

# Instructionally Related Activities Funds Request Spring 2018

## ▼ Submitter

### Submitter Name

Jarmila Nguyen

### Submitter Email

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## ▼ 1. Basic Details

### Activity Title

Cross disciplinary resources (mathematics and reading) for future elementary school teachers.

### Activity/Event Date

Throughout the semester

### Date Funding Needed By

November 15, 2017

### Previously Funded?

- ☒ No  
☐ Yes

### Additional Proposers

### Academic Program(s)/Center Name(s)

Mathematics

### Estimated total Course Fee revenue

n/a

### Amount Requested from IRA

2000

## Estimated Number of Students Participating

100

### ▼ 2. Brief Activity Description

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

#### **Brief Activity Description**

Students taking Mathematics for Elementary School Teachers (Math 208 and Math 308) learn how to become inspirational and creative teachers of mathematics. These two courses develop understanding of the mathematics concepts at a level that is meaningful to future elementary teachers. The classes introduce prospective elementary teachers with various methods to integrate mathematics into the classroom curriculum.

To provide students with various methods of teaching mathematics in elementary school setting, we would like to create a collection of books intended for K-5 grade levels. Each book in our newly formed collection will introduce a mathematics concept within a story line and thus allow future teachers to explore math concepts from multiple perspectives ,including those within and across disciplines.

Our collection will also include Common Core Mathematics Book Sets that will allow our university students to explore the math concepts through the eyes of an elementary school student.

### ▼ 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**

1. Math 308 ( 3 sections) and Math 208 ( 2 section)

2. This book collection will be stored on a 2-sided book cart on wheels. This way it will be available for direct use in the classrooms. We have two sections of Math 208 and three sections of Math 308 offered each semester. That is approximately 15 hours of instruction per week. The books will be used during the class for cross disciplinary activities.

In addition, each student will have an opportunity to use the materials from the book collection throughout the whole semester.

About 200 students will benefit from the cross-disciplinary resource per year

### ▼ 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**

Student that will complete a reflective survey at the end of the semester.

## 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

[JN 13-14-ira-regular-budget.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

No other source of funding.

## 8. Promoting Participation

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

Math 308 and Math 208 students, the materials will be used during the class.

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

## ▼ 9. Sustainability

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

### Sustainability

The resources acquired through this project will be reused in upcoming years.

## ▼ 10. Approval and Acknowledgement

### Program Chair/Director

Grzegorzczuk, Ivona

### 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

This request will support student service projects at local schools as well as serve as a resource for future teachers - our Liberal Studies students at CI. I strongly support it for funding.

 Ivona Grzegorzcyk Oct 12 2017

## ▼ 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

If the proposer has not already consulted with the acquisitions librarian, that would be beneficial. For items that the library is willing to accept into collections, this would provide the possibility of a more permanent storage and indexing solution and wider availability for the campus at large.

 Marion Adler Oct 16 2017