

**Ancillary Unit Annual Review**  
**Reporting Period: July 1, 2021 - J**

Deadline for submission to Reporting Administrator: October 30

**This report is required by FAM 105.4 – POLICY GUIDELINES FOR THE FORMATION  
AND REVIEW OF CSUSB ANCILLARY UNITS**

**Basic Information**

Ancillary Unit's name	Learning Research Institute (LRI)
Director(s)	Jason Reimer and Hideya Koshino, Professors of Psychology
Administrator to whom the unit reports ("Reporting Administrator")	Christina Hassija, Interim Dean – College of Social & Behavioral Sciences
Purpose and goals of the Ancillary Unit (from the original proposal or updated operating documents)	The CSUSB Learning Research Institute (LRI) promotes an interdisciplinary scholarly focus on the student learning experience and how it may be improved. The Institute supports this focus by sponsoring and conducting research activities that examine the cognitive, neurobiological, and environmental variables that contribute to the academic success of our diverse student body.

**Advisory Board**

Please list your current Advisory Board, their positions outside the Advisory Board, and their roles on the Advisory Board (if applicable)	The LRI is currently working on updating the Advisory Board. The previous Advisory Board included Jean Peacock, Barbara Quarton, Young Suk Hwang, and Rowena Santiago.
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### Ancillary Unit Activity

Please summarize the top three (3) accomplishments of your Ancillary Unit (AU) during this reporting period. This should highlight the substantive activities that support and advance the purpose/goals of the AU, and the relationship between the activities and the purpose/goals.

Please highlight the most significant activities of the AU that engage the community or other entities on campus, if any.

Substantive Activities undertaken by the AU during reporting period

Activity (please describe)	Funds spent	Goal advanced (and extent)
Dr. Koshino was awarded the CSUSB Center and Institute Seed Grant (\$25,000).	\$0	Secure funding for the preparation of external grant proposals to fund future LRI research and community focussed activities.
Publication of three manuscripts in peer-reviewed scientific journals. The manuscripts were based on research conducted by the LRI included participation of 7 CSUSB students. Three of those students were included as co-authors on one of the publications.	\$0	Dissemination of research, support of student and faculty professional growth, and enhancing partnerships between CSUSB and psychology community.
Completed three research projects designed to better understand the relationship between cognitive processes and student learning. Multiple undergraduate and graduate CSUSB students were involved in these projects as research assistants. Each worked closely with us and received in-depth training on	\$0	Conduct research to advance our understanding of the cognitive processes underlying human learning and to support student and faculty professional growth.

**Describe planned activities for the current academic year and how each of them will advance the purpose/goals of the AU.**

Planned Activity	Connection to Purpose
<p>In this project, we investigate the underlying mechanisms of mindfulness meditation. Research has reported that mindfulness meditation improves our attention control, emotion regulation, self-control, and reduces anxiety and depression. However, the underlying mechanism of mindfulness meditation is</p>	<p>Conduct research to advance our understanding of the cognitive processes underlying human learning and to support student and faculty professional growth. Multiple undergraduate and graduate CSUSB students are involved in this project as research assistants.</p>
<p>Reasoning and Working Memory Research Project. In this project, we investigate relationships between reasoning and working memory based on the dual process framework (e.g., Kahneman, 2012). The dual process framework claims that there are two</p>	<p>Conduct research to advance our understanding of the cognitive processes underlying human learning, and to support student and faculty professional growth. Two psychology faculty members and multiple undergraduate and graduate CSUSB students are</p>
<p>Components of Inhibitory Control Research Project. This project is designed to assess the reliability and validity of a redesigned, tablet-based measure of inhibitory control, and to better understand how common measures of inhibitory control relate to</p>	<p>Conduct research to advance our understanding of the cognitive processes underlying human learning, and to support student and faculty professional growth. Multiple undergraduate and graduate CSUSB students are involved in this project.</p>
<p>Effects of Spatial Organization on Working Memory and Cognitive Control. This project is designed to 1) extend recent research that demonstrates how the physical organization of the learner's environment affects his or her ability to internally represent aspects of that</p>	<p>Conduct research to advance our understanding of the cognitive processes underlying human learning, and to support student and faculty professional growth. Multiple undergraduate and graduate CSUSB students are involved in this project.</p>

Complete the Annual Use of Funds form

	Year 1		Year 2		Year 3	
	Internal	External	Internal	External	Internal	External
Salaries	\$ 0	\$ 0	\$ 1,440	\$ 0	\$ 43,000	\$ 0
Assigned Time	\$ 0	\$ 0	\$ 12,200	\$ 0	\$ 0	\$ 0
Travel	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Supplies	\$ \$1,479	\$ 0	\$ 7,472	\$ 0	\$ 0	\$ 0
Contractual	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other*	\$ 0	\$ 0	\$ 0	\$ 0	\$ 11,000	\$ 0
<b>TOTAL</b>	\$ \$1,479	\$	\$ 21,112	\$	\$ 54,000	\$ 0

*\*Other can include items such as: External Contracts, Grants, Sponsorships, Marketing and Outreach, Communications, Data Processing, Facilitates Operation, Printing, Postage*

**Certification**

Jason Reimer

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**Director Name**

\_\_\_\_\_

**Co-Director Name**

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**Co-Director Name**

  
Jason Reimer (Oct 25, 2022 15:53 PDT)

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**Director Signature**

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**Co-Director Signature**

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**Co-Director Signature**


**Unit Reporting Person recommendation**

Name and title: Christina Hassija, Interim Dean CSBS

Recommendation:	Active
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Recommendations and comments including the criteria and data reviewed. Please attach additional page(s) as necessary.

The LRI is an impactful center which provides considerable support for student-mentored research activities aimed at advancing the understanding of cognitive and learning processes. I appreciate the work of the center directors, and associated faculty, and commend them on their recent seed grant award. This Center should remain active.



Oct 27, 2022

**Unit Reporting Person Signature**

**Date**