CALIFORNIA STATE UNIVERSITY
CHANNEL ISLANDS

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

Application
Instructionally Related Activities Funds Request
2010-2011 Academic Year
DEADLINE: Fall and Academic Year 3/31/10
Spring TBD

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 2010**
Date Funding Needed By: **September 2010**
**Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2010 and for Spring Requests early January 2011.

Please check if any of the following apply to your IRA:
▫ Equipment Purchase ▫ Field Trip
▫ Event ▫ Participant data collection for public
▫ IT Requirements   dissemination, i.e. interviews/surveys that
▫ International Travel   result is a journal/poster session/newsletter
▫ Space/OPC Requirements ▫ Risk Management Consultation
▫ Infrastructure/Remodel ▫ Late Submission (Passed Deadlines: **Fall 3/15,**
x Other Programming Contest   **Spring 10/15)**

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 25th, 2010**

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

Estimated Number of Students Participating: **30**

<u>Instructionally Related Activities Funds Request</u>
<u>2009-2010 Academic Year</u>

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.

<u>Application</u>

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 fifth 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.

   As part of our outreach efforts, last year, we invited students from local community colleges to participate. In response, for the first time, we hosted several students from Moorpark College. We hope to extend that to students from Oxnard and Ventura CCs as well as to other local institutions of higher education.

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
MATH348 Analysis of algorithms
ART 206 Animation
ART312 Time-Based imaging and compositing
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 students cannot be involved in preparing the contest, 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.

The students commit to approximately 6 non-stop hours in the classroom, so we need to serve light refreshments.

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

   None.

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

<u>Signatures and Dates</u>

Project Sponsor   Date 3/30/10

Program Chair/Director   Date 3/30/10

Dean   4/7/10

ACTIVITY BUDGET FOR 2009-2010

1. Operating Expense Budget

   A. Supplies $ 250.00 _____

    B. Vendor Printing   _____

    C. InState Travel   _____

    D. OutofState Travel   _____

    E. Equipment Rental   _____

    F. Equipment Purchase   _____

    G. Contracts/Independent Contractors

         $ 600.00 (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 $ 4100.00

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   _____
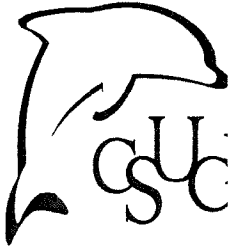
Instructionally Related Activities Funds (IRA)
2010-2011 Academic Year

Budget Request & Program Set-Up

Date: August 24, 2010

To: Accounting & Budget

From: Mary Devins
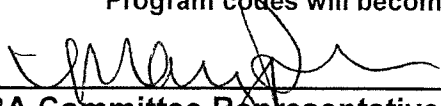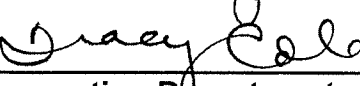
Subject: IRA Funding Transfer Request # 363

IRA Approved Campus contact: AJ Bieszczad
Faculty Support Coordinator: Mary Devins

Program Set-Up	
Name of Program (limit to 30 characters)	Programming Guru Contest

IRA Funding Source				
Account	**Fund**	**Dept**	**Program**	**Monetary Amount**
660003	TK910	770	90311	$1100

Fiscal Year for Budgeting and Spending:	2010/2011

*** Program codes will become inactive at the end of the Budgeted/Spending Fiscal Year ***

_____   8-24-2010

IRA Committee Representative   **Date**

_____   8/25/10

Accounting Department   **Date**

Attached: Applications for Approval Signed by University President or Representative Provost/Dean.
Please return copy of completed/signed form to Mary Devins, Academic Affairs.

Budget Office Use						
Program Set-Up:		**PS Finance Chartfield**		**Notification**		**Update PubChartfield**
Budget Set-Up:		**Budget Journal Entry**		**Journal Entry #**		**Completed Date**

IRA PROPOSAL 363
CI PROGRAMMING
GURU

660003- TK910-770-
90311

Paid for w/
N. Castaniero's
P. CARD

```
              THINGS REMEMBERED
              PACIFIC VIEW MALL
            #98 3301 EAST MAIN STREET
              VENTURA,CA 93003
                (805)477-1370
   TRNNBR: 199498      19:24   12/03/10
   EMPL: 98                    REGNO: 2
   CUST  : NITZIA CASTANIERO
   CUST #: 98042729
   *************** SALE ***************
   -------------------------------------

   T 00000602                    16.00
     CARRY-IN ENGRAV
   T 00611017                     3.00
     PREMIUM FONT

     Subtotal                    19.00
     Tax                          1.57
                             ------------
     Total                       20.57
   -------------------------------------
     Visa                        20.57
     ACCOUNT: XXXXXXXXXXXX0190
     Authorization: 006404
     # 9600

              Customer Copy



   ************************************
              CUSTOMER SURVEY
       EARN $5 ON YOUR NEXT VISIT!
   ************************************
    Please tell us about your experience &
   receive a $5 gift certificate.
      CALL, TOLL FREE: 866-236-8352.
      Enter the 3-digit Store #: 98
   ************************************

   Shop on-line @ www.thingsremembered.com
```

IRA Proposal #343

BUSINESS EXPENSE REIMBURSEMENT (BER)

Must be submitted within 30 days of the receipt date

Channel Islands
CALIFORNIA STATE UNIVERSITY

○ Employee　● **Student**

CLAIMANT'S NAME	RESIDENCE ADDRESS	CITY/STATE/ZIP CODE
James Strange	2051 Redman Ct.	Simi Valley, CA 93063

HEADQUARTERS ADDRESS	HEADQUARTERS CITY/STATE/ZIP	CLAIMANT'S PHONE NO.	DEPARTMENT	POSITION	DATE PREPARED
One University Drive	Camarillo, CA 93012	805-750-2566	Computer Science	Student	11/15/10

FORM PREPARED BY:	EXTENSION	DELIVERY OPTIONS
Nitzia Castaniero	8815	SELECT ONE: Mail Check ☐　Pickup Check ☑

BUSINESS EXPENSES ONLY

DATE	VENDOR	PURCHASE DESCRIPTION	WAS SALES TAX PAID?	BUSINESS EXPENSE	PRIVATE CAR USE MILES	PRIVATE CAR USE AMOUNT	TOTAL EXPENSES FOR DAY
10/23/10	Newegg.com	CI Computer Science Guru Programming supplies	Y	300.43		-	300.43
10/23/10	Newegg.com	CI Computer Science Guru Programming supplies	Y	134.63		-	134.63
						-	-
						-	-
						-	-
						-	-
						-	-
						-	-
						-	-
						-	-
						-	-
SUBTOTAL				$435.06	0.00	$0.00	$435.06

LESS AMOUNT PREVIOUSLY PAID BY CI		OTHER	
LESS ANY OTHER ADJUSTMENTS	Comments:		
		AMOUNT DUE TRAVELER	$435.06

Source of Funding: (Please verify chartfields before submitting to AP)

Account	Fund	Dept	Program	Class	Project	Amount
660003	TK910	770	90311			$435.06

PURPOSE OF BUSINESS EXPENSE, REMARKS, AND DETAILS: Attach original receipts to 8.5" X 11" paper and submit with claim (Please do **not** use acronyms)

	Total Amount $435.06

James Strange purchased items for the CI Computer Science Programming GURU contest using personal funds.

NORMAL WORK DAYS & HOURS

PRIVATE VEHICLE LICENSE

MILEAGE RATE CLAIMED　0.500　(If different see instructions)

I HEREBY CERTIFY that the above is a true statement of the business expenses I was authorized to incur in accordance with the applicable California State University policies and CI policies and that all items shown were for the official business of The California State University. If a privately owned vehicle was used, and if mileage rate exceeds the minimum rate, I certify that the cost of operating the vehicle was equal to or greater than the rate claimed, and that I have met the requirements as prescribed by SAM Sections 0750, 0751, 0753, and 0754 pertaining to vehicle safety and seat belt usage. Furthermore, I HEREBY CERTIFY that I will not seek reimbursement for a duplicate claim or from any other source.

CLAIMANT'S PRINTED NAME	CLAIMANT'S SIGNATURE	DATE
James Strange	*James Strange*	11/15/10
MANAGER'S PRINTED NAME	MANAGER'S SIGNATURE	DATE
Peter Smith		11/16/10
DIVISION APPROVAL PRINTED NAME (VP OR DESIGNEE)-if required	DIVISION APPROVAL SIGNATURE	DATE

Rev. (07/10) LC

From: Jim Strange [novocode@yahoo.com]
Sent: Wednesday, November 10, 2010 6:40 PM
To: Castaniero, Nitzia
Subject: Fw: Newegg.com - Order Confirmation

Let me know if there is any more information that you need.

Jim Strange

--- On **Sat, 10/23/10, Newegg** *<info@newegg.com>* wrote:

From: Newegg <info@newegg.com>
Subject: Newegg.com - Order Confirmation
To: novocode@yahoo.com
Date: Saturday, October 23, 2010, 5:19 PM

My Account | **Customer Services**

Twitter   You Tube   Facebook   Myspace

Customer ID: novocode@yahoo.com
Account Number: 20754969

Dear James M Strange,

Thank you for shopping at Newegg.com

We're delighted we had what you were looking for!

Your order should be processed and ready to be shipped within 24-48 hours. Below is your order confirmation. Please keep a copy for your records.

Please click here to check order status.

Order Summary:
Sales Order Number: 103134438
Sales Order Date: 10/23/2010 5:17:29 PM

Billing Information
James M Strange
2051 Redman Ct

805-750-2566

James Strange
2051 Redman Ct

Simi Valley, CA 93063
805-750-2566
UPS Ground

1 x **($124.37)** HP/HP ACC AUDIO-TECHNICA ATH-A700 R

$124.37

Payment Term: Paypal
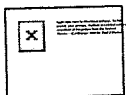**Extended Warranty:** $0.00
Subtotal: $124.37
Tax: $10.26
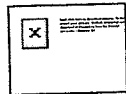**Shipping and Handling:** $0.00
Total Amount: $134.63

To view our Return Policies, please click here. Newegg.com reserves the right, in its sole discretion, to cancel the order at any time prior to shipment without liability.

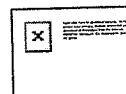**Recommendations For You:** (please note that we cannot guarantee price or availability)

~~$59.99~~
$34.99

Monster - iCarCharger 1000 for iPod / iPhone

~~$99.99~~
$89.99

Ion Audio - Discover DJ

$19.99

MONSTER StereoLink Car Designed for Zune Player MC123935

To view more recommendations, please click here.

If you have any questions, please use our LiveChat function or visit our Contact Us Page.

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2

Your Newegg.com Customer Service Team

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From:	Jim Strange [novocode@yahoo.com]
Sent:	Wednesday, November 10, 2010 6:40 PM
To:	Castaniero, Nitzia
Subject:	Fw: Newegg.com - Order Confirmation

Follow Up Flag:	Flag for follow up
Flag Status:	Flagged

Let me know if there is any more information that you need.

Jim Strange

--- On **Sat, 10/23/10, Newegg** *<info@newegg.com>* wrote:

From: Newegg <info@newegg.com>
Subject: Newegg.com - Order Confirmation
To: novocode@yahoo.com
Date: Saturday, October 23, 2010, 5:18 PM

My Account | **Customer Services**

Twitter   You Tube   Facebook   Myspace

Customer ID: novocode@yahoo.com
Account Number: 20754969

Dear James M Strange,

Thank you for shopping at Newegg.com

We're delighted we had what you were looking for!

Your order should be processed and ready to be shipped within 24-48 hours. Below is your order confirmation. Please keep a copy for your records.

Please click here to check order status.

Order Summary:
Sales Order Number: 103134418
Sales Order Date: 10/23/2010 5:17:29 PM

Billing Information

2051 Redman Ct

Simi Valley, CA 93063
805-750-2566

Shipping Information
James Strange
2051 Redman Ct

Simi Valley, CA 93063
805-750-2566
UPS 3 DAYS

1 x (**$119.99**) EXTHD 2T|WD WDBAAU0020HBK-NESN R $119.99

1 x (**$129.99**) MNTR ASUS|LCD 20" 5MS VE205T RT $129.99

1 x (**$16.00**) Electronic Waste Recycling Act15-34 $16.00

Payment Term: Paypal
Extended Warranty: $0.00
Subtotal: $265.98
Tax: $20.62
**Shipping and Handling:** $13.83
Total Amount: $300.43

To view our Return Policies, please click here. Newegg.com reserves the right, in its sole discretion, to cancel the order at any time prior to shipment without liability.

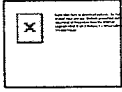**Recommendations For You:** (please note that we cannot guarantee price or availability)

$99.99
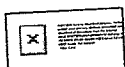
ASUS ENGTS250/DI/512MD3/WW GeForce GTS 250 512MB 256-bit GDDR3 PCI Express 2.0 x16 HDCP Ready SLI
Support Video Card
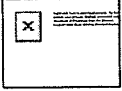
$29.99

Logitech K320 Black Wireless Standard Keyboard

~~$39.99~~
$31.99

Logitech M510 Black 5 Buttons 1 x Wheel USB RF Wireless Mouse

To view more recommendations, please click here.

If you have any questions, please use our LiveChat function or visit our Contact Us Page.

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IRA PROPOSAL #363   IRA-
Computer Science
CI GURU competition
T·Shirts

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Nitzia Castaneros
Pro·card

```
        THE COVE BOOKSTORE
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         Camarillo, CA 93012
             Thank You!
           (805) 482-5456
          www.csuci.bkstr.com
         bookstore@csuci.edu
==========================================
ITEM        QTY    PRICE      TOTAL
----        ---    -----      -----

SST ROLL 1C FSN/RED/MED
 001092980     1    $9.56      $9.56T
Original Price:    $11.95
 TX Customer Discount:        20.00%
 Department Discount-20%

SST ROLL 1C FSN/RED/2XL
 001092983     1    $9.56      $9.56T
Original Price:    $11.95
 TX Customer Discount:        20.00%
 Department Discount-20%

SST ROLL 1C FSN/RED/XL
 001092982     1    $9.56      $9.56T
Original Price:    $11.95
 TX Customer Discount:        20.00%
 Department Discount-20%

SST ROLL 1C FSN/CHARC/MED
 001092935     1    $9.56      $9.56T
Original Price:    $11.95
 TX Customer Discount:        20.00%
 Department Discount-20%

SST ROLL 1C FSN/CHARC/MED
 001092935     1    $9.56      $9.56T
Original Price:    $11.95
 TX Customer Discount:        20.00%
 Department Discount-20%

SST ROLL 1C FSN/CHARC/LG
 00105  SST ROLL 1C FSN/RED/LG  $9.56T
 Origi  001092981    1    $9.56
 TX C  Original Price:   $11.95  20.00%
 Depa   TX Customer Discount:
         Department Discount-20%

SST F
 001(  SST ROLL 1C FSN/RED/LG    $9.56T
 Orig  001092981    1    $9.56
 TX    Original Price:   $11.95  20.00%
 Dep    TX Customer Discount:
         Department Discount-20%

SST
 001   SST ROLL 1C FSN/RED/LG    $9.56T
 Orig  001092981    1    $9.56
 TX    Original Price:   $11.95  20.00%
 De     TX Customer Discount:
         Department Discount-20%

SST
 00    SST ROLL 1C FSN/CHARC/XL  $9.56T
 Ori   001092937    1    $9.56
 T)    Original Price:   $11.95  20.00%
 D      TX Customer Discount:
         Department Discount-20%

SS
 0     SST ROLL 1C FSN/RED/LG    $9.56T
 Or    001092981    1    $9.56
 T     Original Price:   $11.95  20.00%
 [      TX Customer Discount:
         Department Discount-20%

S!
 :     SST ROLL 1C FSN/RED/LG    $9.56T
 0     001092981    1    $9.56
       Original Price:   $11.95  20.00%
        TX Customer Discount:
         Department Discount-20%

        SST ROLL 1C FSN/RED/LG
```