

Instructionally Related Activities Funds Request Spring 2018

▼ Submitter

Submitter Name

Brian Thoms

Submitter Email

brian.thoms@csuci.edu

▼ 1. Basic Details

Activity Title

A Field Trip to Virtual Reality: Exploring Online Communities in Virtual Reality

Activity/Event Date

3 VR Sessions beginning March 1, 2018

Date Funding Needed By

February 1, 2018

Previously Funded?

- No
 Yes

Additional Proposers

Academic Program(s)/Center Name(s)

Computer Science

Estimated total Course Fee revenue

N/A

Amount Requested from IRA

5364.25

Estimated Number of Students Participating

35

2. Brief Activity Description

Describe the activity and its relationships to the educational objectives of the students' program or major

Brief Activity Description

COMP 449, Human Computer Interaction (HCI) is a cross-listed online course with psychology and introduces students to the interfaces and exchanges people have with computers. With the support of IRA funds, students will be provided the unique experience to explore virtual reality (VR), offering an immersive online experience. More specifically, these funds will be used to purchase 10 VR head-sets and help students explore VR interactions within COMP 449.

3. Learning Outcomes and Relation of IRA to Course Offerings

All IRAs must be integrally related to the formal instructional offerings of the University and must be associated with scheduled credit courses.

1. Please list all classes that directly relate to the proposed activity.
2. For each class listed, describe in detail how exactly the IRA activity will be integrated with the class's activities, how often/ on what expected date(s), and to what extent

Learning Outcomes and Relation of IRA to Course Offerings

Oculus Rift head-sets will be made available for use primarily for COMP /PSY 449 - Human Computer Interaction (Online), where students will explore 3D environments and meet course objectives using immersive technologies. More specifically, the goal will be to introduce VR across 3 different interventions to ensure that all students have the opportunity to experience VR technologies. The head-sets will also be valid artifacts in COMP 494 - Independent Research, where students may use VR head-sets to explore new research opportunities and COMP 499 - Capstone Project, where students will be able to explore VR-enabled projects as they work towards their final capstone projects.

4. Activity Assessment

Describe the assessment process and measures that the program will use to determine if it has attained its educational goals.

Please note that a report will be due at the end of the semester.

Description of Assessment Process

Assessment in COMP / PSY 449 will take place using a case-study approach exploring the use of VR in online-courses. Data will be collected through student-reflections submitted as blog posts. Assessment in COMP 494 and COMP 499 will take place through poster presentations that take place either at 1) SAGE Student Conference or 2) CS Capstone Project Presentations.

5. Activity Budget

Please enclose a complete detailed budget of the entire activity. Indicate specific items that you are requesting IRA to fund.

You should use either the Regular Activity budget (for events on campus) or -- if your event involves any travel-- you MUST

use the IRA Travel Budget Form.

You can download both of the IRA Excel Budget sheets at <http://www.csuci.edu/ira/application.htm>.

Activity Budget

[VR-f17.xlsx](#)

▼ 6. International Trips

If your event is an international trip submitted through the Center for International Affairs, you must include copies of:

1. Complete Center for International Affairs/ UNIV 392 proposal
2. The program budget as submitted to the Center for International Affairs (to ensure congruency between the two budgets)
3. as well as a copy of the course syllabus

Center for International Affairs Budget

Copy of Center for International Affairs Proposal

Course Syllabus

Certification

I certify that students attending this trip are not previous or repeat attendees of a prior International UNIV 392 Trip

▼ 7. Sources of Activity Support

Please list the other sources of funding (including course fees), and exact expected amounts of additional support for the activity. Please indicate if there are no other sources of funding

Other Sources of Funding

There are no additional sources of funding.

▼ 8. Promoting Participation

What is your intended audience and how do you intend to market this to your students?

The intended audience will be students enrolled in COMP 449. For online courses, the capacity is 35 students.

If this is an event that is off campus, how do you plan to bring back the benefit of this event to campus?

N/A

▼ 9. Sustainability

If appropriate, indicate how the content or delivery of the project promotes sustainability at CI.

Sustainability

VR offers an incredible opportunity to explore and participate in external events without having to leave the CI campus. Thus, the set of activities proposed in this IRA will give students taking online courses a unique and immersive experience to collaborate and communicate in VR.

10. Approval and Acknowledgement

Program Chair/Director

Soltys, Michael

Dean

Adler, Mary

Conditions and Considerations

- Artist/Performer/Speaker Fees & Honoraria:** On the Activity Budget, please indicate whether the vendor's price was set by you/CI Representative, or is a fee that was set by the vendor.
- Large Event:** For a large event, consultation with the campus Event Coordinator's office at (805)437-8548 is required.
- Field Trip:** Sponsor must comply with all policies found at:
<http://www.csuci.edu/rm/programs/academic-field-trip-guidelines-and-forms.htm>. If approved, Identified Risks of Participation and Release Agreement must be submitted for each student to the Program Office (Public Folders-HR Forms).
- Involves Human Subject Data Collection for Public Dissemination -Requires IRB Approval :** If Project Sponsor proposes to conduct research with human participants, the proposal may be subject to Institutional Review Board for the Protection of Human Subjects (IRB) review. All research that involves any type of interaction with human subjects - from simple surveys to complex biomedical procedures - must be reviewed and approved by the IRB prior to starting the research. Data for "Public Dissemination" indicates interviews/surveys that result in a journal/poster session/newsletter, etc.
- IT Requirements:** If your activity has IT requirements, coordination with and approval from IT Administration is required.
- International Travel:** Requires International Travel application be submitted to Center for International Affairs. Include copy of CIA budget and course syllabus in your IRA application. Must utilize the University's Foreign Travel Insurance Program (FTIP) and follow all International Travel Guidelines listed at: <http://www.csuci.edu/rm/insurance/foreign-travel.htm>
- Risk Management Consultation:** Events that involve or engage students directly with a performer or artist (i.e. in a workshop or other than as a passive audience member) will require consultation with Risk Management. Requires proof of correspondence with Risk Management.
- Space/Facilities Services Requirements:** Consultation and coordination with Facilities Services is required.

Acknowledgement

- I acknowledge that I have reviewed and accepted the Conditions and Considerations herein. Please check off boxes as appropriate.

Chair Review

Recommendation

- I recommend approval of the IRA Funds Request described on this page
- I DO NOT recommend approval of the IRA Funds Request described on this page

Comments

▼ Dean Review

Recommendation

- I recommend approval of the IRA Funds Request described on this page
- I DO NOT recommend approval of the IRA Funds Request described on this page

Comments

Although the project, course and goals are commendable, this does not appear to be a good fit for IRA. Particularly the focus on physical equipment (discouraged by IRA guidelines), lack of additional funding by program or other sources, and current inability to extend benefits to students outside of the course.