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Application Summary

Competition Details

Competition Title: MSFT Applications for 2021-2022

Category: Internal Funding

Award Cycle: 2021-2022

Submission Deadline: 03/16/2021 10:00 AM

Application Information

Submitted By: Michael McGarry

Application ID: 853

Application Title: Innovations and Expansions in Academic Technologies

Date Submitted: 03/15/2021 1:21 PM

Personal Details

Applicant First Name: Michael

Applicant Last Name: McGarry

Applicant Department: Teaching & Learning Innovations

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

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Application Details

Proposal Title

Innovations and Expansions in Academic Technologies

Brief Project Description

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. While simultaneously evaluating current tools to assure they continue to meet intended objectives. 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: Hypothesis and Mentimeter.

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, we've seen substantial growth in the use of the tool. During the Fall 2020 and Spring 2021 semesters, Hypothesis has been used by 132 instructors, 3,893 students, and there have been 54,392 annotations made on assignments in CI Learn. With the successful growth of the tool due to the last year's MSFT awards, faculty have requested this project be funded to continue to monitor student learning and move towards full adoption.

Mentimeter is a real-time response system that allows instructors to use live polls, quizzes, word clouds, Q&As, and more to get real-time input from their students; regardless if instruction is remote, hybrid, or face-to-face. The adaptability of this technology across teaching modalities makes it one that can serve a long-time benefit to our classes. With real-time engagement, instructors are easily able to check-in with their students to see if the class is fully understanding a given topic, or if more time needs to be spent. Mentimeter provides a modern solution to antiquated clicker systems that have been adopted in the past.

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 2021/Spring 2022 semesters and secure funds to continue researching and exploring emerging technologies.

Our previous MSFT award allowed us to pilot and fully adopt Playposit, which has grown in usage and is continuing to be recommended by the TLI team and others who have adopted the tool. 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.

Timeline

Phase 1 Hypothesis: funded through 2021

- Previous MSFT award allowed us secure the use of Hypothesis through December 2021

Phase 2 Hypothesis: 2021-2022 (\$12,000)

- With the increased usage, CI has met the criteria for a full adoption enterprise contract with Hypothesis. This will allow the tool to expand in usage amongst instructors and students. TLI will partner with ITS to look for permanent funding for this tool during 21-22.

Phase 1 Mentimeter: small pilot group of 25 (cost \$7,500)

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

Phase 2 Mentimeter:

- If the small group pilot is successful, phase 2 will involve a larger group of faculty.

Amount of MSFT Funding Requested

29,580

Project/Activity Budget Detail

Hypothesis Contract: \$12,000

PlayPosit Contract: \$7,5000

Student Assistant support: \$10,080

- 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.

Total budget: \$29,580

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. Permanent funding would be requested through the ITS Academic Technology Advisory Committee while simultaneously recommending the CSU Chancellor's Office work with the company to develop a system-wide contract and reduce the cost.

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

No

Other Funding Sources

No other funding sources are available. Phase 1 of the Mentimeter project was funded from general funds that are no longer available.

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
2021-2022

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
\$

Hypothesis / Mentimeter

\$ 29,580.00

*formulas will calculate totals

MSFT Planning Budget Calendar 2021-2022

Items or services requested to be funded	July 2021 -Period 1	August 2021-Period 2	September 2021 -Period 3	October 2021 -Period 4	November 2021 -Period 5	December 2021 -Period 6	January 2022 -Period 7	February 2022 -Period 8	March 2022 -Period 9	April 2022 -Period 10	May 2022 -Period 11	June 2022-Period 12	Grand Total
Hypothesis annual license							\$12,000						\$ 12,000.00
Mentimeter license for 25 users	\$ 7,500.00												\$ 7,500.00
Fall 2021 Student Assistant (20hrsx\$14/hr)		\$1,120.00	\$1,120	\$ 1,120.00	\$ 1,120.00								\$ 4,480.00
Winter Break 2021 Student Assistant (40hrsx\$14/hr)						\$1,120.00	\$ 1,120.00						\$ 2,240.00
Spring 2022 Student Assistant (20hrsx\$15/hr)								\$ 1,120.00	###	\$ 1,120.00			\$ 3,360.00
Total	\$ 7,500.00	\$ 1,120.00	\$ 1,120.00	\$ 1,120.00	\$ 1,120.00	\$ 1,120.00	\$ 13,120.00	\$ 1,120.00	\$ 1,120.00	\$ 1,120.00	\$ -	\$ -	\$ 29,580.00