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Application Summary

Competition Details

Competition Title: MSFT Applications for 2020-2021

Category: Internal Funding

Award Cycle: 2020-2021

Submission Deadline: 4/10/2020 3:00 PM

Application Information

Submitted By: Michael McGarry

Application ID: 284

Application Title: Innovations and Expansions in Academic Technology

Date Submitted: 2/28/2020 4:29 PM

Personal Details

Applicant First Name: Michael

Applicant Last Name: McGarry

Applicant Department: Teaching and Learning Innovations

Email Address: michael.mcgarry160@csuci.edu

Phone Number: (805) 437-3287

Who is the Staff Support for Project/Activity?: Michael McGarry

Staff Support email: michael.mcgarry@csuci.edu

Application Details

Proposal Title

Innovations and Expansions in Academic Technology

Brief Project Description

This proposal aims to continue our culture of enhancing technology services to provide up to date approaches to teaching and learning. With the goal of improving student success through increased engagement and interaction, we will pilot interactive tools that meet students' new approaches to learning and engaging. The proposed approach to piloting new tools will allow us to adopt technologies that we know improve student learning and are easily adopted by faculty. The rate of change in the field of educational technology requires Universities to be able to rapidly pivot and test new tools as they become available. To do this, we have developed a model to facilitate the piloting of emerging technologies that allow us to make data-informed decisions prior to moving to full adoption. As with any technological space, the breadth of tools available for teaching and learning is ever-growing. As new capabilities emerge, so too do possibilities for richer engagement with our students' learning. Currently, Teaching and Learning Innovations is looking at two tools specifically: Playposit and Hypothesis.

Playposit is a video engagement tool that allows instructors and students to interact with video content in a way that allows for a deep assessment of the material being demonstrated in the video. This functionality is something that doesn't currently exist with our current platforms and is a gap that instructors need to fill as a means of making video a more viable instruction tool. Not only does it allow for instructor-built video engagement, but it also allows students to submit media that can be commented on in real-time by their colleagues and instructors; allowing for feedback of critical practices such as lab procedures. Dr. Jaime Hannans showcased how the use of this tool can lower student anxiety that would normally be felt when doing a one-on-one observation. Instead, her students were able to record themselves performing a procedure and upload that video for direct feedback that's provided at the applicable moment in the video. The specific activity was highlighted in [Playposit's February 2020 blog post](#). We currently have 9 instructors using Playposit with 187 students, and over 1300 engagement hours from the Fall 2019 semester. To date, we have seen improved outcomes in Nursing and History with a request from faculty to extend this pilot to additional faculty and students.

Hypothesis is a collaborative annotation tool that promotes and enables deeper reading of webpages, articles, and documents. This functionality allows rich conversation around a given reading to occur in an online environment within the context of the reading itself. By allowing students to annotate and comment directly on a given reading, students are able to have deeper conversations and make points based on specific pieces of a reading. Instructors are also able to dive into the conversations and facilitate the conversation as necessary. We have seen students improve their academic reading skills by learning from their peers and instructors using this tool. Beyond the capabilities of the tool, the collaborative annotation facilitates a culture of inclusion by granting a space for all students to share their insights. As Kim Vose states in her [TLi blog post](#), "...some students aren't comfortable talking in groups, and hence, we may miss their insights." Tools like Hypothesis bridge this gap. In the past academic year, Hypothesis has been used by 19 instructors, 886 students, and there have been 8,379 annotations made on assignments in CI Learn. Much like PlayPosit, faculty have requested this project be funded to continue to monitor student learning and move towards full adoption.

Teaching and Learning Innovations, along with our piloting faculty partners, see potential with these tools in their ability to engage students in deeper ways that haven't previously been possible. We are seeking to continue these current pilots through the Fall 2020/Spring 2021 and secure funds to continue researching and exploring emerging technologies. With the continued focus on student success at CI, it's important that we expand our exploration of new and innovative tools to ensure that our students are able to get the most out of their learning experiences. These tools will allow our instructors to adequately engage with their students in innovative ways that reach our students where they are.

Amount of MSFT Funding Requested

26,000

Project/Activity Budget Detail

Project/Activity Budget Detail

- Hypothesis Contract: \$5,000
- PlayPosit Contract: \$16,5000
- Student Assistant support: \$4,500

Student assistant support will collect data and create support documentation for faculty and student users of both products. The student assistant will also be invited to share the outcomes of the pilot through our Teaching & Learning Innovations blog and with the educational technology companies we are working with.

Funding from MSFT will be acknowledged on all communication about the projects and on our website when the tools are listed for use.

Recurring Costs

If the pilot projects are recommended for full adoption, there will be ongoing contract costs. Part of the pilot process is to develop a plan for permanent or multi-year funding.

Timeline

Phase 1 Hypothesis: no-cost pilot completed 2018-2020

Recommendation from faculty to continue pilot and move toward full adoption with extended rollout and faculty and student support.

Phase 2 Hypothesis: 2020-2021 (\$5,000)

Fall semester we will conduct outreach to bring another set of faculty on board using the tool. Students and faculty will be surveyed to collect feedback about usability and contribution to learning. Spring semester, support documentation will be completed and teaching use cases collected to support a full rollout.

Phase 1 PlayPosit: small pilot in-progress 2019-2020 (cost \$5,000)

Recommendation from piloting faculty to expand pilot to more disciplines and learn about different use cases.

Phase 2 PlayPosit: Expanded pilot to interested in faculty through a soft launch and focused workshop support (\$16,500)

Summer and Fall 2020 will be focused on recruiting faculty to use PlayPosit and expanding our approach to data collection to include qualitative data and course examples. During the Fall, we will also collect student feedback about usability and impact on the learning experience. Spring 2021 we will evaluate the feedback and decide on recommendations for the next stage.

Will you receive funds from any other source(s)?

No

Other Funding Sources

No other funding sources are available. We were able to have Phase 1 of the Hypothesis project offered at No Cost. Phase 1 of PlayPosit was funded from general funds that are no longer available. Staff costs for launching, and supporting the project will be covered by Teaching & Learning Innovations.

Has this project or activity previously received MSFT funding?

No

Acknowledgment

Fiscal Management

Project applicant/sponsor's unit or department may be responsible for incurred over and above what is funded through the MSFT. If support is requested for costs beyond initial award, or for use on activities or materials not included in approved proposals, the project sponsor must seek approval from the MSFT committee. The project applicant/sponsor will be responsible for managing purchases, transfers of funds, and all transactions related to approved projects

Please review MSFT webpage for information about the fund and its objectives before submitting your application.

**CSU Channel Islands
MSFT Proposed Budget
2020-2021**

Please layout in detail when various components of your plan will be complete in order to achieve key milestones. This information will be use to forecast the spending of MSFT within the fiscal year.
PS: all purchases/services need to be received and billed to CI before June 30th to account for the current fiscal year.

SAMPLE

Project or Acitivity Title

**Total Requested
\$\$**

Chemistry Laboratory Instrumataion Refresh

\$452,000

MSFT Planning Budget Calendar 2020-2021

Items or services requested to be funded	July 2020 -Period 1	August 2020-Period 2	September 2020 -Period 3	October 2020 -Period 4	November 2020 -Period 5	December 2020 -Period 6	January 2021 -Period 7	February 2021 -Period 8	March 2021 -Period 9	April 2021 -Period 10	May 2021 -Period 11	June 2021-Period 12	Grand Total
Purchase of UPS Power Conditioner				\$ 9,000.00									\$ 9,000.00
Purchase Glove Box			\$ 42,000.00										\$ 42,000.00
Purchase of Spectrohometer						\$ 156,000.00							\$ 156,000.00
Purchase of Fluorimeter							\$ 39,000.00						\$ 39,000.00
Purchase of Analytical Ultracentrifuge			\$ 198,000.00										\$ 198,000.00
Lab. Student assistant hours to set up equip.								\$ 2,000.00	###	\$ 2,000.00	###		\$ 8,000.00
Total	\$ -	\$ -	\$ 240,000.00	\$ 9,000.00	\$ -	\$ 156,000.00	\$ 39,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 452,000.00

CSU Channel Islands
MSFT Proposed Budget
2020-2021

Please layout in detail when various components of your plan will be complete in order to achieve key milestones. This information will be use to forecast the spending of MSFT within the fiscal year.
 PS: all purchases/services need to be received and billed to CI before June 30th to account for the current fiscal year.

Project or Activity Title

Total Requested
\$

Innovations and Expansions in Academic Technology

\$26,000

*formulas will calculate totals

MSFT Planning Budget Calendar 2020-2021

Items or services requested to be funded	July 2020 -Period 1	August 2020-Period 2	September 2020 -Period 3	October 2020 -Period 4	November 2020 -Period 5	December 2020 -Period 6	January 2021 -Period 7	February 2021 -Period 8	March 2021 -Period 9	April 2021 -Period 10	May 2021 -Period 11	June 2021-Period 12	Grand Total
PlayPosit Contract	\$ 16,500.00												\$ 16,500.00
Hypothesis Contract		\$ 5,000.00											\$ 5,000.00
Student Assistant			\$ 500.00	###	\$ 500.00	\$ 500.00	###	\$ 500.00	###	\$ 500.00	###		\$ 4,500.00
Total	\$ 16,500.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 26,000.00