



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

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

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: CSUCI Programming Guru Contest**

Project Sponsor/Staff (Name/Phone): **Prof. AJ Bieszczad, x2773**

Activity/Event Date(s): **October 2009**

Date Funding Needed By: **June 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:**

- |   |   |
|---|---|
| <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"/> Risk Management Consultation   |
| <input type="checkbox"/> International Travel   | <input type="checkbox"/> Late Submission (Passed Deadlines: <b>Fall 3/15, Spring 10/15</b> )  |
| <input type="checkbox"/> Space/OPC Requirements |   |
| <input type="checkbox"/> Infrastructure/Remodel |   |
| <b>x Other Programming Contest</b>              |   |

Previously Funded: ☐ YES **x NO** Yes, Request # \_\_\_\_\_

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

Assessment submitted for previously Funded Activity: **x YES** ☐ NO

Academic Program or Center Name and Budget Code: **770-COMPUTER SCIENCE**

Date of Submission: **MARCH 13th, 2009**

Amount Requested: **\$ 3800.00**  
 (Should match item 2. E. on page 4)

Estimated Number of Students Participating: **30**

**Application**  
**Instructionally Related Activities Funds Request**  
**2009-2010 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.

## 2009-2010 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 students will compete in a local, CSUCI, programming competition for the title of CSUCI Programming Guru. The event will have two stages: preliminaries and the final. The best programmers from online preliminaries will compete in finals that will be hosted in a classroom, but refereed by an automatic judge.

This is the fourth time the event is organized. It was very successful in the past and the title gained respect in the student community. There are pictures from the contest and a plaque with the picture of the reigning Guru along with the names of past winners exhibited by the Computer Science labs. It has a high motivational value.

Programming is not the only one, but still the most important skill of a computer scientist. The students are very often overwhelmed with theoretical aspects of their studies and do not spend enough time on practicing their programming skills. The only way to become a good programmer is to program a lot in a repetitive environment, and that is not suitable for regular class work. The proposed program is a vehicle designed to help students become proficient programmers. They will learn to solve problems better and faster, to design better algorithms that apply the theoretical knowledge acquired in regular courses, to improve their programming skills, and to learn to work under conditions of the real world: competition and time pressure.

Two of the most critical programming courses at CSUCI, COMP105 (Introduction to Programming) and COMP150 (Object-Oriented Programming) are General Education courses with traditionally a large population of non-CS major students. There are also many non-CS students who take higher level programming courses; some of them within the framework of the Minor in Game Design and Development and Minor in Computer Science. All CSUCI students will be encouraged to participate. The CS program will ask all CS instructors to promote the contest in their classes.

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.

Programming is a fundamental skill in many areas of science and art, so elements of programming are taught not only in virtually all Computer Science courses, but also in some Math, Art and Physics courses such as:

MATH137 Strategies and game design  
MATH 337 Mathematics for game development  
ART 206 Animation  
ART 315 Animation media and techniques  
ART 326 Digital media art: 3D computer animation

PHYS 345 Digital Image Processing  
PHYS 445 Image Analysis and Pattern Recognition

In the contest, students will exercise their programming skills in a holistic context that is not tied to one particular aspect of programming, but rather forces the student to integrate the knowledge and skills acquired in numerous classes. Through this activity, the students will become better programmers. That will help them with working through subsequent courses and with finding attractive employment.

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.**

Students performance will be analyzed and used in adjusting the syllabi of courses with programming components. The results will be archived and used in annual assessment of the effectiveness of Computer Science courses in equipping students with skills that allow them to become successful computer programmers.

The internal contest will also help our teams to compete in the ACM International Collegiate Programming Contest, an event sponsored by IBM and Google that involves over 1800 universities from around the world sending over 6000 teams to regional, and then world programming championships. Participation in the contest is a certificate of a quality program that is not afraid of standing up to others in this once-a-year event.

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

The contest is managed through an automatic judge that is a free software implemented at CSU Sacramento, however it requires a time consuming setup. This work is tedious but can easily be done by Computer Science students that would be contracted for the work.

The most consuming part of the event is preparation of programming challenges. We need 10 such challenges, and each requires a good solution along with a template that is used by automated judge. Automated judge just follows what it is told, and the syntax is very strict for that. Preparing a single challenge requires on average 8 hours of time, so we need funding for approximately 80 hours of consultant time. Since the most able students will participate in the contest, they cannot be involved in preparing the contest. Therefore, the rate has to match the market value for such services.

To motivate student participation (and working on the skills) we have been awarding the title of the CSUCI Programming Guru to the winner of the annual contest. To extend the motivation, we would like to award the forerunners titles of CSUCI Programming Ninjas. Along with the prizes for the winners, we would like to give T-shirts with corresponding titles to all participants.

The finals will be followed by an award ceremony to celebrate the accomplishments.

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

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

Project Sponsor *AJ BIESZCZAK*  
*Kelly Ruml*

Program Chair/Director  
*[Signature]*

Dean  
*Alan Vonder*

Date 3/13/09

3/16/09

## ACTIVITY BUDGET FOR 2009-2010

A. Supplies	\$ 250.00
B. Vendor Printing	
C. InState Travel	
D. OutofState Travel	
E. Equipment Rental	
F. Equipment Purchase	
G. Contracts/Independent Contractors	

\$ 300.00 (setup) + \$ 2400.00 (preparation of programming challenges)

H. Honorarium \_\_\_\_\_

I. OPC Chargeback \_\_\_\_\_

J. Copier Chargeback \_\_\_\_\_

K. Other (Please Specify) \$ 600.00 (prizes) + \$ 250.00 (T-shirts)

TOTAL Expenses \$ 3800.00

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 \_\_\_\_\_

## EMPLOYEE REQUISITION/PERSONNEL ACTION REQUEST FORM

Please follow the Requisition Guidelines for assistance. Incomplete Requisitions will be returned to Preparer.

<b>PART I: EMPLOYEE INFORMATION</b>			
Date: 10/14/09	Department Name/Program: Academic Affairs, Computer Science	Preparers Name: Nitzia Castaniero	Extension: 8815
Employee/Student ID#: 000143495		Staff/Student: <input type="checkbox"/> Staff <input type="checkbox"/> MPP <input checked="" type="checkbox"/> Special Consultant <input type="checkbox"/> Student Assistant <input type="checkbox"/> FWS Student Assistant <input type="checkbox"/> Emergency Hire (See Guidelines) <input type="checkbox"/> Other Please Specify:	
Employee's Name: (Last, First, Middle Initial- **As it reads on Social Security card**) Leave blank for Recruitment: Bieszczad, Anna T		Faculty: <input type="checkbox"/> Full Time Tenure Track <input checked="" type="checkbox"/> Full Time Lecturer <input type="checkbox"/> Part Time Lecturer Sabbatical Eligibility Date: _____ Difference In Pay Eligibility Date: _____ Month Year Month Year	
<b>PART II: ACTION REQUESTED - (Select ALL that apply) See Guidelines for definitions</b>			
<input type="checkbox"/> Appointment - No Ending Date <input checked="" type="checkbox"/> Temporary Appointment - with Ending Date <input type="checkbox"/> Emergency Appointment (See Emergency Hire Guidelines) <input type="checkbox"/> Additional/Concurrent Assignment <input type="checkbox"/> Reassignment (including Pay Plan Change) <input type="checkbox"/> Change from Temporary to Probationary/Permanent <input type="checkbox"/> Credit temp full-time service to probationary period # mos <input type="checkbox"/> Time Base Change: _____ Permanent _____ Temporary <input type="checkbox"/> Salary Rate Change		<input type="checkbox"/> Promotion <input type="checkbox"/> Reclassification Status in new classification: <input type="checkbox"/> Permanent <input type="checkbox"/> Probationary <input type="checkbox"/> Early Reinstatement from Full/Partial Leave <input type="checkbox"/> Retired Annuitant Appointment (Limited to 960 hours per Fiscal year) <input type="checkbox"/> Demotion <input type="checkbox"/> Working Title Change <input type="checkbox"/> Supervisor Change <input type="checkbox"/> Stipend for UNIT: <input type="checkbox"/> Funding Source Change <input type="checkbox"/> Sabbatical Leave <input type="checkbox"/> Difference in Pay Leave Fall Spring	
Effective Date of Action: 10/15/09	Ending Date (if temporary): 10/30/09	Supervisor's Name/Title William Wolfe, Chair Computer Science	Extension 8985
Explanation of Action: <input type="checkbox"/> Revised Requisition		**Special Consultants Only -- NTE \$ Amount/ Total # of Days NTE \$2400.00 / 12 days	
<b>PART III: POSITION/ASSIGNMENT INFORMATION</b> * Click here to reference the CSU Salary Schedule			
<b>FROM</b> Current Assignment - Complete all Blocks (For: Current Employee - Non-Recruitment Actions)		<b>TO</b> Proposed Assignment - Complete all Blocks (For: All Recruitment & Non-Recruitment Actions)	
Funding Source 1: 601801 - TK910 - 770 - 90204	% Split: 100	Funding Source 1:	% Split:
Funding Source 2:	% Split:	Funding Source 2:	% Split:
Funding Source 3:	% Split:	Funding Source 3:	% Split:
Division/Department/Program		Division/Department/Program	
*Classification Level (CSU Title)	*Skill Level (if applicable)	*Classification Level (CSU Title)	*Skill Level (if applicable)
Working Title (if applicable) Special Consultant		Working Title (if applicable)	
*Class Code/Range or Grade (#### / #) 4660	*Classification Salary Range	*Class Code/Range or Grade (#### / #)	*Classification Salary Range
FTE/Time Base/Semester Fraction	Pay Plan (Months Off for 10/12 & 11/12 Plans) <input type="checkbox"/> AY <input type="checkbox"/> 10/12 ( ) & ( ) <input type="checkbox"/> 11/12 ( )	FTE/Time Base/Semester Fraction	Pay Period(s) Off (10/12 & 11/12 Plans) <input type="checkbox"/> AY <input type="checkbox"/> 10/12 ( ) & ( ) <input type="checkbox"/> 11/12 ( )
FT Monthly Salary Rate \$	Actual Salary Rate \$ 200.00 <input type="checkbox"/> Mo <input type="checkbox"/> Hr <input checked="" type="checkbox"/> Daily	FT Monthly Salary Rate \$	Actual Salary Rate \$ <input type="checkbox"/> Mo <input type="checkbox"/> Hr <input type="checkbox"/> Daily
Stipend Amt \$		Stipend Amt \$	
<b>PART IV: SIGNATURES/APPROVALS</b>			
Name of Supervisor/Title: PRINT William Wolfe, Chair- Computer Science		Signature:	Date: 10/15/09 EXT: 8985
Name of Department/Division Director: PRINT Ashish Vaidya/Maria Tauber		Signature:	Date: 10/21/09 EXT:
Name of Department Budget Officer: PRINT		Signature:	Date: 10/21/09 EXT:
Name of Financial Aid Representative (required on FWS)		Signature:	Date: EXT:
Name of President/Designee: PRINT		Signature:	Date: EXT:
<b>PART V: BUDGET USE ONLY</b> UNIT #:			
Apprvd PeopleSoft Position#:	Budget Officer (Signature):	Date:	Comments:
<b>PART VI: HR USE ONLY</b> REQUISITION #:			
Reimbursed Moving Expenses (if applicable) Maximum amount authorized - \$	AD \$\$ Y N	Unit 8 POST Cert(s) (level):	Transfer of Credits from another State Agency: Vacation: Data Transfer Form Received <input type="checkbox"/> Rep Initials of HR
Probationary Period Type ly N Begin: End:		Permanency Date Eligible:	MPP Job Cd: Documented by: Initials Date

**Request for Consulting Services Form**  
Academic Affairs  
CSU Channel Islands

**Name and Address of Consultant:**

Anna Bieszcza  
373 Anacapa Island Drive  
Camarillo, CA 93012

**Employee ID #:** 000143495

**Telephone and Email:** 437-3236 anna.bieszcza@csuci.edu

**Brief Statement of Scope of Work:**

Prepare problem sets for Programming GURU Contest, configuration of the system for automated judging of the contest, administration of the contest, liaison with Community Colleges, who are participating in the contest in 2009, and overall management of the event logistics.

**Relevant Skills and Academic Background of Consultant:**

Anna has been a professional programmer, people manager, and for several years now an educator specializing in teaching programming skills.

**Product or Deliverables of the Employment:**

Problem sets, problem solutions, inputs and outputs for program verification, contestant lists, configuration files for the contest system (PC-square from CSU Sacramento), contest advertising material, awards (diplomas).

**Consulting Period:**

10/15/2009

**Start and Completion Dates:**


10/30/2009

**Recommended Amount or Compensation:** (PLEASE NOTE: Amount must be reflected as a "daily" and NOT hourly amount.)

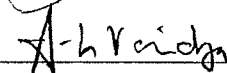
\$ 200.00

~~\$215.00~~ day/ not to exceed \$2400.00

**Recommended By:**

 10/15/09

**Approved By:**

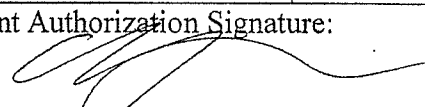
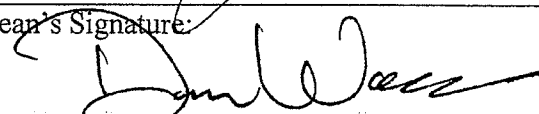
 10/26/09



**Request for Special Consultant Pay**  
**Academic Affairs**  
**CSU Channel Islands**

Department/Program: Computer Science	Request Date: 11/3/2009
Consultant Name: Anna Bieszczad	EmplID or last 4 digits of SSN: 0000143495
Project Name/Brief Description: CSUCI GURU competition preparation	
Accounting String: 601801-TK910-770-90264	

Refer to the CSUCI Payroll Calendar for the appropriate pay period before completing the dates worked below.  
A separate Request for Pay form must be submitted for each pay period.

Pay Period: October 2009											
Dates Worked. Indicate each date worked individually:											
10/15/09	10/17/09	10/19/09	10/20/09	10/21/09	10/22/09	10/23/09	10/26/09	10/27/09	10/28/09	10/29/09	10/30/09
Daily Rate (\$): \$200.00			Number of Days Worked: 12			Total Amount (\$): \$2,400.00					
Department Authorization Signature: 								Authorization Date: 11/4/09			
Dean's Signature: 								Date: 4/5/09			

HR/Payroll Office Use Only	
PeopleSoft Position Number: _____	
PIMS Position Number: <u>265</u> - <u>Unit #</u> - <u>4660</u> - _____	PIMS Job Record # _____
Days Remaining: _____	Payroll Authorization _____
Dollar Amt Remaining: _____	Processed by _____
	Date Processed _____

# Anna Bieszczad

373 Anacapa Islands Drive  
City, ST ZIP Code  
Phone 405.555.0190 Fax 405.555.0191

**DATE:** November 3, 2009

**FOR:** *GURU* competition

**Bill To:**

California State University, Channel Islands  
Computer Science Department c/o IRA  
One University Drive  
Camarillo, CA 93012  
805-437-8815

DESCRIPTION	AMOUNT
Consulting Services Oct.15th	\$ 200.00
Consulting Services Oct.17th	200.00
Consulting Services Oct.19th	200.00
Consulting Services Oct.20th	200.00
Consulting Services Oct.21st	200.00
Consulting Services Oct.22nd	200.00
Consulting Services Oct. 23rd	200.00
Consulting Services Oct.26th	200.00
Consulting Services Oct.27th	200.00
Consulting Services Oct.28th	200.00
Consulting Services Oct.29th	200.00
Consulting Services Oct.30th	200.00
<b>TOTAL</b>	<b>\$ 2,400.00</b>

Shirley Craig

IRA -

GURU  
COMPETITION  
Supplies

000003 -

TK910 -

770-90264

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ITEM	QTY	PRICE	TOTAL
PORTFOL 2PKT LAMIN/SILVR 008965144	20	\$1.39	\$27.80T
PORTFOL 2PKT LAMIN/RED 008965150	20	\$1.39	\$27.80T
Sub Total			55.60
Tax			4.59
Total			\$60.19

Credit Card  
AMEX  
Acct# \*\*\*\*\*1007  
Auth# 361809  
60.19

Items Purchased: 40  
Items Returned: 0



Associate: Nathan

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Two Days Return Policy  
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5285 0591 002 2

10/28/09 1:33PM

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IRA -

GURU  
Competition  
T-shirts

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bookstore@csuci.edu

660003 -

TK910 -

770-9026A

ITEM	QTY	PRICE	TOTAL
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SST 2C FSN ARC/STR/WHITE/SM			
008966233	2	\$11.66	\$23.31T
Original Price:		\$12.95	
TX Customer Discount:			10.00%
School Staff-10%			

SST 2C FSN ARC/STR/SCARL/MED			
008966295	4	\$11.66	\$46.62T
Original Price:		\$12.95	
TX Customer Discount:			10.00%
School Staff-10%			

SST 1C SSN STRT/SCARL/LG/			
008331734	5	\$11.66	\$58.28T
Original Price:		\$12.95	
TX Customer Discount:			10.00%
School Staff-10%			

SST 2C FSN ARC/STR/BLACK/XL			
008966212	4	\$11.66	\$46.62T
Original Price:		\$12.95	
TX Customer Discount:			10.00%
School Staff-10%			

Sub Total	174.83
Tax	14.42

Total	\$189.25
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Credit Card  
AMEX  
Acct# \*\*\*\*\*1007  
Auth# 543665

Items Purchased: 15  
Items Returned: 0



Associate: Cyndi

Returns with original receipt  
Two Days Return Policy  
We Buy Your Books every Day!!!