

## Instructionally Related Activities Funds Request Spring 2017

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## IRA Funds Request for Attend Grace Hopper Celebration of Women in Computing Conference

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## Instructionally Related Activities Funds Request Summary

<b>Project Sponsor</b>	Anna Bieszczad
<b>Activity Title</b>	Attend Grace Hopper Celebration of Women in Computing Conference
<b>Activity/Event Date</b>	October 2017
<b>Date Funding Needed By</b>	April 2017
<b>Previously Funded?</b>	Yes
<b>Semester/Year</b>	Spring 2016
<b>Proposal #</b>	0729
<b>Report submitted for previously Funded Activity?</b>	No
<b>Report submitted for previously Funded Activity</b>	—
<b>Additional Report #1</b>	—
<b>Additional Report #2</b>	—
<b>Additional Report #3</b>	—
<b>Additional Proposers</b>	—
<b>Academic Program(s) / Center Name(s)</b>	Computer Science
<b>Estimated total Course Fee revenue</b>	N/A
<b>Amount Requested from IRA</b>	7260
<b>Estimated Number of Students Participating</b>	5
<b>Conditions and Considerations</b>	—
<b>Brief Activity Description</b>	<p>The Grace Hopper Celebration of Women in Computing (GHC) is the world's largest gathering of women technologists, the best minds in computing, that increases visibility for the contributions of women in computing. The three-day conference combines technical sessions with career sessions, and includes a poster session and a career fair. It is produced by the Anita Borg Institute and presented in partnership with ACM (Association of Computing Machinery) - the world's largest education and scientific computing society that delivers resources that advance computing as a science and profession. The conference has many sponsors that are recognized as leaders in technology and show commitment to increasing the impact of women in technology. Some of the sponsors in GHC2016 are Amazon, Apple, Google, Facebook, Microsoft, Cisco, CapitolOne, ebay, General Electric.</p> <p>CI has been sending two students to the conference every year for the past four years. The attending students have applied for and received from the sponsors full scholarships to attend the conference. The conference results in collaborative proposals, networking and mentoring for attendees. Conference presenters are leaders in their respective fields, representing industry, academia and government. The conference also offers professional development through variety of activities, on site interviews for internships and full-time opportunities after graduation.</p> <p>Our students come back inspired and ready for the challenge that the tech industry presents: "It was incredibly inspiring to have these strong, successful women talking about how they overcame the challenges we all face. I think every woman in CS should go to GHC at least once in their lifetime"; and another quote: "Because of GHC I intend to help my female colleagues step into the limelight more!".</p> <p>The attendance jumped from 4,500 in 2013 to over 15,000 in 2016, with attendees from over 65 countries. Only less than 10% of students will be able to attend GHC because of scholarships. Several CI students have applied this year but only two of them received the scholarships as there is a limit of two scholarships per school imposed. The preference is given to first-time attendees and first-time colleges, hence my application for financial help. Thanks to IRA Spring 16 funding we are able to send additional 5 students to the conference this October.</p> <p>We will again have our students apply for full scholarships to attend the conference in October 2017, but we may not be able to send any without the financial support.</p>
<b>Learning Outcomes and Relation to IRA to Course Offerings</b>	<p>I work with students at the beginning of their carriers at CI. I teach a number of programming Courses: "Introduction to Programming", "Introduction to Object Oriented Programming", and "Algorithms and Data Structures".</p> <p>Thirteen years ago, when I came to my first class I was shocked to discover how very few female students were taking my classes. Some classes would have all male students only. Since then I have been on a mission to attract more female students to CS/IT majors, and to help them stay with the major.</p> <p>For several years we've been sending students to conferences like GHC, or Richard Tapia. We started to build a momentum. Three years ago, for the first time, a female student was selected to be the president of the CS Club, last year for the first time a female student won our programming competition. The energy and enthusiasm is very high. Our "CI Computer Girls" club has almost 50 members! We actively participate in local TechFest and Science Carnival that are geared towards attracting kids into STEM fields, we have local companies come and present.</p> <p>We are seeking financial support in hope to increase the number of CS female students to at least 30%. CI being a Hispanic Serving Institution has many students with hardship stories. We want all young ladies to be role models and inspiration for others, to believe that they can be outstanding students, have plans to attend grad schools, getting internships in high tech companies, and being exemplary citizens.</p>
<b>Description of Assessment Process</b>	All participants will complete a survey about the value and the impact of the event measured by the perceived degree of meeting the outcomes. All ideas will be recorded and assessed for further possible implementation.

Activity Budget	GHC2017_IRA.xlsx
CIA Budget	—
CIA Proposal	—
Course Syllabus	—
CIA Certification	—
Other Sources of Funding	None
Target Audience/Student Marketing	Students from CS/IT majors. Female and male students can apply. As we did in the past, in January 2017 students will be notified about the event (via email and posters) and will be encouraged to apply for full scholarship from GHC2017 sponsors to attend the conference. Interested/selected students will have to register by June 2017 as the conference sold out in 45 minutes this year.
Bring Benefit to Campus	Attendees will share their experience as invited speakers during "CI Computer Girls" club meetings. These events will be open to everybody.
Sustainability	N/A
Program Chair/Director	michael.soltys
Dean	james.meriwether
Acknowledgement	I acknowledge that I have reviewed and accepted the Conditions and Considerations herein. Please check off boxes as appropriate.

**Program Chair/Director Review**

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	Michael Soltys
Date/Time	9/28/2016 10:28:33 AM
Validation	myCI-signin-2J-0023
Comments	I recommend this very strongly - it is crucial to our mission in CS@CI to attract more women to Computer Science.

**Dean Review**

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	James Meriwether
Date/Time	9/28/2016 1:29:35 PM
Validation	myCI-signin-YK-6020
Comments	—

**IRA Committee Decision**

Decision	—
Comments	—

**Current Tasks**

Task	Time Assigned	Assigned To
IRA Committee Decision	9/28/2016 1:29:35 PM	<a href="#">David Daniels</a>

**Completed Tasks**

Task	Time Assigned	Time Completed	Completed By
Review from james.meriwether, Dean	9/28/2016 10:28:33 AM	9/28/2016 1:29:35 PM	<a href="#">James Meriwether</a>
Review from michael.soltys, Program Chair/Director	9/25/2016 2:37:31 PM	9/28/2016 10:28:33 AM	<a href="#">Mchael Soltys</a>
Fill out Request	9/25/2016 12:17:19 PM	9/25/2016 2:37:31 PM	<a href="#">Anna Bieszcza</a>

**Actions**

- [IRA Committee Decision](#)
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