



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

Application
Instructionally Related Activities Funds Request
2008-2009 Academic Year
DEADLINE: Fall and Academic Year 3/14/08
Spring 10/15/08

Applications must first be sent to the appropriate program chair. Chairs will 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" presentations
Project Sponsor/Staff (Name/Phone): Jerry Clifford, 437-2798
Activity/Event Date(s): Spring semester 2009
Date Funding Needed By: January 2009

**Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2008 and for Spring Requests early January 2009.

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

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

Previously Funded: YES NO Yes, Request # _____

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

Assessment submitted for previously Funded Activity: YES NO The project is ongoing. An assessment will be submitted at the end of the semester. Initial feedback is provided below.

Academic Program or Center Name and Budget Code: Physics TK910 785 90153

Date of Submission: 3/14/08

Amount Requested: \$750 & parking fees
(Should match item 2. E. on page 4)

Estimated Number of Students Participating: 28

Application
Instructionally Related Activities Funds Request
2008-2009 Academic Year

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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2008-2009 Academic Year

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 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 the variety of musical sounds. Having knowledgeable musicians share their intimate understanding adds immeasurably to the depth and breadth of the course.

Enticing 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 five 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 27 students. (Enrollment is limited by the 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 bi-weekly quizzes about the

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

For the current Spring 2008 class, 20 students submitted an initial questionnaire and 19 said that the guest musicians were one of the best parts of the class (1 student thought their value was marginal). 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 considerably 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)

Five musicians would each make a one-hour presentation to the class. They would be expected to prepare a lecture/presentation along with their performance. The remuneration would be \$150 per guest lecturer for a total of \$750. This may be divided up differently if we have multiple guests for a session. Parking should also be provided.

For the current class, I started by offering \$100 and found that musicians from Ventura and LA expected \$150 for a presentation. The driving cost from LA will probably push the cost even higher next year.

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 2009.

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 2008 Ted Lucas discussed and played both the violin and piano 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

James C. [Signature] 03/14/08
Project Sponsor Date

Gynthia J. Wyls 3/14/08
Program Chair/Director Date

A. L. [Signature] 3/17/08
Dean

RECEIVED

MAR 14 2008

Dean's Office

Application
Instructionally Related Activities Funds Request
2008-2009 Academic Year

ACTIVITY BUDGET FOR 2008-2009

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	\$750
I. OPC Chargeback	none
J. Copier Chargeback	none
K. Other (Please Specify)	parking fees
TOTAL Expenses	\$750 & parking fees

2. Revenue

A. Course Fees	_____
B. Ticket Sales	_____



California State University Channel Islands
Check Request Form

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

MAKE CHECK PAYABLE TO:

Name: Peter Schueller _____

Address 1: 1911 Cumbre Drive _____

Address 2: _____

City, State Zip: San Pedro, CA 90732 _____

Amount: \$ \$175 _____

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)

Schueller 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:

Guest Speaker for Physics of Music class presentation, an IRA sponsored activity. 204 form attached. Was previously faxed to Procurement.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	730	90216			\$175.00
Total						\$175.00

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

Requestor: Mary Devins x3253
Printed Name & Extension

Signature

4/20/09
Date

Approver: Dan Wakelee
Printed Name & Extension

Signature

4/20/09
Date

Approver: _____

March 27, 2009

Peter Schueller
1911 Cumbre Drive
San Pedro, CA 90732

Dear Peter,

Following our phone conversation, 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 2009) on Monday, April 20. You will be discussing and presenting the voice as a musical instrument. Please bring whatever accompaniment you will need. There will be about 25 students in the course with a broad background of interests. An honorarium of \$175 is offered.

The class meets in Aliso Hall room 133 from 4 to 5:50 PM, and I have scheduled your presentation/performance from 4 to 4:45 PM. 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 or in the courtyard across the street, which usually has room because students can't use it. 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

INSTANT PRINT KING

537 West Seventh Street
San Pedro, California 90731

Telephone: (310) 548-6666 Fax: (310) 548-0181

Date 4/14/09

TRANSMITTAL MEMO

Number of pages 2 (including cover page)

To: Name Mary Devins

From: Name Peter Schweller

Company CSU CI

Company _____

Telephone _____

Telephone 805570 0567

Fax 805 437 8864

Comments

Thank you Mary! I'm sorry this is so late!

PLEASE CALL US IF THE TELECOPY YOU RECEIVED WAS INCOMPLETE.

State of California—Department of Health Services

PAYEE DATA RECORD

(Required in lieu of IRS W-9 when doing business with the State of California)

STD 204 (Rev. 2-2000)

Note: Governmental Entities, federal, state, and local (including school districts) are not required to submit this form.

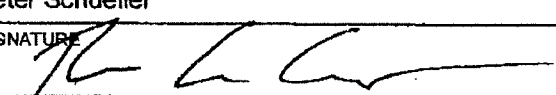
SECTION 1 must be completed by the requesting state agency before forwarding to the payee

<p>1</p> <p>PLEASE RETURN TO:</p>	DEPARTMENT/OFFICE CSU Channel Islands	<p>PURPOSE: Information contained in this form will be used by state agencies to prepare Information Returns (Form 1099) and for withholding on payments to nonresident vendors. Prompt return of this fully completed form will prevent delays when processing payments.</p> <p><i>(See Privacy Statement on Page 2)</i></p>
	STREET ADDRESS One University Drive	
	CITY, STATE, ZIP CODE Camarillo, CA 93012	
	TELEPHONE NUMBER (805) 437-8400	

<p>2</p>	<p>PAYEE'S BUSINESS NAME Peter Schueller</p> <hr/> <p>MAILING ADDRESS (Number and Street or P.O. Box Number) 1911 Cumbre Drive</p> <hr/> <p>(CITY, STATE, and ZIP CODE) San Pedro, CA 90732</p>
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<p>3</p> <p>PAYEE ENTITY INFORMATION</p>	<p>CHECK ONE BOX ONLY</p> <p><input type="checkbox"/> LEGAL CORPORATION</p> <p><input type="checkbox"/> MEDICAL CORPORATION</p> <p><input type="checkbox"/> EXEMPT CORPORATION (Non-profit)</p> <p><input type="checkbox"/> ALL OTHER CORPORATIONS FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN) - </p>	<p>NOTE: State and local governmental entities, including school districts are not required to submit this form.</p> <p>NOTE: Payment will not be processed without an accompanying taxpayer I.D. number.</p>
	<p><input checked="" type="checkbox"/> INDIVIDUAL SOLE PROPRIETOR SOCIAL SECURITY NUMBER OWNER'S FULL NAME 6 1 2 - 4 2 - 4 2 2 9 Peter A Schueller</p>	

<p>4</p> <p>PAYEE RESIDENCY STATUS</p>	<p>CHECK APPROPRIATE BOX(ES)</p> <p><input checked="" type="checkbox"/> California Resident - Qualified to do business in CA or a permanent place of business in CA.</p> <p><input type="checkbox"/> Nonresident (See Page 2). Payments for services by nonresidents may be subject to state withholding.</p> <p><input type="checkbox"/> WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED</p> <p><input type="checkbox"/> SERVICES PERFORMED OUTSIDE OF CALIFORNIA</p>	<p>NOTE:</p> <p>a. An estate is a resident if decedent was a California resident at time of death.</p> <p>b. A trust is a resident if at least one trustee is a California resident.</p> <p>(See Page 2)</p>
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<p>5</p> <p>CERTIFYING SIGNATURE</p>	<p><i>I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you.</i></p>		
	<p>AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print) Peter Schueller</p>		<p>TITLE Independent Contractor</p>
	<p>SIGNATURE </p>	<p>DATE 4/6/09</p>	<p>TELEPHONE NUMBER 805-570-0567</p>

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

252

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

MAKE CHECK PAYABLE TO:

Name: Christopher Banta _____

Address 1: 1045 Calle Almendro _____

Address 2: _____

City, State Zip: Thousand Oaks, CA 91360 _____

Amount: \$ 175.00 _____

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 _____

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- must be explained |

*Accounting Use Only

**Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for ~~IRA~~ sponsored guest speaker for the Physics of music. See attached IRA proposal, offer letter. Vendor already in the system.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	785	90216			\$175.00
Total						\$175.00

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

Requestor: Mary Devins x3253
Printed Name & Extension

Signature

3/2/09
Date

Approver: ~~Dan Wakelee~~ Ashish Vaidya
Printed Name & Extension

Signature

3/3/09
Date

Approver:
(If required) Printed Name & Extension

Signature

Date

February 27, 2009

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 Monday, March 16th. 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 \$175 is offered.

Just like last year, the class meets in Aliso Hall room 133 from 4 to 5:50 PM, and I have scheduled your presentation/performance from 5 to 5:45 PM. 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 or in the courtyard across the street, which usually has room because students can't use it. 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**

252

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

MAKE CHECK PAYABLE TO:

Name: Steve Marsh _____

Address 1: 11569 Iowa Ave _____

Address 2: _____

City, State Zip: Los Angeles, CA 90025 _____

Amount: \$ 175.00 _____

PeopleSoft Vendor ID: _ 4369 _____

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)

Marsh Honorarium _____

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"/> IRA Activity |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License | <input type="checkbox"/> Other- must be explained |
| <input type="checkbox"/> Interpreting/Note taking | <input type="checkbox"/> Registration/Conference | |

*Accounting Use Only

**Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for ~~IRA~~ sponsored guest speaker for the Physics of music. See attached IRA proposal, offer letter. Vendor already in the system.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	785	90216			\$175.00
Total						\$175.00

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

Requestor: Mary Devins x3253
Printed Name & Extension

Signature

3/2/09
Date

Approver: ~~Dan Wakelee~~ Ashish Vadya
Printed Name & Extension

Signature

3/31/09
Date

Approver:
(If required) Printed Name & Extension

Signature

Date

February 27, 2009

Mr. Steve Marsh
11569 Iowa Ave
Los Angeles, CA 90025

Dear Steve,

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, April 8th. You will be discussing various horn and flute instruments. Please bring 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 \$175 is offered.

Like last year, the class meets in Aliso Hall room 133 from 4 to 5:50 PM, and I have scheduled your presentation/performance from 4 to 4:45 PM. 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 or in the courtyard across the street, which usually has room because students can't use it. 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

252

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

MAKE CHECK PAYABLE TO:

Name: Jeff Elliott

Address 1: 9832 Millwood Street

Address 2:

City, State Zip: Ventura, CA

Amount: \$ 175.00

PeopleSoft Vendor ID: 4832

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)
Elliott Honorarium

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"/> IRA Activity |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License | <input type="checkbox"/> Other- must be explained |
| <input type="checkbox"/> Interpreting/Note taking | <input type="checkbox"/> Registration/Conference | |

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

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for ~~IRA~~ sponsored guest speaker for the Physics of music. See attached IRA proposal, offer letter. Vendor already in the system.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	785	90216			\$175.00
Total						\$175.00

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

Requestor: Mary Devins x3253
Printed Name & Extension

Mary Devins
Signature

3/2/09
Date

Approver: ~~Dan Wakelee~~ Ashish Vaidya
Printed Name & Extension

Ashish Vaidya
Signature

3/3/09
Date

Approver:
(If required) Printed Name & Extension

Signature

Date

February 27, 2009

Jeff Elliott
9832 Millwood Street
Ventura, CA 93004

Dear Jeff,

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, April 1st. You will be discussing various horn instruments. Please bring 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 \$175 is offered.

Like last year, the class meets in Aliso Hall room 133 from 4 to 5:50 PM, and I have scheduled your presentation/performance from 4 to 4:45 PM. 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 or in the courtyard across the street, which usually has room because students can't use it. 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

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Instructional Related Activities Report Form

SPONSOR	DEPARTMENT
Jerry Clifford	Physics
ACTIVITY TITLE	DATE (S) OF ACTIVITY
Physics of Music	Spring semester 2008

PLEASE EXPLAIN (1) DESCRIPTION OF ACTIVITY; (2) HOW DID THE ACTIVITY RELATE TO A COURSE(S); AND (3) WHAT YOU LEARNED FROM THE PROCESS.

1. The IRA funds were used to bring professional musicians into the Physics Of Music class to perform and instruct on their instrument.

2. They showed the students how their particular instrument was constructed and how it produced a variety of musical sounds. Having knowledgeable musicians share their intimate understanding added immeasurably to the depth and breadth of the course.

3. I learned that having professional musicians present to the class was far better than inviting local amateur musicians. The professional musicians were far better qualified to explain their instruments, demonstrate the variety of sounds, and perform a range of music. The students all expressed strong support for the visiting musicians, as shown on the attached survey forms.

Two of the musicians tried too hard to be "academic" and present appropriate theory for a college-level course. These musicians both recognized the students' lack of attention. We discussed our different roles for the course; mine was the theory. I know both musicians would be excellent next time they appear in class.

I would like to have a team-taught course with a Ted Lucas-like musician there regularly to enhance and demonstrate the physics principles on the musical instruments. Until we get that, having professional musicians enhance the learning is invaluable. In fact, we probably will want to have some professional musicians even if we make the course team-taught.

**Please attach assessment forms from students, list of attendees, peoplesoft program report

E-mail to the Dean's Office
30 days after activity

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

He had a very good stage presence. Sort of a lounge musician.

Chris Banta on marimba

Yay. Loved the explanations of the work he did. Science very detailed

Jeff Elliott on trumpet

Missed it

Steve Marsh on saxophone and flute

Wonderful, professional

Ted Lucas on violin and piano

Yes, have him get all of a class? 2 hrs of violin music...

Julia Belen on voice.

missed it

Paul Murphy on guitar.

Very educational, excellent guitarist.

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

This dude was awesome, bring him back

Chris Banta on marimba

he was interesting, I think his instrument was great but his presentation was kind of dull

Jeff Elliott on trumpet

very entertaining, bring back

Steve Marsh on saxophone and flute

he was good, very cool

Ted Lucas on violin and piano

Very good and explained a lot, bring back

Julia Belen on voice.

good, entertaining and great presentation

Paul Murphy on guitar.

his class was good too

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

He was alright. Informative but different.

Chris Banta on marimba

Smart guy. Was a little scatter brain and had trouble passing the information.

Jeff Elliott on trumpet

Cool. That dude was the best. He was laid back & knew what he was talking about.

Steve Marsh on saxophone and flute

Missed this one

Ted Lucas on violin and piano

Informative

Julia Belen on voice.

different but somewhat informative

Paul Murphy on guitar.

That guy was cool.

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

He was very fun

Chris Banta on marimba

Had a great presentation

Jeff Elliott on trumpet

Jeff Elliot was a really good player
played alot = good

Steve Marsh on saxophone and flute

very good, fun genuine
played alot = good

Ted Lucas on violin and piano

very good
well knowledged

Julia Belen on voice.

find a different person for next years
presentation, she was alright, but you could
get someone more fitting for the job.

Paul Murphy on guitar.

same

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

Pretty cool.

Chris Banta on marimba

Less talk more Rock.

Jeff Elliott on trumpet

Great

Steve Marsh on saxophone and flute

Great

Ted Lucas on violin and piano

Decent

Julia Belen on voice.

Very good.

Paul Murphy on guitar.

Great

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

He was really fun and interesting, I love his piano teaching method.

YES

Chris Banta on marimba

Needed to play his instruments a bit more, but will probably be better next year

MAYBE

Jeff Elliott on trumpet

He was really badass and impressive

YES

Steve Marsh on saxophone and flute

Really fun! Loved the participation through clapping

YES

Ted Lucas on violin and piano

Taught us interesting things about the construction of the piano.

Yes

Julia Belen on voice.

She was really fun and I like the exercises she taught us.

Yes

Paul Murphy on guitar.

He is really fun and amazing on guitar. He's really cool and impressive

YES

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

yes, interesting
and engaging

Chris Banta on marimba

No, not enough music

Jeff Elliott on trumpet

yes, really good and
enjoyable to watch

Steve Marsh on saxophone and flute

yes, great talent

Ted Lucas on violin and piano

Maybe pretty boring

Julia Belen on voice.

No

Paul Murphy on guitar.

yes, very interesting
and friendly

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

I enjoyed this presentation a lot. It was interesting and entertaining and Larry Rice made it a lot of fun.

Chris Banta on marimba

Kind of boring, I didn't get much out of this one.

Jeff Elliott on trumpet

Very entertaining & fun.

Yes!

Steve Marsh on saxophone and flute

Yes

Ted Lucas on violin and piano

I don't remember...

Julia Belen on voice.

I liked this one.

Yes!

Paul Murphy on guitar.

I don't remember.

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

Very interesting, good to start off with a guest
who can teach the scale

Chris Banta on marimba

Awesome that he made instruments, so knew
everything about what makes

Jeff Elliott on trumpet

he was very helpful, great that he was
a professional in movies & what not.

Steve Marsh on saxophone and flute

got class into, very fun participation

Ted Lucas on violin and piano

violin was shocking. Super entertaining

Julia Belen on voice.

she was helpful, tried to help us sing, taught us
how

Paul Murphy on guitar.

helpful teacher know everything & he'd wanted to
know.

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

He was good
get him again

Chris Banta on marimba

bleh
no

Jeff Elliott on trumpet

good!
get him again

Steve Marsh on saxophone and flute

not great

Ted Lucas on violin and piano

good

Julia Belen on voice.

she was ok

Paul Murphy on guitar.

not great

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

Ricean ~~Scale~~ - Never forget that
system

Chris Banta on marimba

Wasn't here

Jeff Elliott on trumpet

Cocky, but amazing.

Steve Marsh on saxophone and flute

Very cool guy Highly recommend

Ted Lucas on violin and piano

Former provost... so yeah

Julia Belen on voice.

If she is warmed up

Paul Murphy on guitar.

Without a doubt, amazing

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

good.

Chris Banta on marimba

Very informed, yet ran too long. Should bring back

Jeff Elliott on trumpet

Absoutle blast!

Steve Marsh on saxophone and flute

good.

Ted Lucas on violin and piano

good.

Julia Belen on voice.

n/a

Paul Murphy on guitar.

awesome!

How did you like the guest musicians? ~~Can~~ ^{Can} conditional

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

No. I just had a weird feeling about the guy, plus "The Rice System"
felt like a con. He seemed... ~~con~~ salesman-esque

Chris Banta on marimba

Yes, with conditions. Heart was in right place, impressive work,
but far too technical for these purposes.

Jeff Elliott on trumpet

Yes. Very impressive & engaging.

Steve Marsh on saxophone and flute

Yes, same as above

Ted Lucas on violin and piano

Ditto & Ditto

Julia Belen on voice.

She was ok but I would suggest Dr. Kun-fen Liu instead.

Paul Murphy on guitar.

Absolutely, amazing guitarist & teacher

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

Great! A great speaker/presenter. Funny, very audience engaging

Chris Banta on marimba

Informative, but too much info, too technical; would have liked to see more musical demonstration.

Jeff Elliott on trumpet

Great!

Steve Marsh on saxophone and flute

Great!

Ted Lucas on violin and piano

Great!

Julia Belen on voice.

She was great. She really conveyed the mts in a interesting way

Paul Murphy on guitar.

Great!

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

Very interesting concept about scales that everyone can play. I think ~~he~~ he would be worth bringing back.

Chris Banta on marimba

A lot of international, not a lot of playing. If you could convince him to spend more time playing I think it would be worth bringing back.

Jeff Elliott on trumpet

Amazing, absolutely amazing. Bring him back.

Steve Marsh on saxophone and flute

By far the best performer in my eyes and ears. Bring this guy back.

Ted Lucas on violin and piano

Knows his stuff and he is local. Bring him back if you can.

Julia Belen on voice.

Same as Ted, very informative, and very local, get her.

Paul Murphy on guitar.

~~Yes~~ Yes, get him again. He knows his guitar and... again... local..

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

- His presentation was quite interesting and fun, but I had a difficult time relating what he was telling us to what we were learning in class.
- You should bring him back!

Chris Banta on marimba

- He obviously thought out and planned his presentation, but it needed more playing of the marimbas
- He should come back so long as he does more playing and less lecturing. Otherwise, an alternative would be better.

Jeff Elliott on trumpet

- Outstanding trumpet player who had a lot to offer about his instruments
- Definitely have him come back!

Steve Marsh on saxophone and flute

- He was my favorite of them all. Great musician who was engaging and informative
- He should perform next year

Ted Lucas on violin and piano

- He was very good! Great at providing technical detail
- Definitely have him back!

Julia Belen on voice.

- She was a quirky and interesting character who seemed to know a lot about the voice and had a lot of training.
- She is a hit or miss for me! I didn't get much from her.

Paul Murphy on guitar.

- AWESOME! A master of his instrument who is passionate about music.
- Bring him back!

How did you like the guest musicians?

Please write comments on each. Should we have him perform in class next year?

Larry Rice on keyboard and scales

excellent

bring back again for sure!

best experience of all of them.

Chris Banta on marimba

boring, I love marimbas and their sounds but I wish the demonstration was more on the sound it made rather than just more physics

consider a new marimba demonstrator for following years

Jeff Elliott on trumpet

Oh, little loud but loved it.

bring back

Steve Marsh on saxophone and flute

Love the saxophone my girlfriend plays the sax I have a great passion for it. I used to play the flute. Very informative

Bring back!

Ted Lucas on violin and piano

N/A

piano was excellent

bring back.

Julia Belen on voice.

less emphasis on opera voice & more traditional, room/shower/car singing maybe.

bring back if spend less time

Paul Murphy on guitar.

great job! very informative. Had a time restraint last time but does well with the time we had

bring back.

it would have liked to see a drummer.
that was kind of a let down.