

SSI Annual Report

Response ID:44 Data

1. Page One

Dept./Program/Project Name:

Office of Student Research - SSI Graduate Culminating Project and Peer-lab and Peer-research Consultant Programs

University Division:

Academic Affairs

Person Responsible for Overseeing SSI Project/Activities:

Name : Christina Hassija

Title : Director

Email Address : chassija@csusb.edu

Extension : 75481

Person Preparing Report (if different than above):

2.

Total SSI amount allocated this year:

\$65,566.00

Total SSI amount expended thus far:

\$64,185.33

Number of unique students served (July 1 - Winter Quarter):

1,388

3. (untitled)

SSI Program/Project Overview: In 750 words or less, describe the overarching purpose, goals and outcomes of your SSI-funded project(s), program(s), etc.

SSI Graduate Culminating Project Grant – 15 students served

Peer Research Consultant – Total = 323 (170 students served in Winter 2019 and 153 served in Spring 2019)

Peer Lab Program – Total = 1,050 (808 students served in Winter 2019 and 242 in Spring 2019)

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.

Grant awardees are expected to complete the following:

1. Submit a progress report an online progress report no later than March 29th, 2019. The progress report includes the following components: title of research, summary of project, purpose of the research/creative activity project, what has been

accomplished, what remaining research must be completed, and the expected completion date.

2. Submit a final report in PDF format upon completion of your project, no later than June 22, 2018. The final report should address the following: title of research, summary of research project and conclusions, a discussion of what was gained from doing the project (e.g. interaction with your faculty mentor, insights into a field of study, etc.), discussion of how the research is related to your academic and career goals with mention of how your work addresses each of the areas listed on the Institutional Learning Outcomes, and whether they are planning on being published or presenting this project.

3. Apply to present a poster or oral presentation during the Annual Symposium "Meeting of the Minds" scheduled for May 16th, 2019.

4. Attend the thesis "Submission and Review Process Workshop" and "Introduction to Ph.D. Programs" workshops.

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.

4. (untitled)

Alignment to ILOs: To which of the following Institutional Learning Outcomes (ILOs) do you feel as though your SSI-funded project aligns? (Check all that apply.) Details regarding the ILOs can be found on [Office of Academic Programs website](#).

Breadth of Knowledge

Depth of Knowledge

Critical Literacies

Ways of Reasoning and Inquiry

Creativity and Innovation

Integrative Learning

Engagement in the Campus, Local, and Global Communities

5. (untitled)

SSI-Funded Activities: Please list and describe the activities undertaken through winter quarter with your SSI allocation. This section should address only those activities occurring this fiscal year.

- 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 are 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 winter and spring quarters, funds were used to support the Peer-Lab Program (PL) in 15 courses and the Peer-Research Consultant Program (PRC) in 9 courses. The courses are listed below with enrollment size and DFWI rate.

Winter 2019

Course Program Enrollment DFWI Rate

PHYS 306 PL 14 21%
CHEM 221A-1 PL 165 30%
PSYCH/HD 324-1 PL 200 36%
PHYS 222 PL 65 27%
PHYS 221-1 PL 72 28%
BIOL 300 PL 60 19%
PSYCH 442 PL 50 2%
MUS 387 PL 12 0%
SPAN 302 PL 25 9%
PSYCH 311 PL 120 18%
SPAN 410 PL 25 4%
SPAN 402 PRC 20 8%
BIOL 400 PRC 45 2%
KINE 480-1 PRC 50 22%
SOC 590 PRC 25 4%
HSCI 315 PRC 30 8%

Spring 2019

Course Program Enrollment DFWI Rate

PHYS 223 PL 70 22%
PHYS 222-2 PL 72 28%
CHEM 223A PL 100 52%
KINE 480 PRC 80 22%
BIOL 513 PRC 24 30%
HIST 354 PRC 25 25%
BIOL 592 PRC 24 13%

- 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 are expected to participate in the annual "Meeting of the Minds" Symposium.

6. (untitled)

Progress Towards Outcomes/Cumulative Findings: Describe the progress you have made toward your original SSI goals and outcomes through winter quarter. Indicate clearly how student success was enhanced by your program or service/s. Be sure to include the measures you employed and evidence/data you collected for each outcome where appropriate.

As mentioned above, the goals of the SSI Graduate Culminating Project Fund are to: 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. Students awarded funding are required to complete a progress report two quarters after the funding term. The progress report informs the OSR that the students are making progress towards the program's goals and outcomes. In the form of a survey, students answered questions regarding how the grant has helped them to develop various skills. Based on feedback from respondents who were funded during the Winter 2019 term (n = 10), 60% of students indicated that they agreed or strongly agreed that the grant helped them increase their problem solving skills. Moreover, 90% of students agreed or strongly agreed that the grant improved their written communication skills and 70% indicated that they agreed or strongly agreed that the grant increased their creativity skills. Further, 60% of recipients agreed or strongly agreed that their participation enhanced their ability to work collaboratively.

The goal of the Peer Lab Program is to target high risk undergraduate courses (those with high DFWI rates, contribute to bottlenecks in enrollment) by providing supplemental instruction sessions and peer mentoring. Based on feedback from respondents who completed post-test measures during the Winter 2019 term (n = 127), 60% of students indicated that they agreed or strongly agreed that the grant helped them strengthen their subject knowledge, 57% said that they agreed or strongly agreed attending peer lab sessions helped them gain a better understanding of the course content, 49% agreed or strongly agreed that their participation enhanced their ability to work collaboratively, 49% agreed or strongly agreed that the program improved their ability to learn independently, 54% agreed or strongly agreed that attending peer lab sessions increased their ability to learn effectively, and 53% agreed or strongly agreed that attending peer lab sessions helped them acquire study strategies that can be applied to other courses.

The goal of the Peer Research Consultant Program is to enable faculty to incorporate high impact teaching practices (e.g., research) into the classroom with a peer leader who also serves as a mentor to students. Based on feedback from respondents who completed post-test measures during the Winter 2019 term (n = 67), 53% of students indicated that they agreed or strongly agreed that the grant helped them strengthen their subject knowledge, 50% said that they agreed or strongly agreed attending peer lab sessions helped them master the course content, 49% indicated that they agreed or strongly agreed that attending peer research consultant sessions increased their creativity skills, 55% agreed or strongly agreed that their participation increased their critical thinking skills, 56% of students indicated that they agreed or strongly agreed that their participation helped them increase their problem solving skills, 47% agreed or strongly agreed that their participation enhanced their oral communication skills, 50% of students agreed or strongly agreed that their participation in the program improved their written communication skills, 56% agreed or strongly agreed that their participation enhanced their ability to work collaboratively, 48% agreed or strongly agreed that the program improved their ability to learn independently, and 51% agreed or strongly agreed that attending peer lab sessions increased their ability to learn effectively.

Additional information regarding Winter 2019 Peer Research Consultant and Peer Lab Participants' Course Grades (i.e., grade distribution), Participants GPA's, Course Overall GPAs (comparison table for the previous table with overall course enrollment), and Enrollment in Spring 2019 is attached in the Excel file (Password = 75052).

7. (untitled)

Recommendations for Continual Improvement/Action Plan: Based on the analysis of your assessment results, what actionable steps can be taken to make improvements? How can you improve students' achievement of the SLO or your office's performance in terms of operations? What is your expected timeline?

Overall students have reported positive gains from all programs. Due to the nature of the programs, students are actively making progress towards achieving some of the learning outcomes, which include breadth of knowledge, depth of Knowledge, critical literacies, ways of reasoning, and creativity and innovation.

We created an addendum at the end of the Fall 2019 quarter to include additional programs to be supported with SSI funds, namely the Peer-Lab and Peer-Research Consultant Programs. We believe this was a positive change and enabled us to serve a larger number of students. We are hoping 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 24 applications and were able to fund 15

proposals. For the Peer Lab and Peer Research Consultant Programs, we received a total of 33 applications during the Winter and Spring 2019 terms and were able to fund programs for 24 courses. We anticipate our application numbers to increase by 5% in the next academic year.

Resources for Continual Improvement/Action Plan: What additional resources, if any, are needed to bring the above continual improvements to fruition?

We received 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.

8. (untitled)

Challenges: If applicable, please list any significant challenges encountered that have affected your ability to fully implement your intended activities or to reach your articulated outcomes. Please also indicate if you need assistance in addressing these 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.

9. Budget Summary with Alignment to Outcomes and Activities

Budget Summary: Please account for all expenditures of SSI funds for this project using the SSI Annual Report Budget Summary Template. (The template can be found at <http://ssi.csusb.edu/assessment>.) Upload your completed summary here.

[Copy_of_Copy_of_SSI_Annual_Report_Budget_Summary__SSICUL_2018-2019.xlsx](#)

10. (untitled)

Check-in/Usage Report: Please upload any check-in or usage data you have for students who have engaged with your project/program since July 1 through the end of winter quarter. Uploads should be in Excel and include, at minimum, students' CoyoteIDs; password-protected SPSS files may be submitted via email to Institutional_Research@csusb.edu. Additional information such as date(s) of visit(s)/interaction(s) and students' names would also be helpful. (The Office of Institutional Research is working to establish an overall assessment of SSI; to do this, we need your help in collecting and sharing students' engagement with and usage of SSI-funded projects and programs.)

11. Thank You!

New Send Email

Apr 15, 2019 15:40:46 Success: Email Sent to: chassija@csusb.edu,

