



<http://www.csuci.edu/ira/index.htm>

Application
Instructionally Related Activities Funds Request
2009-2010 Academic Year
DEADLINE: Fall and Academic Year 3/14/09
Spring 10/15/09

Applications must first be sent to the appropriate program chair. Chairs will the recommend and route them to the Dean's Office for review and authorization. The Dean's Office will then forward them to the IRA Committee for consideration.

Activity Title: *Physics of Music*

Project Sponsor/Staff (Name/Phone): Jerry Clifford, 437-2798

Activity/Event Date(s): Spring semester 2010

Date Funding Needed By: January 2010

**Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2009 and for Spring Requests early January 2010.

Please check if any of the following apply to your IRA:

- | | |
|---|---|
| <input type="checkbox"/> Equipment Purchase | <input type="checkbox"/> Field Trip |
| <input type="checkbox"/> Event | <input type="checkbox"/> Participant data collection for public dissemination, i.e. interviews/surveys that result is a journal/poster session/newsletter |
| <input type="checkbox"/> IT Requirements | |
| <input type="checkbox"/> International Travel | |
| <input type="checkbox"/> Space/OPC Requirements | <input type="checkbox"/> Risk Management Consultation |
| <input type="checkbox"/> Infrastructure/Remodel | <input type="checkbox"/> Late Submission (Passed Deadlines) |
| x Other: guest speakers for class | |

Previously Funded: x YES ☐ NO Yes, Request # _____

Does your proposal require IRB (Institutional Review Board) approval: ☐ Yes x No

Assessment submitted for previously Funded Activity: xYES ☐ NO

Academic Program or Center Name and Budget Code: Applied Physics

Date of Submission: 3/15/09

Amount Requested: \$800 & parking fees
 (Should match item 2. E. on page 4)

Estimated Number of Students Participating: 24

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Conditions and Considerations

Equipment Purchase-If requesting large equipment, Project Sponsor must show proof of correspondence with OPC Administration. In addition, all other purchases must follow Procurement Guidelines

Events-Attach copy of Events and Facilities Use Request Form (Public Folders-Events & Facilities folder) Consider time frame for set-up and take down.

Participant Data Collection for Public Dissemination-If Project Sponsor proposes to conduct research with human participants then it may be subject to IRB (Institutional Review Board for the Protection of Human Subjects) review. It is the Project Sponsor's responsibility to inquire with the IRB **prior** to IRA application submission to determine if the project is exempt from IRB review so that funding is not delayed. Please indicate on the cover page if your project is exempt from IRB review.

Field Trip-If approved, Identified Risks of Participation and Release Agreement must be submitted for each student to the Program Office (Public Folders-HR Forms).

IT Requirements-Requires proof of correspondence and approval from IT Administration

International Travel-Requires International Travel application be submitted to Center for International Affairs.

Risk Management Consultation-Requires proof of correspondence with Risk Management.

Space/OPC Requirements, Infrastructure/Remodel-Requires proof of correspondence with OPC Administration .

Late Submission (Deadlines: Fall 3/14, Spring 10/15)-Requires explanation for emergency funding.

Fiscal Management: Project Sponsor's program will be responsible for all costs incurred over and above what is funded through the IRA award and will be responsible for seeing that any revenue that is intended to offset the amount of the IRA award is transferred accordingly.

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Requirements and Signatures

Please provide the following in your application:

1. **Brief Activity Description.** Describe the activity and its relationship to the educational objectives of the students' program or major.

The Physics of Music course is designed to give a useful and fun understanding of music and sound for general education, physics and performing arts students interested in music and speech. The format includes lectures, demonstrations, and hands-on activities. After covering the basic foundations of sounds and music, the students investigate each musical instrument group, including percussion, plucked strings, bowed strings, blown pipes, blown reed instruments and the human voice. Examples of each group are examined and demonstrated.

To enhance the course, we would like to invite professional musicians who understand the art of their instrument to do guest presentations to the class. They would show the students how the instrument is constructed and how it can produce a variety of musical sounds. Having knowledgeable musicians share their intimate understanding adds immeasurably to the depth and breadth of the course.

Enticing professional musicians to make guest presentation usually requires some payment. Most musicians work for several orchestras and teach private lessons. We would have to compensate the musicians for their time and expertise. We would invite four musicians to each make a one-hour presentation to the class on their specific instrument.

2. **Relation to 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. Please list all classes that relate to the program proposed.

This proposal would support the existing courses PHYS 335/PAMU 335, which is a 3 unit course, currently taught in the Spring semester. The course is very popular and has an enrollment of 24 students. Enrollment is limited by the seating and number of computers in our physics classroom; we make extensive use of computer analysis of sound waveforms.

3. **Activity Assessment.** Describe the assessment process and measures that the program will use to determine if it has attained its educational goals. **Please note a report will be due at the end of the semester.**

After each guest presentation, the students would answer a brief questionnaire about the presentation and specific questions would be included in the weekly quizzes about the

instrument, its construction, it playing or its unique sound characteristics. The information will be collected into a report at the end of the semester.

For the current Spring 2009 class, 24 students are in class. Our first professional musician will be in class today. Last year the students were very enthusiastic during the guest presentations and participated with good questions. Many students talked with the guests after their presentations and appeared motivated by the artists' careers. In general, I couldn't be happier with the part the guest musicians added this year. In 2007, we invited local amateur musicians who were less engaging and contributed less to the overall class instruction.)

4. **Activity Budget.** Please enclose a complete detailed budget of the entire Activity **bold** specific items of requested IRA funding. (Page 4)

This year we planned for five musicians at \$150 for \$750. We found that the going rate was \$175 so we had only four professional musicians and some local musician. Next year I would like to offer a remuneration of \$200 per guest to four musician for a total of \$800. Each musician would make a one-hour presentation to the class. Each would be expected to prepare a lecture/presentation along with their performance. Most of the musicians are from LA and the increased compensation would pay for the added driving costs from LA. This may be divided up differently if we have multiple guests for a session. Parking should also be provided.

5. **Sources of Activity Support.** Please list the other sources of funding, and additional support for the activity.

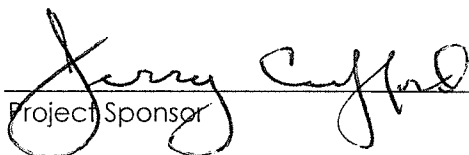
Rock City Music Studio in Camarillo has generously supported the class by opening their studio for a class period. Their staff did presentations and performances on a variety of musical instruments. They also discussed the design of studio acoustics. We expect their support to continue in 2010.

Henson's Music Center of Camarillo has loaned us musical instruments to demonstrate in class.

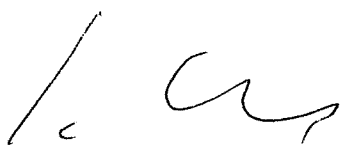
CSUCI faculty who are musicians have volunteered to make guest presentations to the class. In 2009 Ted Lucas discussed and played the violin and Paul Murphy demonstrated acoustic guitars to the class. Their participation has allowed us to reduce the number of paid guest musicians.

7. **Acknowledgment.** Project Sponsor and Program Chair acknowledge that they have reviewed and accepted the Conditions and Considerations detailed on page 2.

Signatures and Dates


Project Sponsor


Date



Program Chair/Director

3/15/09

Date



Dean

3/17/09

Application
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ACTIVITY BUDGET FOR 2009-2010

1. Operating Expense Budget

| | |
|--------------------------------------|--------------------------|
| A. Supplies | none |
| B. Vendor Printing | none |
| C. In-State Travel | included |
| D. Out-of-State Travel | none |
| E. Equipment Rental | none |
| F. Equipment Purchase | none |
| G. Contracts/Independent Contractors | none |
| H. Honorarium | \$800 |
| I. OPC Chargeback | none |
| J. Copier Chargeback | none |
| K. Other (Please Specify) | parking fees |
| TOTAL Expenses | \$800 & parking fees |

2. Revenue

| | |
|---|-------|
| A. Course Fees | _____ |
| B. Ticket Sales | _____ |
| C. Out of Pocket Student Fees (exclusive of course fees) | _____ |

D. Additional Sources of
funding
(Please specify
And indicate source)

E. **Requested Allocation
from IRA**

Total Revenue

none



California State University Channel Islands
Check Request Form

302

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: Christopher Tedesco

Address 1: 23665 Community Street

Address 2:

City, State Zip: West Hills, CA 91304

Amount: \$ 200.00

PeopleSoft Vendor ID: _____

Note: New vendors must complete a Form 204

Check Instructions:

- ☐ Mail to payee
☒ * Pick up at Cashier - Ext 3253
☐ Mail attachments with check - include copies

Description to appear on reports (30 characters)

Tedesco Honorarium

*Check will only be held for 48 hours after notification before being mailed out.

TYPE OF PAYMENT:

- ☐ Advertising
☐ Art Model
☐ Bank Fee*
☐ Freight/Postage
☒ Honorarium/Speaker
☐ Interpreting/Note taking

- ☐ Lodging (Camarillo area) **
☐ Membership/Dues
☐ Parking
☐ Payroll
☐ Permit/License
☐ Registration/Conference

- ☐ Subscription/Periodical
☐ Tax Remittance*
☐ Utility/Telephone
☒ IRA Activity
☐ Other-must be explained

*Accounting Use Only **Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for Christopher Tedesco guest speaker/musician for Physics of Music, an IRA sponsored activity. Offer letter attached. 204 form attached and was previously faxed to Procurement. IRA proposal attached. Event date 4/5/10

ACCOUNTING & APPROVAL:

| Account | Fund | Dept ID* | Program | Class | Project/Grant** | Amount |
|---------|-------|----------|---------|-------|-----------------|----------|
| 613802 | TK910 | 785 | 90260 | | | \$200.00 |
| Total | | | | | | \$200.00 |

*Depts. 2xx,3xx,4xx,6xx,9xx require additional approval as designated by VP Finance & Admin.

Requestor: Mary Devins
Printed Name & Extension

Signature

2/16/10
Date

Approver: Dan Wakelee
Printed Name & Extension

Signature

Date

Approver:

302

February 15, 2010

Chris Tedesco

Dear Chris,

This is a formal invitation to confirm our earlier e-mails. I would like to invite you to participate as a guest speaker at CSU Channel Islands for the Physics of Music course (PAMU/PHYS 335 Spring 2010) on Monday, April 5th. You will be discussing various horn instruments. Please bring whatever instruments you wish to demonstrations. Our class of 25 students has a broad background of interests. An honorarium of \$200 is offered.

The class meets in Aliso Hall room 133 from 10 to 11:50 PM. Your presentation/performance can be from 10 to 10:50 or from 11 to 11:50 PM. The earlier time might be better because I am available before class to help you on campus. As you enter campus proceed straight to a stop sign. Turn right at the stop and follow the road until it ends at the Aliso Hall parking lot A4. Please park in lot A4. We will have a parking permit for your visit. I am attaching a link to our campus map <http://www.csuci.edu/about/map/images/csuci-campus-map-2007-0725-original.gif>.

If you have any questions, please call me at my office 805-437-2798.

We look forward to your visit.

Best regards,



Jerry Clifford, PhD
Physics & Astronomy
California State University, Channel Islands



California State University Channel Islands
Check Request Form

302

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: Rock City Studios

Address 1: 2258 Pickwick Drive

Address 2:

City, State Zip: Camarillo, CA 93010

Amount: \$ 200.00

PeopleSoft Vendor ID:

Note: New vendors must complete a Form 204

Check Instructions:

- ☒ Mail to payee
☐ * Pick up at Cashier - Ext
☐ Mail attachments with check – include copies

Description to appear on reports (30 characters)

Peyton Honorarium

*Check will only be held for 48 hours after notification before being mailed out.

TYPE OF PAYMENT:

- | | | |
|--|--|--|
| <input type="checkbox"/> Advertising | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical |
| <input type="checkbox"/> Art Model | <input type="checkbox"/> Membership/Dues | <input type="checkbox"/> Tax Remittance* |
| <input type="checkbox"/> Bank Fee* | <input type="checkbox"/> Parking | <input type="checkbox"/> Utility/Telephone |
| <input type="checkbox"/> Freight/Postage | <input type="checkbox"/> Payroll | |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License | <input checked="" type="checkbox"/> IRA Activity |
| <input type="checkbox"/> Interpreting/Note taking | <input type="checkbox"/> Registration/Conference | <input type="checkbox"/> Other- <u>must</u> be explained |

*Accounting Use Only

**Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for Dan Peyton of Rock City Studios guest speaker/musician for Physics of Music, an IRA sponsored activity. Offer letter attached. 204 form attached and was previously faxed to Procurement. IRA proposal attached. Event date 2/15/10.

ACCOUNTING & APPROVAL:

| Account | Fund | Dept ID* | Program | Class | Project/Grant** | Amount |
|---------|-------|----------|---------|-------|-----------------|----------|
| 613802 | TK910 | 785 | 90260 | | | \$200.00 |
| Total | | | | | | \$200.00 |

*Depts. 2xx,3xx,4xx,6xx,9xx require additional approval as designated by VP Finance & Admin.

Requestor: Mary Devins
Printed Name & Extension

Signature

Date

Approver: Dan Wakelee
Printed Name & Extension

Signature

Date

Approver:

302

February 15, 2010

Mr. Dan Peyton
Rock City Studio
2258 Pickwick Drive
Camarillo, CA 93012

Dear Dan,

This is a formal invitation to confirm our earlier e-mails. I would like to invite you to participate as a guest speaker at CSU Channel Islands for the Physics of Music course (PAMU/PHYS 335 Spring 2010) on Monday, February 15th. We will meet you at Rock City Studio from 7:30 to 9:30 PM. You will be discussing acoustic and electric guitars. You will provide whatever instruments you wish to demonstrations. Last year's presentation was great for our class of 25 students with a broad background of interests. An honorarium of \$200 is offered.

If you have any questions, please call me at my office 805-437-2798.

We look forward to your presentation.

Best regards,



Jerry Clifford, PhD
Physics & Astronomy
California State University, Channel Islands



California State University Channel Islands
Check Request Form

302

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: Chris Banta

Address 1: on file

Address 2:

City, State Zip:

Amount: \$ 200.00

PeopleSoft Vendor ID: 4711

Note: New vendors must complete a Form 204

Check Instructions:

- ☐ Mail to payee
☒ * Pick up at Cashier - Ext 3253
☐ Mail attachments with check -- include copies

Description to appear on reports (30 characters)

Banta Honorarium

*Check will only be held for 48 hours after notification before being mailed out.

TYPE OF PAYMENT:

- | | | |
|--|--|--|
| <input type="checkbox"/> Advertising | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical |
| <input type="checkbox"/> Art Model | <input type="checkbox"/> Membership/Dues | <input type="checkbox"/> Tax Remittance* |
| <input type="checkbox"/> Bank Fee* | <input type="checkbox"/> Parking | <input type="checkbox"/> Utility/Telephone |
| <input type="checkbox"/> Freight/Postage | <input type="checkbox"/> Payroll | |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License | <input checked="" type="checkbox"/> IRA Activity |
| <input type="checkbox"/> Interpreting/Note taking | <input type="checkbox"/> Registration/Conference | <input type="checkbox"/> Other- <u>must</u> be explained |

*Accounting Use Only

**Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for Steve Marsh guest speaker/musician for Physics of Music, an IRA sponsored activity. Offer letter attached. Vendor already in database. IRA proposal attached. Event date 2/24/10.

ACCOUNTING & APPROVAL:

| Account | Fund | Dept ID* | Program | Class | Project/Grant** | Amount |
|---------|-------|----------|---------|-------|-----------------|----------|
| 613802 | TK910 | 785 | 90260 | | | \$200.00 |
| Total | | | | | | \$200.00 |

*Depts. 2xx,3xx,4xx,6xx,9xx require additional approval as designated by VP Finance & Admin.

Requestor: Mary Devins
Printed Name & Extension

Signature

Date

Approver: Dan Wakelee
Printed Name & Extension

Signature

Date

Approver:
(If required) Printed Name & Extension

Signature

Date

February 15, 2010

Christopher C. Banta
1045 Calle Almendro
Thousand Oaks, CA 91360

Dear Chris,

This is a formal invitation to confirm our earlier e-mails. I would like to invite you to participate as a guest speaker at CSU Channel Islands for the Physics of Music course (PAMU/PHYS 335 Spring 2008) on Wednesday, February 24. You will be discussing percussion instruments and resonant cavities and you will be bringing your own marimba, and other instruments as you wish, for demonstrations. There will be about 25 students in the course with a broad background of interests. An honorarium of \$200 is offered.

This year the class meets in the same room, Aliso Hall room 133, but different time, from 10 to 11:50 AM, and I have scheduled your presentation/performance from 10 to 11AM. As you enter campus proceed straight to a stop sign. Turn right at the stop and follow the road until it ends at the Aliso Hall parking lot A4. Please park in lot A4. We will have a parking permit for your visit. I am attaching a link to our campus map
<http://www.csuci.edu/about/map/images/csuci-campus-map-2007-0725-original.gif>.

If you have any questions, please call me at my office 805-437-2798.

We look forward to your visit.

Best regards,



Jerry Clifford, PhD
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California State University, Channel Islands