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OCCDLA ETWG - 2015-17 R&D Fund Overview of Projects

Summary

The Emergent Technology Work Group evaluates new and emerging technologies that lead to potential consortial agreements and cost savings for Oregon community colleges. This work provides innovative tools and improves opportunities for access to technology for teaching and learning at our community colleges.

During the first half of the biennium the work group conducted a large scale pilot of the Zoom video conferencing technology to evaluate the viability of Zoom as a possible replacement for state-wide.

In the second half of this biennium the workgroup has promoted and administered four Faculty Exploration Grants and six Work Group Exploration Grants.

As this is our initial biennium working with supported R&D funding we will be using our experience to inform our practice.

Highlights

The following are some of the key projects and initiatives supported by R&D grant funding during the 2015-17 biennium.

Statewide Zoom Pilot

During spring of 2016 the Emergent Technology Work Group conducted a large scale pilot of the Zoom video conferencing technology to evaluate the viability of Zoom as a possible replacement for state-wide. This involved pilot included 9 participating Oregon community colleges.

A broad scope of features and functionality for user experience and administrative features were evaluated in the pilot. College site administrators were able to gain direct experience with Zoom

to better understand how it could be implemented at their colleges. Participants found Zoom's administrative functions intuitive and the administrative tools and features met their needs and expectations to successfully support Zoom as a potential video and web conferencing tool at their individual institutions.

This year a funding proposal was put forward by Blue Mountain Community College for a 2 year OCCDLA consortial license for Zoom during 2017-18. Recommendations and results from the ETWG Zoom pilot contributed to the recent funding proposal.

Faculty Exploration Grants

During the 2016-17 biennium the ETWG worked with faculty [offering access to explorations grants](#) using some of the available R&D Grant Funding for exploration of instructional technologies in distance education.

Faculty exploration grants were intended to support faculty in their investigation of emerging instructional technologies. It is also intended to enable our technical support systems access to these emergent tools for integration and implementation testing.

We held no requirements that these technologies be implemented in an actual course, only that they have the potential to enhance instruction. Grant activities included things like experimentation with software/apps. Funds were not permitted to be used to purchase equipment or hardware.

Below are a list of faculty that received funding for technology explorations.

- Lisa Hillyard, Adobe Presenter - Video Vignettes to Improve Instructor Presence, Clackamas Community College.
- Steve Greco - Satellite Data Systems Access, Chemeketa Community College.
- Scott Morgan, Auto Mechanic Simulator - Commercial off the shelf Games & Simulations in Curriculum, Portland Community College.
- Sharon Hennessey, Thinglink - Image Annotation in ESOL, Portland Community College.

Work Group Exploration Grants

This OCCDLA Emergent Technology Work Group has established a research & development fund to enable the group to access and license technology as identified by the greater group to pilot test for possible shared implementation. As emergent technology tools and services are identified as possible viable candidates for consortium level sharing, the Emergent Technology work group will use these R&D funds to gain access for evaluation.

This process may include:

- Identification and selection of emergent instructional technology

- Pilot execution, including viability and operation plans

Below are a list of ETWG members that received funding for technology explorations.

- 360 Video Creation: Ricoh Theta S - Paula Ascher, Columbia Gorge Community College.
- Motion Tracking Lecture Capture: Swivl - Sage Freeman, Chemeketa Community College.
- Screencasting with scribing: Monoprice Pen Display Tablet - Ian Coronado, Lane Community College.
- Screencasting with scribing: Low cost Dell Touch Screens - Paula Ascher, Columbia Gorge.
- 360 Image Annotation: Thinglink - Monica Marlo, Portland Community College.
- Immersive Learning Toolkit: AR/VR/MR Exploration; Universal Design Review; Faculty Introduction Road Show - Monica Marlo, Portland Community College.
- OER Virtual Reality Technology Study: HTC Vive VR, Google Cardboard - Eric Nambo, Chemeketa Community College

Results from these technology reviews have been published to the OCCDLA website.

IGRA 0835 Budget Summary for 2015-17: \$11,000

Budget Item Description	Year 1	Year 2
Zoom Pilot	\$1,545.00	\$0
Faculty Exploration Grants	\$545	\$240
Work Group Exploration Grants	\$0	\$5,547.81
Samson GO microphones for OCCDLA voting representatives	\$0	\$612.85
Grant Administration Fee	\$1,000.00	\$0
Total	\$3,090.00	\$6,400.66
Balance	\$7,910.00	\$1,509.34

For more detailed information of grant fund expenses please refer to the [OCCDLA ETWG R&D Expenses Tracking sheet](#).