacturing, and incubation
23 services that warrant the development of a bioscience in Pasadena.
24 When Pasadena was evaluated against critical success factors for
25 biotechnology community development, it scored highly on many
26 factors, including a critical mass of cutting-edge research,
27 accessibility to transportation, quality of life, experienced
28 entrepreneurs, access to capital, and availability of a skilled
29 workforce. The steering committee identified four main
30 components for the proposed facility:

31 (A) Workforce training offering practical, hands-on learning
32 experiences involving multidisciplinary, multilevel teams of
33 researchers, technicians, production specialists, apprentices, and
34 students.

35 (B) Core research laboratories and instrument beta testing
36 coupled with process manufacturing.

37 (C) New business incubator space, including wet labs and
38 shared entrepreneurial services and support.

39 (D) Bioinformatics (convergence of biology, mathematics, and
40 computing) as a common theme running throughout the center.



1 (8) The Bioscience Innovation and Training Center Feasibility
2 Study, conducted by the California State University, found that the
3 development of a bioscience center in Pasadena is warranted.

4 (9) A successful biotechnology resource facility requires a
5 partnership of the city, industry, and education partners, as well as
6 public and private collaboration, in order to develop projects that
7 leverage economic opportunities in the Los Angeles basin and
8 support business throughout California.

9 (10) It is critical that, for a successful resource facility, the
10 public and private sectors work together to achieve the following
11 components: workforce training, research in core research
12 laboratories, new business incubator space, and manufacturing.

13 (b) It is the intent of the Legislature to accomplish both of the
14 following:

15 (1) To provide additional state funding, if state revenues allow,
16 to the California State University to maintain the California State
17 University Program for Education and Research in Biotechnology
18 at a level that will maintain and enhance its role in the preparation
19 of the workforce in this critical industry.

20 (2) To provide additional state funding to the California State
21 University for development of a bioscience center in Pasadena,
22 subject to appropriation in the annual Budget Act, that would
23 integrate research and innovation, applied workforce training, and
24 incubation of new bioscience enterprise. The development of the
25 bioscience center would include a partnership among local
26 educational institutions, the local bioscience industry, and
27 government. These funds will be used for the development of a
28 pilot bioinnovation workforce training program that bridges the
29 gap between classroom instruction and workforce practice, using
30 state-of-the-art instrumentation and real-world development
31 projects, and for final site assessment to ensure due diligence prior
32 to the selection of a final site. *It is the intent of the Legislature that,*
33 *following the establishment of the program, site, and center, efforts*
34 *be made to promote the biotechnology center through trade*
35 *programs operated under the Technology, Trade and Commerce*
36 *Agency and other public agencies.*

