

CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT

July 16, 2019

Agenda Item: 4.4

Subject: Acceptance of a National Science Foundation (NSF) Scholarships in Science, Technology, Engineering and Math (S-STEM) Grant for Chabot College (DUE 1834193)

Background: This NSF S-STEM grant provides scholarships to Chabot students pursuing STEM careers with an educational goal of transferring to 4-year institutions majoring in STEM. Recognizing that financial aid alone cannot increase retention and graduation in STEM, S-STEM funding provides awards to fund scholarships and to advance the adaptation, implementation, and study of effective evidence-based curricular and co-curricular activities that support recruitment, retention, transfer, student success, academic/career pathways, and graduation in STEM.

Chabot College proposes to award 80 scholarships of \$5,000 each to a minimum of 40 low-income, academically talented students who assess into transfer-level math (Trigonometry or higher) and declare a STEM major in the biological sciences, computer science, engineering, mathematics and/or physical sciences, with an education goal of degree or transfer. The S-STEM scholarship recipients will also be enrolled in a Fast Track Learning Community where they will be enrolled in Fast Track accelerated math courses, receive MESA cohort-based co-curricular supports, be matched with faculty mentors, receive additional academic supports such as tutoring, opportunities to participate in conferences, college tours, internships and employment opportunities. A comparative research study of the effect of Fast Track courses on math course success, retention, and timely STEM degree/transfer attainment over the 5-year project period will also be conducted.

Recommended Action: That the Board of Trustees accepts the grant agreement for the National Science Foundation (NSF) Scholarships in Science, Technology, Engineering and Math (S-STEM) Grant in the amount of \$649,893 for the period of June 1, 2019 through May 31, 2024. It is further recommended that the Board authorize the Vice Chancellor, Business Services, to execute the grant award on behalf of the District.

Submitted: Theresa F. Rowland/Date

Approved: Ronald P. Gerhard/Date

_____ APPROVED

_____ DISAPPROVED

_____ TABLED