Student Research

New SSI Annual Report Item - Office of Student Research 2019-2020

University Division:: Office of Student Research

Name of person Responsible for overseeing SSI project/activities:: Christina Hassija

Email Address:: chassija@csusb.edu

Title:: SSI Annual Report 2019-2020

Funding Type: One-time Funding

Extension::

Total SSI amount allocated this year:: 65,566

Total SSI amount expended this year:: 65,566

Number of unique students served (July1-Winter Quarter): 1,471

SSI Program/Project Overview :
SSI Graduate Culminating Project Fund

This program is designed for graduate students completing a thesis, project, or dissertation. Funds from the SSI Culminating Project Fund, if awarded, must be used to support recipients' thesis, project, or dissertation research or professional development activities.

The initiative's goals are: 1) to stimulate research and creative activities among graduate students; 2) to contribute to students' academic and/or professional development; 3) to foster problem-solving and problem-framing skills, synthesis skills, and creative skills; 4) to provide financial support to graduate students engaging in research and creative activities; and 5) to contribute to CSUSB's reputation as a research and innovative institution.

Peer Lab Program

The mission of the Peer Lab program (PL) is to increase student retention and success in upper-division courses by providing collaborative peer learning experiences that improve understanding of subject content, foster critical thinking, and strengthen study skills. The PL program after the Supplemental Instruction (SI) assists students by providing scheduled, out of class supplemental instruction sessions. PL targets high-risk undergraduate courses (those with high DFWI rates, contribute to bottlenecks in enrollment) by providing supplemental instruction sessions and peer mentoring.

Peer Research Consultant Program

The mission of the Peer Research Consultant program (PRC) is to contribute to building a community of scholars that foster innovation and develop a sense of purpose and achievement. PRC are upper division undergraduate students or graduate students who assist instructors in turning course assignments into research projects. The PRC supports students as they implement, design, analyze, and disseminate the results of their projects. Specifically, the PRC assists with framing questions appropriate for the discipline, implementing and conducting class investigations, and reporting findings in writing and orally to the class and a broader audience. This program targets all courses. The PRC program enables faculty to incorporate high impact teaching practices into the classroom with a peer leader who also serves as a mentor to students.

SSI-Funded Activities :

- **Call for Applications**

A call for applications for SSI Graduate Culminating Project Fund, Peer-lab and Peer-research Consultant Programs were disseminated to the campus community during the fall and winter terms via email and a hard copy information booklet/advertisement.

- **Workshops/Training**

Recipients of the SSI Graduate Culminating Project Grant were required to attend the thesis "Submission and Review Process Workshop" and "Introduction to Ph.D. Programs" workshops.

Peer mentors for the Peer-lab and Peer-Research Consultant Programs were required to attend a mandatory orientation which included information on ethics, confidentiality, pedagogy, conducting peer sessions, and professionalism, among other topics.

- **Peer Lab and Peer Research Consultant Programs**

During the fall and winter quarters, funds were used to support the Peer-Lab Program (PL) in 19 courses and the Peer-Research Consultant Program (PRC) in 3 courses. The courses are listed below with enrollment size and DFWI rate.

Fall 2019 Peer Lab and Peer Research Consultant				
Course	**Title**	**PROGRAM**	**ENROLLMENT**	**DFWI RATE**
KINE 481	EXERCISE PHYSIOLOGY	PL	65	25%
SPAN 302	THEEORY AND PRACTICE IN COMPOSITION	PL	25	N/A
PHYS 223	GENERAL PHYSICS 3	PL	72	19-32%
KINE 481	EXERCISE PHYSIOLOGY	PL	48	21%
BIOL 200	BIOLOGY OF THE CELL	PL	220	50%
PHYS 324	STATISTICAL AND THERMAL PHYSICS	PL	16	25%
PHYS 221	GENERAL PHYSICS 1	PL	66	27%

BIOL 300	CELL PHYSIOLOGY	PL	48	11%
PYSCH 433	EXPERIMENTAL PSYCHOLOGY: BIOLOGICAL	PL	20	N/A
ENG 311	ENGLISH LINGUISTICS	PL	40	10%
MATH 301A	FUNDAMENTAL CONCEPTS ARITHMETIC AND GEOMETRY	PL	30	21%
BIOL 300	CELL PHYSIOLOGY	PL	55	19.20%
MUS 387	OPERA THEATRE 1	PL	15	0
CHEM 221A	OGRANIC CHEMISTRY 1	PL	180	>30%
BIOL 513	MICROSCOPY	PRC	24	0
KINE 480	BIOMECHANICS	PRC	60	5%
SOC 301	QUALITATIVE RESEARCH	PRC	50	6%
HD 480	ADVANCED HUMAN DEVELOPMENT	PL	65	8%
BIOLL 300	CELL PHYSIOLOGY	PL	50	17%
SPAN 318	TECHNIQUES LIT STUDY & ANALYSIS	PL	25	N/A

Winter 2020 Peer Lab and Peer Research Consultant				
Course	Title	PROGRAM	ENROLLMENT	DFWI RATE
PSYC 311	INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY	PL	180	25%
CHEM 222	TECHNIQUES LIT STUDY & ANALYSIS	PL	100	30%

- **Application Processing**

Applications for all programs were collected and processed using pre-selected criteria. Applications were reviewed by the OSR Awards Committee, and awardees were selected based on rubric scoring.

- **Obligations**

All recipients of the SSI Graduate Culminating Project Grant were expected to participate in the annual "Meeting of the Minds" Symposium.

Progress Toward Outcomes/Cumulative Findings::
All funds have been dispersed and programs were run. **1,471 students were served overall.**

SSI Graduate Culminating Project Grant – 17 students served ($32,687.00)

Peer Research Consultant – Total = 134 (134 students served in Fall 2019 and 153 served in Spring 2019)

Peer Lab Program – Total = 1,320 (1,040 students served in Fall 2019 and in 280 in Winter 2019)

Attached Files
📄 Copy of PC_PL_GPA_Retention_Graduation_F19.xlsx
Recommendations for Continuous Improvement Efforts: :
We are hoping to continue to receive funding to support all 3 programs next year. Our programs have great interest. For the SSI Graduate Culminating Project Grant we received a total of 21 and were able to fund 17 proposals. For the Peer Lab and Peer Research Consultant Programs, we received a total of 63 applications during the 2019-2020 AY and were able to fund programs for 22 courses. We anticipate our application numbers to increase by 5% in the next academic year.

Resources for Continuous Improvement Efforts:
Additional funding is needed to better meet the demand for these programs.

Challenges:
There were no challenges for the SSI Graduate Culminating Project Grant or Peer-lab and Peer-research Consultant Programs this year. We believe we resolved issues encountered in prior years. Specifically, with the SSI Graduate Culminating Project Grant we ensured that all funds will be spent by the end of the fiscal year and that recipients were well-informed of this requirement. That said, we did receive a higher number of applications for all three programs than we could fund, so if there is an opportunity to receive additional funding next year we would eagerly accept those monies, and they would be well-used.

Budget Summary:
See attached.

Attached Files
📄 Copy of SSI Annual Report Budget Summary__SSICUL 2019-2020.xlsx
Check-in/Utilization Data:
See attached outcome data from peer lab and peer consultant programs.

Feedback on Reporting:
Providing Department: Student Research

Office of Student Research SSI 2019-2020

University Division:: Academic Affairs

Name of person Responsible for overseeing SSI project/activities:: Christina Hassija

Email Address:: chassija@csusb.edu

Title:: Director, Office of Student Research

Funding Type: One-time Funding

Extension:: 75481

Total SSI amount allocated this year::

Total SSI amount expended this year::

Number of unique students served (July1-Winter Quarter):

SSI Program/Project Overview :
SSI-Funded Activities :
Progress Toward Outcomes/Cumulative Findings::
Recommendations for Continuous Improvement Efforts: :
Resources for Continuous Improvement Efforts:
Challenges:
Budget Summary:
Check-in/Utilization Data:
Feedback on Reporting:

Providing Department: Student Research