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Welcome to the 2015 Grace Hopper Celebration of Women in Computing.

This year’s conference is noteworthy for a number of reasons — not only are we hosting the most attendees in GHC history (12,000!), but we’re also delivering a clear and powerful message: our time to lead is right now. This year, we shed light on all the remarkable contributions made by women technologists, while highlighting the work that remains to create inclusive organizational cultures that welcome women. Our speakers are extraordinary role models, and the engaging conference sessions showcase the tremendous talent and leadership demonstrated by women technologists at the world’s top organizations. It is more than fitting that the theme for this year’s Grace Hopper Celebration embodies this compelling message as well. There are so many women spearheading and researching important new technologies, and by celebrating their achievements, we inspire future generations of women pursuing careers in computing. This gathering of brilliant, accomplished women — all the speakers, conference organizers, volunteers and attendees — is clear evidence that today is a pivotal moment for women in technology. We’re thrilled to welcome everyone attending this year’s Grace Hopper Celebration — women and men. Let’s seize this moment, join in community, and show the world that now is truly #OurTimeToLead.

Co-Founder, Grace Hopper Celebration President and CEO, Anita Borg Institute

Computing professionals like you are driving innovations and transforming technology across continents. As a proud partner of the Grace Hopper Celebration of Women in Computing, ACM demonstrates its commitment to women who want to join and build computing communities that advance our society and well-being. GHC is the world’s largest technical conference for women in computing, bringing together women technologists for the past 13 years to discuss research and career interests. The growth of GHC is truly staggering, with 12,000 registrants projected to attend this year, and proving, as this year’s theme states, it’s #OurTimeToLead. You’ll encounter many other accomplished women technologists from all over the globe in technical presentations on a variety of topics that are leading innovation today, areas where women are making real and critical impact. I hope you also find inspiration from the many organizational transformation programs, leadership workshops and professional development sessions. We welcome those who have traveled from both near and far to join this celebration and to share, learn, and inspire each other.

Christine Alvarado

Christine Alvarado is a lecturer at the Jacobs School of Engineering at University of California, San Diego. As one of the co-chairs for this year’s Grace Hopper Celebration, Christine provides guidance in terms of shaping the overall program material as well as selecting track chairs and speakers for each daily session. As a former tenured associate professor at Harvey Mudd College, Christine brings a wealth of experience in developing new computer science curriculums and programs designed to appeal to a broader range of students, particularly women. At Harvey Mudd, Christine co-designed the CS for Scientists program, which incorporated different programming languages (besides Java), hardware development classes and CS theory and efficiency courses. CS for Scientists was also designed to tie into other scientific disciplines such as biology, mathematics, game theory and artificial intelligence, with fun assignments that demonstrate the broad, practical applications of obtaining a CS degree.

“Previous years, the themes have been forward thinking and focused on the vision or future for women in tech. The idea this year was that the time is here, it’s happening now and we just need to do it. We’ve had enough planning, enough programs and now is the time to take action.”

Lilia Abaibourova

Lilia Abaibourova, general co-chair for the Grace Hopper Celebration, is a senior staff engineer at HBO. Previously, Lilia spent seven years at Microsoft, where she became an early champion for women technologists by starting a small women’s lunch group and later, the Women of Office support group which hosted career-oriented events and talks for women engineers. She first attended GHC in 2006, where she was exposed to the full picture of women in computing today. “I thought, maybe it’s not fine the way it is,” she says. “Maybe there is something more that we can do.”

As general co-chair for GHC, Lilia has helped drive a significant structural change to this year’s conference. Her experience leading women’s groups at an industry giant like Microsoft as well as her background as a computer scientist in Russia has helped Lilia shape this year’s GHC program content to appeal to the conference’s broadest range of attendees yet. Lilia emphasizes the need for companies to have strategies in place, particularly during the hiring process, to grow the number of women in technical roles.

“It needs to be more obvious for organizations to genuinely recognize the problem, and they need resources to tackle the issue,” says Lilia. “Hiring managers need to be educated on the lack of women in tech, and then they need concrete ways of changing their practices.”

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2015 Grace Hopper Celebration of Women in Computing
#OurTimeToLead

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Co-Chair: Nancy Amato, Texas A&M UniversityCo-Chair: Suzanne Matthews, United States Military Academy at West PointCo-Chair: Jennifer Walter, Vassar College

More information:
http://anitaborg.org/awards-grants/ghc-scholarship-grants/

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Chair: Reza Ghossius, University of Maryland, College Park
Chair: Mary Lou Jepsen, Oculus
Chair: Ramalatha Marimuthu, Kumaraguru College of Technology
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Evelyn Namara, Gray Matters Capital
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Angela Tucci, CMO, Rally Software
Marie Wieck, GM, Middleware, IBM
Telle Whitney, President and CEO, Anita Borg Institute

CORPORATE COUNSEL
Allison Spinner, Wilians Sonsin Goodrich and Rosati
To accommodate the expanded programming at GHC 2015, we are introducing Clusters.

Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find the Clusters you’re interested in.
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GENERAL CONFERENCE INFORMATION

Career Fair Booths
- Halls A–C (Level One, George R. Brown Convention Center)
  - Wednesday: 5:30 p.m. – 10 p.m.
  - Thursday: 10 a.m. – 5:30 p.m.
  - Friday: 10 a.m. – 2:30 p.m.

Childcare and Nursing Mothers Room
SPONSORED BY PURESTORAGE
- GHC Child Care is located at the Hilton Americas Houston, 1600 Lamar St., across the street from the George R. Brown Convention Center (GRBCC).
  - 0–3 years (Room 329)
  - 4–7 years (Room 328)
  - 8–12 years (Room 327)
- Child Care Meal Room (Room 330)
- Nursing Mothers (Room 330D)
- Another Nursing Mothers Room is available at the GRBCC in Room 380D.
- Childcare and Nursing Mothers Room available free of charge to all conference attendees.
- Advance registration is required for childcare.
  - Wednesday: 7 a.m. – 10:30 p.m.
  - Thursday: 7 a.m. – 11:30 p.m.
  - Friday: 7 a.m. – 12:30 a.m. (Saturday)

Coat & Luggage Check
- Level One Concourse, GRBCC in front of Hall D
  - A coat check is provided for the convenience of conference attendees. Items cost $2/day to check and must be collected by closing time each day. We are not liable for any loss or damage.
  - Wednesday: 6:30 a.m. – 10:30 p.m.
  - Thursday: 6:30 a.m. – 11:30 p.m.
  - Friday: 6:30 a.m. – 12:30 a.m. (Saturday)

Conference Information
- Three Locations in GRBCC: Level One Concourse near GHC Registration, Level Two near Visitors Center, and Level Three in meeting room pre-function space
  - Two Locations in Hilton Americas: Level Two in main pre-function space near sky bridge, Level Three in main pre-function space near sky bridge

Cyber Center
- 2 Locations in Halls A–C (Level One Concourse, GRBCC)
- Computers are available for use by conference attendees at no cost.
  - Wednesday: 5:30 p.m. – 10 p.m.
  - Thursday: 10 a.m. – 5:30 p.m.
  - Friday: 10 a.m. – 2:30 p.m.

First Aid Room
- 2 Locations at GRBCC: Room 352D (Level Three) and outside of Hall A (Level One)
- 1 Location at Hilton Americas: Room 332

Interview Booths
- Halls A–C (Level One, GRBCC)
  - Wednesday: 5:30 p.m. – 10 p.m.
  - Thursday: 10 a.m. – 5:30 p.m.
  - Friday: 10 a.m. – 2:30 p.m.

Registration
- Level One Concourse (GRBCC)
  - Additional self-service registration kiosks will be available on Level Two of the GRBCC near FedEx, and in the Hilton Americas lobby near hotel front desk.
  - Hilton Americas kiosks available Tuesday and Wednesday only.
  - (Hilton Americas kiosks available Tuesday and Wednesday only.)

Speaker Ready Room
- GRBCC Location: Room 330 (Level Three)
- Hilton Americas Location: Room 430 (Level Four)
  - IMPORTANT: A representative from each session must check in at the Speaker Ready Room, no less than four hours before their presentation.
  - Wednesday: 7 a.m. – 4:30 p.m.
  - Thursday: 7 a.m. – 6:30 p.m.
  - Friday: 7 a.m. – 6:30 p.m.

Complimentary Shuttle Service
SPONSORED BY AMERICAN EXPRESS
- Drop-Off Location: Polk Street (bordering GRBCC near Hall E)
- Drop-Off Location: Hilton Americas East Lobby (across the street from GRBCC and connected by sky bridge)
- Transit Center (catty-corner to GRBCC and connected by sky bridge)
- GHC provides complimentary shuttle service from selected hotels to the George R. Brown Convention Center. Please check the GHC website or mobile app for complete and up-to-date shuttle information.
  - Wednesday: 6:30 a.m. – 10:30 p.m.
  - Thursday: 6:30 a.m. – 11:30 p.m.
  - Friday: 6:30 a.m. – 1 a.m. (Saturday)

Wireless Internet
SPONSORED BY ERICSSON
- All George R. Brown Convention Center spaces; Levels Two, Three and Four at Hilton Americas
- Free wireless internet is available for all attendees throughout the conference.
  - GRBCC SSID: GHC-GRBCC-Ericsson
  - Hilton Americas SSID: GHC-Hilton-Ericsson

Find out how at our Top Companies session, “The Power in Numbers,” Friday at 2:30.*

Top Companies for Women Technologists recognizes companies that create workplaces where women technologists can thrive.
Look for companies with these badges:
This year’s Grace Hopper Celebration is all about seizing this moment as #OurTimeToLead. GHC 2015 kicks off with a day of sessions aimed at empowering and inspiring women technologists to become the next leaders in their fields.

**GET INSPIRED**

8:30 a.m. – 10:00 a.m.
Start off your morning with a healthy dose of inspiration from keynote speaker Hilary Mason, Founder of Fast Forward Labs and Data Scientist in Residence at Accel Ventures.
Also join us in celebrating Lydia E. Kavraki, winner of the Technical Leadership ABIE Award. Lydia is the Noah Harding Professor of Computer Science and Professor of Bioengineering at Rice University.

**GAIN EXPERTISE**

10:30 a.m. – 12:30 p.m.
Register for our three leadership workshops where you can learn how to build your brand as an emerging leader or technical expert, how to communicate for impact and influence, and how to showcase your work by giving your first lightning talk.

Many Sessions
Grad students, early professionals and mid-career/senior academics can’t miss CRA-W’s sessions covering topics like building self confidence, finding a research topic, the tenure process and becoming an effective leader.

#CRAWOMEN

6:30 a.m. – 9:00 p.m.

Get a glimpse of what the next generation of tech innovators is developing at one of the largest technical poster sessions in the country. Also featured is the ACM Research Competition, which wraps up on Friday.

**GET CONNECTED**

5:30 p.m. – 10:00 p.m.
Don’t miss the launch of the industry’s largest Career Fair for women in computing, as well as GHC’s first ever Community Fair, where you can interact with our communities and alliance partners. The Community Fair will feature a Speakers Corner and Town Hall, where you can meet and hear more from GHC speakers and guests. Also be sure to stop by the ABI Booth, where you can learn more about the Anita Borg Institute and how to stay connected and get involved beyond GHC.

To accommodate the expanded programming that we’re offering at GHC 2015, we are introducing Clusters. Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find Clusters.

**CAREER**
**COMMUNITY**
**FACULTY**
**EMERGING TECH/BEST OF**
**BEST OF INTERNET OF THINGS/EMERGING TECH**
**GENERAL SESSIONS**
**BREAKS**
**GENERAL SESSIONS**
**LUNCHEMS**
**POSTERS**
**SPECIAL SESSIONS**
**OPEN SOURCE**
**OPEN SOURCE**
**ORGANIZATIONAL TRANSFORMATION**
**ORGANIZATIONAL TRANSFORMATION**
**PRODUCTIZATION**
**PRODUCTIZATION**
**TECHNOLOGY**
**ARTIFICIAL INTELLIGENCE**
**DATA SCIENCE**
**DEV**
**HIT**
**SECURITY/PRIVACY**
**SOFTWARE ENGINEERING**
SPEAKERS AND HONOREES  
**DAY I: WEDNESDAY**

**8:30 a.m. – 10:00 a.m.**
- **Halls D-E Level One GRBCC**

**Hilary Mason**  
*Founder of Fast Forward Labs | KEYNOTE SPEAKER*

Hilary Mason is the founder of Fast Forward Labs, a New York City-based machine intelligence research company. She is also the Data Scientist in Residence at Accel Partners, a venture capital firm, and previously served as the Chief Scientist at Bitly. Hilary has deep roots in the New York technology scene, co-founding HackNY, co-hosting DataGotham and participating in NYCResistor. Since 2011, Hilary has also been an active member of Mayor Bloomberg's Technology and Innovation Advisory Council. Her many honors include earning the TechFellows Engineering Leadership award, and being named on named on the Forbes 40 under 40 Ones to Watch list and Crain's New York 40 under Forty list. Hilary also serves as an advisor to several New York-based startups including knod es, collective[i], Mortar Data and Datakind, a non-profit organization bringing together data scientists with high-impact social organizations. Additionally, Hilary served as a mentor to Betaspring, a Rhode Island-based startup accelerator and TechStars New York.

**Lydia E. Kavraki**  
*2015 Winner of the Grace Hopper Celebration Technical Leadership ABIE Award | ABIE AWARD WINNER*

Lydia E. Kavraki is the Noah Harding Professor of Computer Science and professor of Bioengineering at Rice University. She received her B.A. in Computer Science from the University of Crete in Greece and her Ph.D. from Stanford University. Her research focuses on physical algorithms and their applications in robotics, computational structural biology, and translational bioinformatics. Lydia has advised 20 Ph.D., 15 postdoctoral, and more than 50 undergraduate students. She is the recipient of the 2000 Grace Murray Hopper Award, a Fellow of ACM, IEEE, AAAS, AAAI, AIMBE, and a member of the National Academy of Medicine.

**Clara Shih**  
*CEO and founder of Hearsay Social | PLENARY SPEAKER*

Clara Shih is CEO and founder of Hearsay Social, a social media marketing management platform. At Hearsay, Clara's core mission is to develop the company into a diverse work environment where everyone feels comfortable and welcome. Growing up in Chicago, Clara learned to love math, science and technology from her dad, an electrical engineer. A Businessweek cover story on Silicon Valley inspired her to move west, and she graduated #1 in Computer Science at Stanford University, where she also received an M.S. in Computer Science – User Experience and Design. Clara went on to complete an M.S. in Internet Studies from the University of Oxford, where she studied as a U.S. Marshall Scholar. She has gone on to be named one of Fortune’s Most Powerful Women Entrepreneurs, Fast Company’s Most Influential People in Technology and Businessweek’s Top Young Entrepreneurs.

In 2004, Clara received an Anita Borg Scholarship to attend GHC. Now, she will once again return, this time as a woman who has overcome the many obstacles posed by the gender gap in tech. Clara will share pertinent advice for young women entering the tech and business world:

*“Don’t underestimate yourself. It’s easy to feel intimidated when you are the only woman in the room and to want to shrink away, but remember: It’s an opportunity to show everyone who you are and what you’re capable of. Seize it!”* she says.

**Anna Lysyanskaya**  
*Professor of Computer Science at Brown University | INVITED TECHNICAL SPEAKER*

Anna Lysyanskaya is a Professor of Computer Science at Brown University. She received her Ph.D. in Computer Science and Electrical Engineering from MIT in 2002. In addition to MIT, her Ph.D. work was supported by an NSF fellowship, and Bell Labs' GRFP program (mentored by Peter Winkler). Anna joined the faculty of Brown as an Assistant Professor in 2002, was promoted to Associate Professor in 2008, and to Professor in 2013. While at Brown, she received an NSF CAREER award and numerous other NSF grants that have supported her and her students' research. She also spent a sabbatical at the Weizmann Institute of Science and at the UCLA IPAM.

In 2007, the MIT Technology Review Magazine included Anna into their annual list of “35 Innovators under 35.” Other awards include the Sloan Research Fellowship, the IBM Faculty Fellowship, and the Google Faculty Research Award.

**3:45 p.m. – 5:15 p.m.**
- **Halls D-E Level One GRBCC**

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*CEO and founder of Hearsay Social | PLENARY SPEAKER*

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*“Don’t underestimate yourself. It’s easy to feel intimidated when you are the only woman in the room and to want to shrink away, but remember: It’s an opportunity to show everyone who you are and what you’re capable of. Seize it!”* she says.
Megan previously served as CEO of PlanetOut, a leading LGBT online community in the early days of the web, where the “WomenTechmakers” tech-diversity initiative and worked on a range of other projects.

Prior to Go Daddy, Megan was Vice President of Development for Fast Forward Labs, an investment fund focused on building early-stage partnerships, pilot explorations and technology licensing across Google’s global engineering and product teams for nine years. She later served as a VP in the leadership role at Google, first leading New Business Development — where she managed early-stage partnerships, pilot explorations and technology licensing across Google’s global engineering and product teams for nine years. She later served as a VP in the leadership team at Google[x] — where she co-created the company’s “SolveForX” innovation community project.

A technology pioneer for more than 30 years, Blake began his career at Xerox in 1981 during the heyday of PARC labs. He has since been at the forefront of innovation, having been involved in numerous products and services that are now staples of the internet, including typography, communications on the personal computer, subscription services, online advertising and global-scale services platforms known collectively today as “the cloud.”

Blake is a graduate of San Diego State University and received an MBA from Pepperdine University, where he later served as a professor of business. He currently resides in San Luis Obispo, CA with his wife and two sons.

Megan Smith

Chief Technology Officer, United States of America | PLENARY SPEAKER

Megan Smith is the United States Chief Technology Officer in the Office of Science and Technology Policy. In this role, she serves as an Assistant to the President. As U.S. CTO, Megan focuses on how technology policy, data and innovation can advance our future as a nation.

Megan is an award-winning entrepreneur, engineer and tech evangelist. She most recently served as a Vice President at Google, first leading New Business Development — where she managed early-stage partnerships, pilot explorations and technology licensing across Google’s global engineering and product teams for nine years. She later served as a VP in the leadership team at Google[x] — where she co-created the company’s “SolveForX” innovation community project “WomenTechmakers” tech-diversity initiative and worked on a range of other projects.

Megan previously served as CEO of PlanetOut, a leading LGBT online community in the early days of the web, where the team broke through many barriers and partnered closely with AOL, Yahoo!, MSN and other major web players. Blake spent 15 years at Microsoft where he created and grew MSN Messenger into the world’s most successful instant messaging platform, re-architected and grew Hotmail to 270 million users worldwide, and deployed their first billion dollar advertising system, adExpert.

Blake has served as a professor of business. He currently resides in San Luis Obispo, CA with his wife and two sons.

**SPEAKERS AND HONOREES**

**DAY I: WEDNESDAY**

**Blake Irving**

CEO and Board Director of GoDaddy | PLENARY SPEAKER

Blake Irving is the CEO and Board Director of GoDaddy, the world’s largest domain name provider and web host. Under Blake’s direction, the company has sharpened its focus on helping the world’s 200 million small, independent ventures to grow and thrive online—utilizing a unified platform that powers their digital presence, communications, marketing, commerce, back-office administration and peer/community support.

Blake spent 15 years at Microsoft where he created and grew MSN Messenger into the world’s most successful instant messaging platform, re-architected and grew Hotmail to 270 million users worldwide, and deployed their first billion dollar advertising system, adExpert.

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Megan previously served as CEO of PlanetOut, a leading LGBT online community in the early days of the web, where the team broke through many barriers and partnered closely with AOL, Yahoo!, MSN and other major web players. Megan was part of designing early smartphone technologies at General Magic and worked on multimedia products at Apple Japan.

Megan has served on the boards of MIT, MIT Media Lab, MIT Technology Review and Vital Voices. She is also a member of the USAID Advisory Committee on Voluntary Foreign Aid and serves as an advisor to the Joan Ganz Cooney Center and the Malala Fund, which she co-founded. Megan holds bachelor’s and master’s degrees in mechanical engineering from MIT, where she completed her master’s thesis work at the MIT Media Lab.
SESSIONS DAY I: WEDNESDAY

10:30 a.m. - 11:30 a.m.

CAREER WORKSHOP
Presenting Yourself with Credibility
- 310 D Level Three GRBCC
- Christina Tan (Extempra)
- All

CAREER WORKSHOP
CRA-W Early Career: The Tenure Process
- 322 A Level Three GRBCC
- Joan Francioni (Wirona State University)/Aila Hirschberg (Columbia University)

CAREER PANEL
Beyond Technical: Advancing Careers through Business Knowledge and Relationship Management
- General Assembly Theatre A Level Three GRBCC
- Shannon C. Sweeney (InSource Group), Phyllis Kolmus (AT&T), Kunkun Callaghan (Freddie Mac), Amy J. Bravo (Extreme Networks), Hoffamn Michele (Clarendon Partners)
- Early Career

CAREER WORKSHOP
CRA-W Grad Student Workshop: Building Self-confidence
- 332 C Level Three GRBCC
- Cecilia Aragon (University of Washington), Patty Lopez (Intel)

CAREER WORKSHOP
CRA-W Leadership Workshop: Gaining Recognition
- 332 A Level Three GRBCC

10:30 a.m. - 12:30 p.m.

CAREER WORKSHOP
Communicating for Impact and Influence (Register for Workshop OnSite)
- 340 A Level Three GRBCC
- George Bush Grand Ballroom A Level Three GRBCC
- Denise Brousseau (Thought Leadership Lab)
- All

CAREER PRESENTATION / LIGHTNING TALK
Student Opportunity Lab
- Hall A3 Level Three GRBCC
- All Students

Q&A: How to Successfully Apply to Graduate School
- 370 D Level Three GRBCC
- Vidya Srinivasan (Argonne National Laboratory)
- All

CAREER WORKSHOP
How to Choose the Right Internship
- 330 A Level Three GRBCC
- All

CAREER WORKSHOP
Build Your Brand as an Emerging Leader or Technical Expert (Register for Workshop OnSite)
- 370 A Level Three GRBCC
- All

CAREER PRESENTATION / LIGHTNING TALK
Open Source: Presentations
- 370 A Level Three GRBCC
- Jen Wike Hugger (Red Hat / Opensource.com)
- Beginner

OPEN SOURCE PANEL
Humanitarian Free and Open Source Software: Motivating the Underrepresented
- Gina Sprint (Washington State University)
- Advanced

OPEN SOURCE PANEL
The Art of Networking
- Jackie Head (Box)
- Intermediate

10:30 a.m. - 1:00 p.m.

CAREER PANEL
INTERNET OF THINGS/EMERGING TECH
- Presentation / Lightning Talk
- IoT and Emerging Tech: Presentations

CAREER PANEL
PRESENTATION / LIGHTNING TALK
Landscape in Computer Science
- Five Tips on Navigating Internship Landscape in Computer Science
- Dippy Agrawal (University of Cincinnati)
- Beginner

CAREER PANEL
Secure Native Code on the Web
- Deepit Gandhi (Google)
- Beginner

CAREER PRESENTATION / LIGHTNING TALK
How to Prepare for your First Technical Interview
- Johanna (Quora), Victoria La (Palantir Technologies)
- Cindy Liu (Microsoft)
- Poornima Vijayashanker (Femgineer)
- All

THE DATING GAME
- Knowledge: A Company is Right for You
- Theresa Cha (Taser International)
- All

CAREER PANEL
Catalyst)
- Five Tips on Navigating Internship Landscape: Finding the Right Fit For You
- Keltaki Deo (LinkedIn)
- Beginner

CAREER PANEL
How To Change The World Through Entrepreneurship
- Lara Tadlock (Google)
- All

CAREER PANEL
The Right Fit For You
- Startups Vs. Mid/Large Companies – Actually Living There)
- Opensource.com
- All

CAREER PANEL
The Internship Decision: Finding the Right Fit For You
- Helen Kuo (Box)
- All

CAREER PANEL
Transitioning Into the Work World
- Lan Li (Microsoft), Heaven Chen (Salesforce.com)
- Everything You Ever Need To Know About Internships
- Heaven Chen (Salesforce.com), Wenqing Dai (Salesforce.com)
- All

CAREER PANEL
Finding the Internship for You
- Heather Caffrey (Microsoft)
- All

CAREER PANEL
Navigating Your Career Path
- How To Choose the Right Internship
- Johanna (Quora), Victoria La (Palantir Technologies)
- Cindy Liu (Microsoft)
- Poornima Vijayashanker (Femgineer)
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CAREER PANEL
Navigating Around Career Roadblocks
- Finding the Internship for You
- Johanna (Quora), Victoria La (Palantir Technologies)
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CAREER PANEL
How Can Undergraduates Participate
- Andrea Danyuk (Williams College)
- All

CAREER PANEL
How to Choose the Right Internship
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**SESSIONS DAY 1: WEDNESDAY**

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| **10:30 a.m. - 5:00 p.m.** | **OPEN SOURCE** SPONSORED BY GITHUB, GOOGLE, JUNIPER NETWORKS AND REDHAT **Open Source Day: Code-a-thon for Humanity (By RSVP Only)** Open Source Day (OSD) provides participants an opportunity to learn Free and Open Source Software, regardless of skill level, by coding for humanitarian causes. You must RSVP in advance. #GHC15OSD | 350 D, 350 E, 350 F, 360 A, 360 C Level Three GRBCC
| **1:30 a.m. - 12:00 p.m.** | **BREAKS** Morning Refreshments | 352 D Level Three GRBCC
| **12:00 p.m. - 1:00 p.m.** | **DATA SCIENCE** **PRESENTATION / LIGHTNING TALK** Bioinformatics: Presentations General Assembly Theatre C Level Three GRBCC Identifying Genetic Variants in Human Genome Data With In-Memory Technology Cindy Fähnrich (Hasso Plattner Institute for Software Systems Engineering) Advanced Data Science Fights Ebola: Pre-Symptomatic Warnings of Hemorrhagic Fever Infection Lauren E. Edwards (MIT Lincoln Laboratory) Intermediate Itemset Mining for Risk Characterization in Environmental Health Epidemiology Giulia Tati (University of Houston) Intermediate Security/Privacy **PRESENTATION / LIGHTNING TALK** Security From The Boardroom: Presentations 352 D Level Three GRBCC
| **12:00 p.m. - 1:00 p.m.** | **GFX** **PRESENTATION / LIGHTNING TALK** GFX: Presentations 351 A Level Three GRBCC Tiny Titan: Visualizing Parallel Computing with DIY Supercomputers and Games Suzanne Parete–Koon (Oak Ridge National Laboratory) Intermediate Optimizing Molecular Visualization for Drug Discovery Ellen Zhong (D. E. Shaw Research) Intermediate Proceduralization of Urban Models Ilke Demir (Purdue University) Intermediate TRACK: HCI PANEL Design for All 361 A Level Three GRBCC Architecting Your iOS App for the Apple Watch Natasha Murasheva (Capital One) Advanced “Write Once, Run Anywhere.” The Mobile Developer Pipedream Paolo Castro (SurveyMonkey) Beginner Please PWN Me: Architecture for a Distributed Virtual Cyber Testbed Sarah Chmielewski (MIT Lincoln Laboratory) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **CAREER WORKSHOP** CRA-W: Mid-Career/Senior Faculty Mentoring 342 A Level Three GRBCC Nancy Amato (Texas A&M), Dilma Da Silva (Texas A&M) Intermediate Ask Two Powerful Questions and Give Yourself Permission to Lead Trish Marszalek (American Express) Intermediate Students, Mid–Career and Early Career
| **12:00 p.m. - 1:00 p.m.** | **CAREER WORKSHOP** The Ideator: A Tool for Generating Exceptional Ideas 310 D Level Three GRBCC Bernadette Johnson (MIT Lincoln Laboratory) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **CAREER PANEL** After the Grace Hopper Celebration: Building and Sustaining Community 320 A Level Three GRBCC Arezzo Miot (TechWomen), Rosario Robinson (Anita Borg Institute), Claudia Galvan (Anita Borg Institute), Alaa Fatayer (Jawwal) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **CAREER WORKSHOP** CRA-W Grad Students: Presentation and Other Verbal Communication Skills 332 A Level Three GRBCC Kathryn McKinley (Microsoft Research), Susan Rodger (Duke University) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **PRODUCTIZATION** **PRESENTATION / LIGHTNING TALK** Product Strategy/Design: Lightning Talks 350 B Level Three GRBCC Lanier Grand Ballroom A Level Four Hilton Americas Building a Big Data Optimizer: Research Pipers to Shipping Product Susan Advanced Intermediate Creating an Authentic Internal Intranet at Airbnb Jessica Toy (Airbnb) Intermediate From Lean Experiments to Successful Productization! Rekha Joshi (Intuit) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **INTERNET OF THINGS/ EMERGING TECH** **WORKSHOP** FOSS, Let’s Get YOU Started! 370 A Level Three GRBCC Bushra Anjum (Amazon), Pavithra Ramaswamy (Cisco) Beginner
| **12:00 p.m. - 1:00 p.m.** | **ORGANIZATIONAL TRANSFORMATION** **PANEL** Diversify Your Hiring Pipeline: A How-To Guide 340 A Level Three GRBCC Lanier Grand Ballroom C Level Four Hilton Americas Karen Catlin (Karen Catlin Consulting), Jocie Emerson (Paradigm), Michelle McCharge (Cowboy Ventures), Caroline Simard (Clayman Institute for Gender Studies, Stanford University), Kieran Snyder (Textio) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **BOF** Incorporating Humanitarian Free and Open Source Software in CS Classrooms 340 A Level Three GRBCC Gregory Hislop (Drexel University), Becka Morgan (Western Oregon University), Lori Postner (Nassau Community College), S. Monisha Pulimood (The College of New Jersey), Samuel A. Rebelsky (Grinnell College) Beginner

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| **12:00 p.m. - 1:00 p.m.** | **CAREER PANEL** After the Grace Hopper Celebration: Building and Sustaining Community 320 A Level Three GRBCC Arezzo Miot (TechWomen), Rosario Robinson (Anita Borg Institute), Claudia Galvan (Anita Borg Institute), Alaa Fatayer (Jawwal) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **CAREER WORKSHOP** CRA-W Grad Students: Presentation and Other Verbal Communication Skills 332 A Level Three GRBCC Kathryn McKinley (Microsoft Research), Susan Rodger (Duke University) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **PRODUCTIZATION** **PRESENTATION / LIGHTNING TALK** Product Strategy/Design: Lightning Talks 350 B Level Three GRBCC Lanier Grand Ballroom A Level Four Hilton Americas Building a Big Data Optimizer: Research Pipers to Shipping Product Susan Advanced Intermediate Creating an Authentic Internal Intranet at Airbnb Jessica Toy (Airbnb) Intermediate From Lean Experiments to Successful Productization! Rekha Joshi (Intuit) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **INTERNET OF THINGS/ EMERGING TECH** **WORKSHOP** FOSS, Let’s Get YOU Started! 370 A Level Three GRBCC Bushra Anjum (Amazon), Pavithra Ramaswamy (Cisco) Beginner
| **12:00 p.m. - 1:00 p.m.** | **ORGANIZATIONAL TRANSFORMATION** **PANEL** Diversify Your Hiring Pipeline: A How-To Guide 340 A Level Three GRBCC Lanier Grand Ballroom C Level Four Hilton Americas Karen Catlin (Karen Catlin Consulting), Jocie Emerson (Paradigm), Michelle McCharge (Cowboy Ventures), Caroline Simard (Clayman Institute for Gender Studies, Stanford University), Kieran Snyder (Textio) Intermediate
| **12:00 p.m. - 1:00 p.m.** | **BOF** Incorporating Humanitarian Free and Open Source Software in CS Classrooms 340 A Level Three GRBCC Gregory Hislop (Drexel University), Becka Morgan (Western Oregon University), Lori Postner (Nassau Community College), S. Monisha Pulimood (The College of New Jersey), Samuel A. Rebelsky (Grinnell College) Beginner
Lunch is available for purchase at the convention center.

### LUNCHES AND RECEPTIONS

**GHC Scholars Lunch (By Invitation Only)**
- Ballroom of the Americas A-C Level Two Hilton Americas

### 1:00 p.m. - 3:00 p.m.

#### SPECIAL SESSIONS

**Empowering Workers Using Machine Intelligence (Tech Node)**
- 371 D – F Level Three GRBCC
- Mary Hamilton (Accenture Technology Labs)

### 1:15 p.m. - 3:15 p.m.

#### CAREER WORKSHOP

**Communicating for Impact and Influence (Register for Workshop OnSite)**
- George Bush Grand Ballroom A Level Three GRBCC
- Denise Brousseau (Thought Leadership Lab)

**Build Your Brand as an Emerging Leader or Technical Expert (Register for Workshop OnSite)**
- George Bush Grand Ballroom B Level Three GRBCC
- Jo Miller (Women’s Leadership Coaching)

**Showcase Your Work: How to Give Your First Lightning Talk (Register for Workshop OnSite)**
- George Bush Grand Ballroom C Level Three GRBCC
- Karen Catlin (Karen Catlin Consulting), Poornima Vijayashankar (Fengmeier)

### 2:15 p.m. - 3:15 p.m.

#### BADGE TO WORKSHOP

**Crucial Conversations in Your Career**
- 320 A Level Three GRBCC
- Wei Wu (Yelp), Jennifer Wang (Yelp)

**Finding a Research Topic**
- 322 A Level Three GRBCC
- Mary Lou Soffa (University of Virginia), Valerie Taylor (Texas A&M)

**Achieving Trip Aim with Beacons**
- 332 A Level Three GRBCC
- Keena (Puppet Labs), Elissa Shevinsky (OTVentures)

### SESSIONS DAY 1: WEDNESDAY

#### 10:00 a.m. - 11:00 a.m.

**PRODUCTIZATION**

**PRESENTATION / LIGHTNING TALK**

**Testing: Presentations**
- Lanier Grand Ballroom A Level Four Hilton Americas

**Driving Reliability at Scale @Twitter**
- Elif Dede (Twitter)

**Presentation: The Art of the Beta Program**
- Jessica Fan (Box)

**Quality Inside Out: Best Kept Secrets of Agile Teams**
- Navid Rezvani (CA Technologies)

#### 11:15 a.m. - 12:15 p.m.

**INTERNET OF THINGS / EMERGING TECH**

**PRESENTATION / LIGHTNING TALK**

**IoT and Emerging Tech: Lightning Talks**
- General Assembly Theatre B Level Three GRBCC

**Timely Collaboration Through Smart Webs of Express Logistics**
- Danqing Cai (SAP, Asia)

#### 1:00 p.m. - 2:00 p.m.

**SECURITY/PRIVACY**

**PRESENTATION / LIGHTNING TALK**

**Cloud Security: Presentations**
- 361 A Level Three GRBCC

**Security in Cloud Based Integration Solutions**
- Sindhu Gangadharan (SAP)

**Cloud Security From the Inside**
- Brian Chess (NetSuite)

#### 1:15 p.m. - 2:15 p.m.

- 332 C Level Three GRBCC
- Fran Berman (Rensselaer Polytechnic Institute), Jan Cuny (National Science Foundation)

**CRA-W Grad Student Workshop:**

**FINDING A RESEARCH TOPIC**
- 322 A Level Three GRBCC

**Finding a Research Topic**
- 322 A Level Three GRBCC
- Mary Lou Soffa (University of Virginia), Valerie Taylor (Texas A&M)

**CR-A-W Early Career: Effective Leadership**
- 332 A Level Three GRBCC
- Carla Brodley (Northeastern University), Kathleen Fisher (Tufts University)

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- 332 A Level Three GRBCC
- Keena (Puppet Labs), Elissa Shevinsky (OTVentures)

### 2:15 p.m. - 3:15 p.m.

#### CAREER WORKSHOP

**Accessing Global Seed Funding: Supporting International Innovators**
- 352 D Level Three GRBCC
- Robin Patin (Anita Borg Institute), Jody Mahoney (Anita Borg Institute), Rosario Robinson (Anita Borg Institute), Beth Gartoff (Wetech Program), Hanan Youssef (OTVentures)

**CR-A-W Early Career: Effective Leadership**
- 332 A Level Three GRBCC
- Carla Brodley (Northeastern University), Kathleen Fisher (Tufts University)

**Timely Collaboration Through Smart Webs of Express Logistics**
- Danqing Cai (SAP, Asia)

**The Internet Security Risk of Things**
- 340 A Level Three GRBCC
- Dima Kassab (State University of New York, Albany), Catherine Dumas (State University of New York, Albany), Jennifer Goodall (State University of New York, Albany), Luis Ibanez (Google)

**The Internet Security Risk of Things**
- 340 A Level Three GRBCC
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**SESSIONS**

**DAY 1: WEDNESDAY**

**3:15 p.m. - 3:45 p.m.**

**BREAKS**

Afternoon Refreshments

**3:45 p.m. - 5:15 p.m.**

**GENERAL SESSIONS**

**TYPE: PRESENTATION / LIGHTNING TALK**

**Wednesday Afternoon Plenary**

Clara Shih, Blake Irving and Megan Smith will discuss changing the culture of tech through transformation at the individual, company and industry level. A Q&A will follow their individual presentations.

- Halls D-E Level One GRBCC
- Clara Shih (CEO and founder of Hearsay Social), Blake Irving (CEO and Board Director of GoDaddy) and Megan Smith (Chief Technology Officer, United States of America)

**5:15 p.m. - 5:30 p.m.**

**BREAKS**

Break

**5:30 p.m. - 10:00 p.m.**

**GENERAL SESSIONS**

Career and Community Fair

- Halls A-C Level One GRBCC

**6:30 p.m. - 9:00 p.m.**

**POSTERS**

**General Poster Session**

Students formally present their posters to experts and conference attendees. Some students will participate in the ACM research competition. Come see what the next generation of technological innovators is dreaming up!

- Halls A-C Level One GRBCC


- Fattaneh Bayatbabolghani (University of Notre Dame)

Adaptive Buffer Resizing for Efficient Streaming Data Anonymization

- Aderonke Sakpere (University of Cape Town)

"Am I Your Sibling?" Inferring Kinship Cues from Facial Images

- Sherin Mathews (University of Delaware)

Robust Cooperative Sensing Against Insistent Spectrum Sensing Data Falsification Attacks

- Aida Vasoughi (Rice University)

Applying Supervised Machine Learning-Based Models to Recruiting Processes

- Li Zhao (Pomona College)

Reeb Graph-Based Validation of Statistical Models for Spread of AIDS

- Akanksha Atrey (State University of New York, Albany)

Exploring the Effects of Customizable Virtual Teacher on ASD

- Bushra Tasnim Zahed (University of Texas, San Antonio)

Possible Solution Approach for Safe Social Networking: Perspective of Bangladesh

- Fazana Ahmed Siddique (Bangladesh University of Engineering and Technology)

Investigation of Glaucoma Characteristics for Glaucoma via Wearable Sensing System

- Yuchao Ma (Washington State University)

Protecting Genomic Privacy in Medical Tests Using Distributed Storage

- Maitraye Das (Bangladesh University of Engineering and Technology)

Roadside Caching Assistance for Vehicle-Based Information Services

- Sherin Abdedhumin (School of Computing - Queen's University)

"Am I Your Sibling?" Inferring Kinship Cues from Facial Images

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**DAY 1: WEDNESDAY**

**6:30 p.m. - 9:00 p.m.**

**Multi-granular Aggregation of Network Flows for Security Analysis**

- Tao Ding (University of Maryland, Baltimore County)

**Global Pattern Search at Scale: Visual Analytics for Geospatial Intelligence**

- Maja Milosevic (MIT Lincoln Laboratory)

**A Framework for Secure Vehicular Communications**

- Awleen Mahi (IIT Delhi)

**The Contagion of Cheating Behavior in Online Gaming Social Networks**

- Xiang Zuo (University of South Florida)

**Key Frame Extraction for Object Detection**

- Ashwini Tonge (University of North Texas)

**Disaster Response Through Unmanned Aerial Vehicles**

- Kathleen Swan (USAA)

**Lessons for Creating and Sustaining a CS Pipeline**

- Natasha Nesiba (New Mexico State University)

**Increasing Student Interest in Computer Science**

- Anastasia Kolovani (Drew University)

**The Human Supercomputer**

- Suzanne Parete-Koon (Oak Ridge National Laboratory)

**Solution for Lack of Continuous High Resolution Remotely Sensed Data**

- Shern Ghaniam (Virginia Polytechnic Institute and State University)

**Blind Beam Steering: mm-Wave Imaging of Dimensional Protein Arrays**

- Bushra Tasnim Zahed (University of Texas, San Antonio)

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**DAY 1: WEDNESDAY**

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<td>Synthentic Click-Through-Rate: A Novel Approach to Measure Search User Engagement</td>
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<td>Personalized Job Matching</td>
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<td>Ayeshia Malika Khan (Purdue University - Virginia Community College)</td>
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<td>Maestoso: Intelligent Sketch Recognition Interface for Learning Music Theory</td>
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<td>Laura Barreto (Vassar College)</td>
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<td>Forcing Out Females: Enrollment Pressures and Undergraduate Women in CS</td>
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<td>Christina Tong (Pomona College)</td>
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<td>Hierarchical Multi-Formalism Proofs of Cyber-Physical Systems</td>
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<td>Increasing Female Involvement and Achievement in STEM</td>
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<td>Amy M. Shick (University of Richmond)</td>
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<td>Drug Re-positioning: A Computational Biology Approach</td>
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<td>Madhura M. Kshirsagar (Indiana University - Purdue University Indianapolis)</td>
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<td>Visual Analytics for Medical Imaging: Focusing on the Spleen</td>
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<td>Ievgenia Gutero (Stony Brook University)</td>
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<td>Energy Labels for Android Mobile Applications</td>
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<td>Reyhaney Jabbarvand Behrouz (University of California, Irvine)</td>
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<td>High-Performance Computing (HPC) Simulations for Shale Formations</td>
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<td>Charlotte Barber (Oak Ridge National Laboratory)</td>
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<td>The Power of Positivity: Correlation Between Attitude and Performance</td>
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<td>Michelle L. Olynky (Wellesley College)</td>
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<td>9:00 p.m.</td>
<td>Engaging Females in CS: Socio-cultural Motivations for Kenyan High School Students</td>
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<td>Brianna J. Tomlinson (Georgia Institute of Technology)</td>
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<td>Prevent Cybercrime Against Women Through Hybrid Cloud Security System</td>
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<td>Determining the Adequacy of Formalized Requirements and Test Suites</td>
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<td>Anitha Murugesan (University of Minnesota)</td>
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<td>Towards an Insider Threat Detection Framework Using Honey Permissions</td>
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<td>Parisa Kaghazgaran (University of North Texas)</td>
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<td>MicroTS: Tissue-Specific MicroRNA Target Prediction with Application to Breast Cancer</td>
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<td>Hanaa Torkey (Virginia Polytechnic Institute and State University)</td>
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<td>An Empirical Analysis of Stop-and-Frisk in New York City</td>
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<td>Khanna Pugach (Baruch College)</td>
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<td>Implantable Silicon/Cell Hybrid Biosensors for Continuous Surveilation of Health Status</td>
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<td>M. Eva E. Lawnczak (University of Tennessee, Knoxville)</td>
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<td>Distribution Network Electricity Market Clearing: PMP Algorithms with Minimal Coordination</td>
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<td>lika Wang (Google)</td>
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<td>OPTIMIZED A GPU Implementation for Massive MIMO Uplink Systems</td>
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<td>Dan Wang (Purdue University)</td>
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<td>Mapping Conditions for Forced Migration</td>
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<td>Irima A. Abramova (Lawrence Livermore National Laboratory)</td>
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<td>Halls A–C Level One GBCC Visualization Techniques for Neuroscience-Inspired Dynamic Architectures</td>
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<td>Eyes-Free Mobile Browsing With Voice-Controlled Aural Flows While Driving</td>
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<td>Romisa Rohani Ghahari (Indiana University - Purdue University Indianapolis)</td>
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6:30 p.m. - 9:00 p.m.

BrainTrack: Concussion Monitoring and Recovery
- Jennifer Tran (University of California, San Diego)
- Computer Graphics for Connecting Facial Motion to Emotional Intent
- Rochelle Widner (Gustavus Adolphus College)

Modeling Problem Solving Approaches in Collaborative Programming
- Raquel Lawrence (Georgia Gwinnett College)
- TTS and Data Selection: Improving Sentiment Analysis of Android Applications and Application Developers
- Theresa A. Guinard (New Mexico Institute of Mining and Technology)

Avian Transcriptomics: Computational Tools for Biological Problems
- Emma K. Highland (Loyola University Chicago)
- Prosody and Communicative Context: the Impact of Pitch Accents
- Katherine Sittig-Boyd (Simmons College)

Selection in 3D Graphics Environments
- Christine Albert (Villanova University)
- An Empirical Evaluation of Approximation Algorithms for Two Graph Problems
- Christine Harbour (Southwestern University)

POSTERS
- CRA-W CREU Posters
  - Halls A–C Level One GRBCC
  - An Improved Algorithm for a Relaxed Queue
    - Alyssa Byrnes (Tulane University)
    - Identifying Patterns of Conformity on a Social Network for Children
    - Kaya Borgos (University of Puerto Rico)

- CrowdBench: Situational Crowdsourcing of Motivation for Runners
- Meera S. Hahn (University of California, Berkeley)
- CrowCheer: Situational Crowdsourcing of Motivation for Runners
- Meera S. Hahn (University of California, Berkeley)

- Virtual/Augmented Reality Systems for Low-Resource Languages
- Risa B. Myers (Rice University)
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SESSION HIGHLIGHTS  DAY 2: THURSDAY

Today’s tracks are designed to help you make the most of the world’s largest conference for women in technology, with sessions covering technical topics, career topics as well as opportunities to connect and network with your fellow GHC attendees.

GET INSPIRED

8:30 a.m. – 10:00 a.m.

Day two of GHC begins with a keynote from YouTube CEO Susan Wojcicki, followed by an on-stage conversation between Susan and publisher and journalist Moira Forbes about the Business of Tech.

Also, please join us in celebrating María Celeste Medina and Mai Abuakas Temraz, winners of the Change Agents ABIE Awards, as well as Michal Segalov and Daniela Rajman, winners of the Social Impact ABIE Award.

Be sure to check out the sessions within the Community Track, developed by members of the ABI Systers community. Sessions will explore how to introduce technology to girls and women of all ages, women tech leaders in government and leading global impact through open source.

GAIN EXPERTISE

1:00 p.m. – 2:30 p.m.

Many important discussions are often sparked in casual settings, particularly lunchtime conversations. Join a Lunchtime Table Topics session to discuss a subject and share your ideas, experiences and interests.

GET CONNECTED

Many Sessions

Want more time to connect with like-minded peers, mentors and future employers? Check out Speed Mentoring and the Community Fair, a dedicated hub where all attendees can interact with our GHC communities, alliance partners and nonprofits.

To accommodate the expanded programming that we’re offering at GHC 2015, we are introducing Clusters. Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find Clusters.
**SPEAKERS AND HONOREES**  |  **DAY 2: THURSDAY**

8:30 a.m. – 10:00 a.m.  
Halls D-E Level One GRBCC

### Susan Wojcicki

**CEO of YouTube | KEYNOTE**

Susan Wojcicki has called herself “the mom of Google” — in fact, the Internet giant was born in her garage which she rented out to recent graduates Sergey Brin and Larry Page. Susan joined Google in 1999 as Google’s first marketing manager and led the initial development of several key consumer products including Google Images and Google Books. In 2002, Susan began working on Google’s advertising products and over the next 12 years she led teams that helped define the vision and direction of Google’s monetization platforms. She went on to become Senior Vice President of Advertising and Commerce, where she helped to build and grow key advertising products like AdWords, AdSense, DoubleClick and Google Analytics. Today, Susan heads up YouTube, where she oversees content and business operations, engineering and product development.

Susan graduated with honors from Harvard University, holds a master’s in economics from UC Santa Cruz, and an MBA from UCLA. In 2015, Susan was named to Time’s list of the 100 most influential people in the world.

### María Celeste Medina

**2015 Winner of the Grace Hopper Celebration Change Agent ABIE Award | ABIE AWARD WINNER**

AWARD SPONSORED BY GOOGLE

María Celeste Medina is the co-founder of Ada IT, a software development and software testing startup based in Buenos Aires, Argentina, focused on generating job opportunities for women. María Celeste is also a Technical Advisor and Code Clubs Coordinator in “Programá Tu Futuro”, a coding initiative launched by the Buenos Aires City Government Coding Initiative.

In just one year, she has worked with the Programá Tu Futuro team and has initiated more than 6,000 people in coding: kids, adults, teenagers and senior citizens (of which 30 percent are women). María Celeste has spoken on national TV about about the importance of having more women in technology in Argentina.

She has also communicated this need to the Buenos Aires City mayor as well as in popular newspapers and in talks with young girls. Through Ada IT and Girls in Tech, María has hosted several women in technology events, which have drawn hundreds of women entrepreneurs, university faculty members and city government managers.

### Moira Forbes

**Publisher & Journalist, Forbes Media**

Moira Forbes is the President and Publisher of ForbesWoman, a multi-media platform dedicated to successful women in business and leadership. She is also the Executive Vice President of Forbes Media where she is responsible for programming and branding Forbes events worldwide and driving new business initiatives across the company’s diverse media platforms. She is currently the host of Success with Moira Forbes, a video series on the Forbes Video Network featuring candid, one-on-one interviews with today’s top women leaders.

Moira joined Forbes Media in 2001 in its London office, overseeing research and marketing for the Forbes’ European edition, in addition to developing business opportunities on behalf of all the company divisions. She came to the New York office and was named Associate Publisher of Forbes’ dedicated lifestyle magazine, ForbesLife, in February of 2004, and President and Publisher, ForbesWoman, in 2008. In 2010, Moira founded the Forbes Executive Women’s Board, an organization dedicated to harnessing the collective power of women in business to drive sustainable change. In 2013, Moira hosted the first Forbes Women’s Summit in New York City. Moira graduated cum laude with a B.A. in Art History from Princeton University, and is a graduate of the Harvard Business School program for Leadership Development.

### Mai Abualkas Temraz

**2015 Winner of the Grace Hopper Celebration Change Agent ABIE Award | ABIE AWARD WINNER**

AWARD SPONSORED BY GOOGLE

Mai Abualkas Temraz is the Mentorship & Women’s Inclusivity Program Coordinator at Gaza Sky Geeks (GGG), Gaza’s first startup accelerator and co–working hub. Mai’s interest in entrepreneurship began through her interest in science, technology, engineering and math (STEM) fields. She is the first Palestinian female licensed amateur radio operator. In 2013, she founded the Amateur Club, a training center and maker space that engages young minds in learning STEM. In 2014, she became a TechWomen Emerging Leader, and in 2015, she was awarded the best entry level STEM Executive at the Women in STEM conference in Dubai. Mai is a Global Tech Leader representing Palestine, and a member of the Arab Women in Computing (ArabWIC) Mentorship Committee. She holds a B.S. in Communications Engineering from the Islamic University, the top university in Gaza.

#ABIEWINNER
SPEAKERS AND HONOREES    DAY 2: THURSDAY

8:30 a.m. – 10:00 a.m.
Halls D-E Level One GRBCC

Michal Segalov
2015 Winner of the Grace Hopper Social Impact ABIE Award  |  ABIE AWARD WINNER
AWARD SPONSORED BY RMS
Michal joined Google in 2007 and is a software engineer and manager, leading groups of engineers on the Google Play team focusing on apps and games discovery, Play Store consumer features, and game APIs for developers. Previously, Michal led teams working on Google’s Technical Infrastructure, building monitoring and optimization systems for Google’s backbone network. She also worked on several of Google’s Search and Youtube products.

Michal co-initiated Mind The Gap, a program aimed at encouraging high school girls to select computer science and math as their high-school major. The program expanded globally and is now in its eighth year, with more than 10,000 participants to date.

Michal holds a B.A. in computer science from the Technion, and a M.S. in computer science from Tel Aviv University. She recently moved from Tel Aviv to California, where she lives with her husband and son. #ABIEWINNER

Daniela Raijman
2015 Winner of the Grace Hopper Social Impact ABIE Award  |  ABIE AWARD WINNER
AWARD SPONSORED BY RMS
Daniela Raijman Aharonov joined Google in 2007 as the first female engineer at Google’s R&D center in Tel Aviv, Israel. Initially, she worked on YouTube products, and later joined the Technical Infrastructure organization working on software used to power and monitor Google’s network. After returning from her first maternity leave in 2011, she became a manager and today leads a team of a dozen engineers. Her teams, based in Tel Aviv, work on initiatives for transferring large-scale data across Google’s network, including Google Compute Engine networks.

Daniela has been active on several Google initiatives for women in CS – She co-founded Mind The Gap in 2008 and is still an active member of the team, served as a reviewer for The Google Anita Borg Memorial Scholarship in 2008-2009, and today serves as regional co-lead in Europe, the Middle East & Africa for Women@, Google’s global women’s organization.

She holds a B.S. in Computer Science and Biology and M.S. in Computer Science from Tel Aviv University. She lives in Kiryat Ono, Israel with her husband and two toddler boys. #ABIEWINNER

11:30 a.m. – 12:00 p.m.
Halls D-E Level One GRBCC

Brianna Wu
Head of Development at Giant Spacekat  |  INVITED TECHNICAL SPEAKER
Brianna Wu is the head of development at Giant Spacekat, a company specializing in cinematic experiences using the Unreal engine. She’s also a frequent speaker on women in tech issues. In the past, she’s worked as a journalist and a politico. When she’s not developing software, she enjoys racing motorcycles and running marathons.

10:30 a.m. – 11:30 a.m.
George Bush Grand Ballrooms A-C Level Three GRBCC

Dr. Brian Nosek
Executive Director, Center for Open Science; Professor at University of Virginia  |  INVITED SPEAKER
Brian Nosek received a Ph.D. from Yale University, and a B.S. in Psychology with minors in Computer Science and Women’s Studies from California Polytechnic State University, San Luis Obispo. Nosek is co-founder and Executive Director of the Center for Open Science, co-founder of Project Implicit and a professor in the Department of Psychology at the University of Virginia. Nosek’s expertise is in the gap between values and practices, and thoughts and feelings that occur outside of awareness or control. The Center for Open Science is a non-profit tech startup with a mission to increase openness, integrity and reproducibility of scientific research.
Dorothy Graham  
Software Testing Professional | INVITED TECHNICAL SPEAKER
Dorothy Graham has been in software testing for 40 years, and is co-author of four books: *Software Inspection*, *Software Test Automation*, *Foundations of Software Testing* and *Experiences of Test Automation*.
Dorothy is a popular conference speaker worldwide, was program chair for EuroSTAR 1993 and 2009, and has been on the boards of conferences and publications in software testing. She was a founder member of the ISEB Software Testing Board and was a member of the working party that developed the ISTQB Foundation Syllabus.

12:00 p.m. – 1:00 p.m.
George Bush Grand Ballrooms A-C Level Three GRBCC

Sheryl Sandberg  
Chief Operating Officer, Facebook | PLENARY SPEAKER
Sheryl Sandberg is chief operating officer at Facebook, overseeing the firm's business operations. Prior to Facebook, Sheryl was vice president of Global Online Sales and Operations at Google, chief of staff for the United States Treasury Department under President Clinton, a management consultant with McKinsey & Company and an economist with the World Bank.
Sheryl received a B.A. summa cum laude from Harvard University and an MBA with highest distinction from Harvard Business School.
Sheryl is the author of the bestsellers *Lean In: Women, Work, and the Will to Lead* and *Lean In for Graduates* and founder of LeanIn.Org, a global community committed to empowering all women to achieve their ambitions. Sheryl serves on the boards of Facebook, the Walt Disney Company, Women for Women International, ONE and SurveyMonkey. Sheryl lives in Menlo Park with her son and daughter.

5:30 p.m – 6:30 p.m.
Halls D-E Level One GRBCC

Dr. Nadya Fouad  
Distinguished Professor & Department Chair, University of Wisconsin-Milwaukee, School of Education | INVITED SPEAKER
Nadya Fouad, in addition to her faculty position at the University of Wisconsin-Milwaukee, is the immediate past editor of *The Counseling Psychologist*. She is the recipient of many awards for her research as well as for her service to the training of psychologists. She has served in many leadership roles in the American Psychological Association, and serves on the National Academy of Engineering Workforce Continuum Workgroup. She has published articles and chapters on the career development of women and racial/ethnic minorities, interest measurement and cross-cultural counseling. She is currently working on studies to examine the persistence of women in engineering careers.

12:00 p.m. – 1:00 p.m.
Lanier Grand Ballroom C Level Four Hilton Americas
SESSIONS    DAY 2: THURSDAY

8:30 a.m. - 10:00 a.m.

GENERAL SESSION
Thursday Keynote
© Halls D-E Level One GRBCC
Keynote: Susan Wojcicki delivers the Thursday morning keynote and will be joined in conversation by journalist Moira Forbes.
© Susan Wojcicki, CEO of YouTube
ABIE Award Winners: The Anita Borg Institute presents the winners of the Grace Hopper Celebration Change Agent ABIE Awards and the Social Impact ABIE Award © ABIE WINNER
© Maria Celeste Medina and Mai Abuaikas Temraz, 2015 Winners of the Grace Hopper Celebration Change Agent ABIE Award
© Michal Segalov and Daniela Rajman, 2015 Winners of the Grace Hopper Social Impact ABIE Award

10:00 a.m. - 10:30 a.m.

BREAKS
Break

10:00 a.m. - 5:30 p.m.

GENERAL SESSIONS
Career and Community Fairs
© Halls A-C Level One GRBCC

10:30 a.m. - 11:30 a.m.

SOFTWARE ENGINEERING
PRESENTATION / LIGHTNING TALK
Software Engineering: Lightning Talks
© 362 A Level Three GRBCC
Adapting Your iOS App to the Ever-Changing New Technologies © Liron Matityahu (Intuit)
© Beginner
Accessibility of Mobile Applications - Technology for Everyone! © Saraswathi M. (SAP Labs, India)
© Beginner
A Brief Introduction to Content Delivery Network © Madhura Raju (Akamai Technologies)
© Beginner
Technology Behind Giant “Retail” Wheel © Seena Ganesh (@WalmartLabs)
© Intermediate
Large Scale Distributed Actor System Utilization © Kevin W. Quick (GoDaddy)
© Beginner
Breathing New Life into COBOL © Cindy Guenthner (Atos)
© Intermediate
A Pragmatic Introduction To RESTfulness © Beth Andres-Beck (Twitter)
© Intermediate
Designing Future Software for Sustainability: The Karlskrona Manifesto © Birgit Penzenstadler (California State University, Long Beach)
© Intermediate / All

DATA SCIENCE
PRESENTATION / LIGHTNING TALK
Dear Big Data, Why Isn’t My Life Perfect Yet?
© General Assembly Theatre C Level Three GRBCC
© Ashley P. Jin (Paxata), Wendy Schott (PubNub), Jessica M. Tai (Airbnb), Melissa J. Dalis (Square), Roshni Chandrashekhar (Google)
© Beginner

10:30 a.m. - 11:30 a.m.

SOFTWARE ENGINEERING
PRESENTATION / LIGHTNING TALK
Using Artificial Intelligence to Solve Complex Problems
© 351 A Level Three GRBCC
© Giulia Pagallo (Apple), Revathi Subramanian (CA Technologies), Tara Sanath (Google), Lydia E. Kawaki (Rice University)
© Intermediate

SECURITY/PRIVACY
PRESENTATION / LIGHTNING TALK
Identity and Privacy: Presentations
© 361 A Level Three GRBCC
© Identity & Access Management: Who is Touching What? © Laura Chapa (Bank of America)
© Beginner
Identity Toolkit © Hadas Shahar (Google)
© Beginner
Ethical Market Models in the Personal Data Ecosystem © Kalya Identity Woman (Personal Data Ecosystem Consortium + Leola Group)
© Beginner
Life of PII – Protecting Your Personally Identifiable Information © Alisha Kloc (Google)
© Intermediate

FACULTY
PRESENTATION / LIGHTNING TALK
Academic Leadership: The Three S*** (Screw-ups, Surprises, and Successes)
© 322 A Level Three GRBCC
© Tracy Camp (Colorado School of Mines), Fran Buit Yan (Rensselear Polytechnic Institute), Carla Brodley (Northeastern University), Julia Hirschberg (Columbia University)
© Beginner / Senior Women and Mid-Career

SESSIONS    DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

ARTIFICIAL INTELLIGENCE
PRESENTATION / LIGHTNING TALK
Using Artificial Intelligence to Solve Complex Problems
© 351 A Level Three GRBCC
© Giulia Pagallo (Apple), Revathi Subramanian (CA Technologies), Tara Sanath (Google), Lydia E. Kawaki (Rice University)
© Intermediate

CAREER WORKSHOP
Serious Play Workshop
© 3310 D Level Three GRBCC
© Conrie Smallwood (CA Technologies), Melissa Borza (CA Technologies), Tara Sanath (Google), Lydia E. Kawaki (Rice University)
© Students, Mid-Career and Early Career

CAREER PANEL
Excelling Without Exams: Succeeding as a New Grad
© 320 A Level Three GRBCC
© Omosola Odetunde (Shopify), Wendy Lu (Pinterest), Priscilla Ikhera (Microsoft), Erin Parker (Spotify Athlete), Thogori Karago (Linkedin)
© Students and Early Career

CAREER PANEL
BOF
Driving Success Through Innovation & Change
© General Assembly Theatre A Level Three GRBCC
© Angela Jane Milan (Thomson Reuters), Julie Jensen (Thomson Reuters)
© Senior Women, Mid-Career and Early Career

COMMUNITY PANEL
#WomenInTech Lead Through Systerhood
© 332 A Level Three GRBCC
© Rose Robinson (Anita Borg Institute), Lynn Root (Spotify), Natalie Villalobos (Google), Pamela Vickers (Blue Bottle Coffee)
© All

CAREER PANEL
Speed Mentoring
© Hall A3 Level Three GRBCC

PRODUCTIZATION PANEL
Developing Market-Leading Products – Strategies and Techniques for Growth Engineering
© Lanier Grand Ballroom A Level Four Hilton Americas
© June Wang (Instagram), Anna Majkowski (Pinterest), Karen Kim (Airbnb), Helena Tan (Fitbit)
© Intermediate

ORGANIZATIONAL TRANSFORMATION PANEL
PRESENTATION / LIGHTNING TALK
Mindbugs: Solving Implicit Bias in Gender and STEM
© Lanier Grand Ballroom C Level Four Hilton Americas
© Brian Nosek (Center for Open Science)
© All

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Sessions Day 2: Thursday

10:30 a.m. - 11:30 a.m.

Internet of Things / Emerging Tech Panel
Emerging Technologies: An Inside Glimpse at the Future
Kate Boeckman (Thomson Reuters), Jess Kimball Leslie (Freelance), Obi Felton (Google), Vida Ildarem (Intel Labs), Asta Roseway (Microsoft Research)

Best of ACM

Presentation / Lightning Talk

Best of Emerging Tech

Glimpse at the Future
Emerging Technologies: An Inside Glimpse at the Future

11:30 a.m. - 12:00 p.m.

Break Morning Refreshments

12:00 p.m. - 1:00 p.m.

Data Science Presentation / Lightning Talk
Tech Careers and Data Science: Presentations
General Assembly Theatre C Level Three GRBCC

Building Cross-Functional Teams to Create Innovative Data Products
Anu Tewary (Intuit)

Intermediate

Using Data Science to Increase Diversity in the Tech Workforce
Genetha A. Gray (Intel)

Beginner

Full Stack Data Science at a Startup
Diyang Tang (Stellar.org)

Beginner

Gfx Workshop
Computational Art to Introduce Computing for CS0 and Outreach

42 A Level Three GRBCC

Zoe Wood (California Polytechnic State University, San Luis Obispo), Julie Workman (California Polytechnic State University, San Luis Obispo)

Beginner

Security/Privacy Presentation / Lightning Talk
Attacks: Presentations

352 D Level Three GRBCC

Web Security: Thinking Like an Attacker
Sarah Chmielewski (MIT Lincoln Laboratory)

Intermediate

Software Engineering Panel
Beyond “Growth Hacking”: Engineering Sustainable, Scalable Growth

362 A Level Three GRBCC

Miri Puzant (Facebook), Vivian Qu (Piveter), Erica Lochheimer (LinkedIn), Molly Long (Uber), Winnie Wang (Airbnb)

Intermediate

Career Panel
Navigating Up From Rejection

320 A Level Three GRBCC

Vidyra Srinivasan (Microsoft), Cindy Burns (EMC), Josephine Kilde (University of Colorado, Boulder), Laura Ferguson (Create), Kathy Pham (U.S. Digital Service, The White House)

All

Pannel
Students, Students, and More Students: Gracefully Handling Increasing Class Sizes

320 A Level Three GRBCC

Alison N. Norman (The University of Texas, Austin), Serita Nelesen (Calvin College), Tiffany Buckley (The University of Texas, Austin)

Beginner / All

Career Panel
Career: Presentations

General Assembly Theatre A Level Three GRBCC

Exploring an Open-Source Software on Miniature Computers

370 A Level Three GRBCC

Sowmya Balasubramanian (Lawrence Berkeley National Laboratory), Mary Hester (Lawrence Berkeley National Laboratory)

Intermediate
## SESSIONS
### DAY 2: THURSDAY

### 12:00 p.m. - 1:00 p.m.

### INTERNET OF THINGS/EMERGING TECH

**PRESENTATION / LIGHTNING TALK**

**IoT and Emerging Tech:**

- General Assembly Theatre C Level Three GRBCC
- Internet of Things From A to Z
- Making Buildings Smarter with the Power of Software
- Elizabeth A. Royalty (Building Robotics, Inc)

**BEST OF PANEL**

**Green Data Centers**

- 340 A Level Three GRBCC
- Heather Clancy (GreenBiz), Joyce Dickerson (Google), Jennifer Fraser (Twitter), Christina Page (Yahoo!), Rachel Peterson (Facebook)

### 1:00 p.m. - 2:00 p.m.

**LUNCHES AND RECEPTIONS**

- LGBT Lunch
- Lanier Grand Ballroom J-K Level Three GRBCC

- **Research Labs Lunch**
- 350 D Level Three GRBCC

- **Nonprofit Challenges of Deploying IoT Technology**
  - Raquel Romano (Google)
  - Beginner

- **PRODUCTIZATION**
  - **PRESENTATION / LIGHTNING TALK**
  - ITS Productization: Dorothy Graham
  - George Bush Grand Ballrooms A-C Level Three GRBCC
  - Intelligent Mistakes in Software Test Automation
  - Dorothy Graham (Independent Software Testing Consultant)

### 1:00 p.m. - 2:00 p.m.

**LUNCHES AND RECEPTIONS**

- **ACM Student Research Competition Undergraduate Finals**
  - Undergraduate finalists from the Student Research Competition present their posters.
  - Town Hall, Community Fair, Halls A-C Level One GRBCC

### 2:30 p.m. - 3:30 p.m.

### DATA SCIENCE

**PRESENTATION / LIGHTNING TALK**

**Applications Using Social Network Data:**

- General Assembly Theatre C Level Three GRBCC
- Virality At BuzzFeed Data Science
  - Anita Mehrrota (BuzzFeed)
  - Intermediate
- Follow, #hashtag and @mention: Mining Social Media for Disaster Response
  - Danielle Shah (MIT Lincoln Laboratory)
  - Intermediate
- Using Big Data to Determine Social Network Offline Sales Impact
  - Rowan Vasquez (Twitter)
  - Intermediate
- Societal Trends: Growth of Data or Growth in Society
  - June Andrews (LinkedIn)
  - Intermediate

### 2:30 p.m. - 3:30 p.m.

**LUNCHES AND RECEPTIONS**

- **GFX:**
  - Presentations
  - 351 A Level Three GRBCC
  - How Online Video Streaming Works?
    - Mingfei Yan (Microsoft)
    - Beginner
  - Visual Analytics for Medical Imaging: Focusing on the Spleen
    - Ievgeniia Gutenko (Stony Brook University)
    - Intermediate
  - Dorpa Robotics Challenge
    - Ying Lu (Rensselaer Polytechnic Institute)
    - Beginner
  - GAMMA: Interdisciplinary Game Development in a University Setting
    - Sarah Abraham (University of Texas, Austin)
    - Intermediate

### 3:30 p.m. - 4:30 p.m.

### SECURITY/PRIVACY

**PRESENTATION / LIGHTNING TALK**

**Defenses:**

- 361 A Level Three GRBCC
  - Unwanted Software: Google’s Efforts to Protect Users From Malicious Intent
    - Elisabeth Morant (Google)
    - Intermediate
  - (Near) Real Time Attack Monitoring on System Landscapes
    - Kathryn Nos (SAP SE)
    - Intermediate
  - Hunting APT 28 in Your Fleet with Open Source Tools
    - Elizabeth Schwengsner (Google)
    - Intermediate
  - Intel® Device Protection Technology with Boot Guard
    - Shreesta Selia (Intel)
    - Intermediate

### CAREER WORKSHOP

**Five Essentials to Rock Your Job Interview**

- 310 D Level Three GRBCC
- 30 A Level Three GRBCC
- Enhancing Your Skills Through Nonprofit Boardrooms
  - Senior Women, Mid-Career and Early Career

### CAREER PANEL

**Enhancing Your Skills Through Nonprofit Boardrooms**

- 20 A Level Three GRBCC
- Julie Shannan (Girlstart), Angela Nickels (IBM), Stacy Hock (Joel and Stacy Hock Fund), Vanessa Jameson (Covey), Reena Sinhal Lee (Google)
- Senior Women, Mid-Career and Early Career
SESSIONS    DAY 2: THURSDAY

2:30 p.m. - 3:30 p.m.

CAREER

Diverse Paths to Teaching and Research at Liberal Arts Colleges
- 322 A Level Three GRBCC
- Janet Davis (Grennell College), Sorelle Frieder (Haverford College), Sherri Gaings (Carleton College), Darakhshan Mir (Wellesley College)
- Students and Early Career / All

PRESENTATION / LIGHTNING TALK

Maternity Leave Survival Guide
- Hall A3 Level Three GRBCC

WORKSHOP

Herding Cat GIFs – Learning Scrum by Doing Scrum
- Lanier Grand Ballroom A Level Four Hilton Americas
- Theresa Huth (WP Engine), Anna Elering (Rackspace)
- Beginner

INTERNET OF THINGS/EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Presentations
- General Assembly Theatre B Level Three GRBCC
- Caching-Assisted Access to Vehicular Resources in the IoT Era
- Sherin Abdalmoh (Queen’s University, School of Computing)
- Intermediate

LIVING SMarter and Better in a Connected World
- Alex LeVich (Facebook)
- Intermediate

Wireless Network Systems for Monitoring Human Health
- Suryadip Chakraborty (University of Cincinnati)
- Intermediate

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Social Network Applications: Presentations
- General Assembly Theatre C Level Three GRBCC
- Collaborating on GitHub for Open Source Documentation
- Anne Gentle (Rackspace)
- Intermediate

Aastha Jain (LinkedIn)

BEST OF

PANEL

Building and Testing Accessible Mobile Applications
- 340 A Level Three GRBCC
- Ramya Sethuraman (Facebook), Kamilah Taylor (LinkedIn), Clare Kasemset (Apple), Veneta Tashiev (Google), Elle Waters (Simply Accessible)
- Intermediate

OPEN SOURCE

PRESENTATION / LIGHTNING TALK

Open Source: Presentations
- 370 A Level Three GRBCC
- Best Practices for Releasing and Choosing Open Source Software
- Irene Ros (Rackspace)
- Intermediate

Aastha Jain (LinkedIn)

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Social Network Applications: Presentations
- General Assembly Theatre C Level Three GRBCC
- Collaborating on GitHub for Open Source Documentation
- Anne Gentle (Rackspace)
- Intermediate

Aastha Jain (LinkedIn)

INTERESTED

PANEL

Organizational Transformation: Fixing the Leaky Pipeline: Unleashing the Power of Community
- Halls D-E Level One GRBCC
- Vishal Subramanian (Girls Who Code), Maxine Williams (Facebook), Chelsea Clinton (Clinton Foundation)
- Beginner / All

2:40 p.m. - 3:40 p.m.

SPECIAL SESSIONS

PRESENTATION / LIGHTNING TALK

ACM Student Research Competition Graduate Finals
- Graduate finalists from the Student Research Competition will present their posters
- Town Hall, Community Fair, Halls A-C Level One GRBCC

3:00 p.m. - 5:00 p.m.

SPECIAL SESSIONS

Creating New User Experiences With IoT (Tech Node)
- 371 A – C Level Three GRBCC
- Liz Centoni (Cisco), Judy Priest (Cisco), Jeanne Albrecht (Williams College)

SPECIAL SESSIONS

Empowering Workers Using Machine Intelligence (Tech Node)
- 371 D – F Level Three GRBCC
- Mary Hamilton (Accenture Technology Labs)

3:30 p.m. - 4:00 p.m.

BREAKS

Afternoon Refreshments

3:45 p.m. - 4:45 p.m.

ORGANIZATIONAL TRANSFORMATION

PANEL

Fixing the Leaky Pipeline: Unleashing the Power of Community
- Halls D-E Level One GRBCC
- Vishal Subramanian (Girls Who Code), Maxine Williams (Facebook), Chelsea Clinton (Clinton Foundation)
- Beginner / All

4:00 p.m. - 5:00 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Social Network Applications: Presentations
- General Assembly Theatre C Level Three GRBCC
- Collaborating on GitHub for Open Source Documentation
- Anne Gentle (Rackspace)
- Intermediate

UNDERSTANDING

PANEL

Understanding User and Community Dimensions on Reddit
- Pinar Yanardag (Purdue University)
- Intermediate

A/B Testing Challenges in Large Scale Social Networks
- Ya Xu (LinkedIn)
- Intermediate

WORKSHOP

Accessible Design: Breaking Barriers Between Disability and Digital Interfaces
- 342 A Level Three GRBCC
- Yvonne So (Intuit)
- Beginner

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SESSIONS    DAY 2: THURSDAY

4:00 p.m. - 5:00 p.m.

ARTIFICIAL INTELLIGENCE
PRESENTATION / LIGHTNING TALK
Artificial Intelligence: Presentations
4 362 A Level Three GRBCC
From Planes to UAS: Safe, Automated Air Traffic Control
Mary Odabashian (SAP)
★ Beginner
User Latent Preference Model for Better Downside Management
Jian Wang (LinkedIn)
★ Advanced
Location: 351 A Level Three GRBCC

CAREER
PRESENTATION / LIGHTNING TALK
Career: Presentations
4 320 A Level Three GRBCC
Certain Truths Hold True to Your Success
Mary Odabashian (SAP)
★ Students, Mid-Career and Early Career
A Tale of Moving Cities, Starting Jobs and Being Pregnant
Daniela Rivera (DocuSign)
★ Students, Mid-Career and Early Career
Antidotes for Workplace Paradox
Mindy Or (ThoughtWorks)
★ Students and Early Career
Enter Engineering at Any Age
Patricia Estridge (Betterment)
★ Students and Early Career
Location: 351 A Level Three GRBCC

COMMUNITY
WOMEN LEAD IN OPEN SOURCE
Presentations
4 332 A Level Three GRBCC
My Journey From a Fashion Model to a Chief Technologist
Kan Tang (HP)
★ Students, Mid-Career and Early Career
The Leadership Puzzle: Simple Pieces, Difficult Connections
Denise Cox (NetApp)
★ All
Location: 351 A Level Three GRBCC

PRODUCTIZATION
PRESENTATION / LIGHTNING TALK
Product Strategy/Design: Presentations
4 Lanier Grand Ballroom A Level Four Hilton Americas
Human-Centered Technology
J. Julie M. Norvillas (LinkedIn)
★ Beginner
Get Real to Get It Right: Letting Your Customers Lead
Doris Daif (American Express)
★ Intermediate
Let Users Drive Product Roadmap Strategy, Meet User Research
Anisha Jenkins (Inkling), Ariane Jansen (Salesforce.com)
★ All
Location: 351 A Level Three GRBCC

SESSIONS    DAY 2: THURSDAY

4:00 p.m. - 5:00 p.m.

OPEN SOURCE
PRESENTATION / LIGHTNING TALK
Open Source: Presentations
4 370 A Level Three GRBCC
Radical Decentralization: Using the Power Law to Cultivate Community
Jade Wang (Sandstorm Development Group)
★ Intermediate
The Evolution of OpenStack
Malini K. Bhandaru (Intel)
★ Intermediate
Why Should Chip Companies Do Upstream Linux Development?
Kathy Gori (Qualcomm)
★ Advanced
Location: 351 A Level Three GRBCC

HUMAN-CENTERED TECHNOLOGY
PRESENTATION / LIGHTNING TALK
IoT and Emerging Tech: Presentations
4 Universal Hilton of the Americas
Make Things Think
Bhagyashrini K (SAP Labs, India)
★ Intermediate
Designing for Safety
Arpita Shetty (PwC)
★ Intermediate
IoT Platform to Connect Remote Device to the Internet
Kavitha Santhana Lakshmi (SAP Labs)
★ Intermediate
Location: 351 A Level Three GRBCC

GENERAL SESSIONS
PRESENTATION / LIGHTNING TALK
Thursday Afternoon Plenary
Sheryl Sandberg and Rachel Thomas will discuss Lean In and other issues that are top of mind for women in tech.
Location: 351 A Level Three GRBCC

ANITA BORG INSTITUTE 2015 Grace Hopper Celebration of Women in Computing #OurTimeToLead
SESSION HIGHLIGHTS    DAY 3: FRIDAY

The final day of GHC culminates with a rich array of sessions covering technical topics, community building, film screenings and an evening of celebration! This day truly spotlights the remarkable women gathered together to learn, connect and inspire each other.

GET INSPIRED

8:30 a.m. – 10:00 a.m.
Take a deep dive into the technology behind robotics and other artificial intelligence at Friday’s keynote, given by Manuela Veloso, the Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University.

Also, please join us in recognizing Joanne Cohoon, winner of the A. Richard Newton Educator ABIE Award, and Lydia Tapia, winner of the Denice Denton Emerging Leader ABIE Award. Both award winners will also be speaking later in the day.

GAIN EXPERTISE

10:30 a.m. – 1:00 p.m.
For students exploring the next step of their careers, the Student Opportunity Lab (SOL) offers interactive sessions to help navigate all the options, including jobs, internships, research, continuing education and more!

Come to our film screenings for some fresh on-screen inspiration from talented filmmakers. Look out for CODE, a documentary that exposes the dearth of American female and minority software engineers and explores the reason for this gender gap. Also check out Once And For All, which tells the story of the 1995 Beijing Women’s Conference, a watershed event in the global struggle for women’s rights.

GET CONNECTED

10:30 a.m. – 11:30 a.m.
Our Lean In sessions for professionals and students feature leaders from Facebook, LinkedIn, Lean In and ABI who want to “Circle Up” in support of their fellow women technologists. Engage in a connection exercise and learn the basics for running your own successful Lean In circle.

Want more time to connect with like-minded peers, mentors and future employers? Check out Speed Mentoring.

Join us in celebrating the culmination of GHC 2015 with a night of festivity!
Telle Whitney  
Anita Borg Institute President and CEO  |  PLENARY SPEAKER

Dr. Telle Whitney joined the Anita Borg Institute in 2002, and has led ABI’s substantial growth in size and impact. She held senior technical management positions with Malleable Technologies and Actel Corporation, and co-founded the Grace Hopper Celebration of Women in Computing Conference. She serves on the advisory boards of Caltech’s Information Science and Technology, California Institute for Telecommunications and Information Technology, and Illuminate Ventures. She has received ACM Distinguished Service award, CRA’s A. Nico Habermann Award for her role in founding and sustaining NCWIT, and an honorary degree from CMU, among other awards. Dr. Whitney received her Ph.D. from Caltech, and her bachelor’s degree at the University of Utah, both in Computer Science.

Manuela M. Veloso  
Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University  |  KEYNOTE

Manuela M. Veloso is the Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University. Her field of research covers Artificial Intelligence and Robotics, and she founded and directs the CORAL research laboratory, which studies autonomous agents that Collaborate, Observe, Reason, Act and Learn.

Manuela has become well known in the AI community for being the guiding force behind robot soccer, using the sport as a playing field for autonomous systems and researching how robots can observe, reason, act, cooperate and learn while playing on a field. She co-founded the RoboCup Federation and launched the first-ever games in 1997. The official goal of the RoboCup is for a robot team to defeat the human team in 2050’s World Cup.

Lydia Tapia  
2015 Winner of the Grace Hopper Celebration Denise Denton Award Winner  |  ABIE AWARD WINNER

Lydia Tapia is an Assistant Professor in Computer Science at the University of New Mexico (UNM), where she researches methodologies for the simulation and analysis of motions. She has applied these ideas to both robots and disease causing proteins as the director of the Adaptive Motion Planning Research Group. Before UNM, Lydia was a Computing Innovation Post Doctoral Fellow at the University of Texas at Austin. She received a Ph.D. from Texas A&M University and a B.S. from Tulane University. She is highly committed to introducing young scientists to research through research experiences for undergraduates and K-12 outreach.

#ABIEWINNER

Dr. Joanne McGrath Cohoon  
2015 winner of the A. Richard Newton Educator ABIE Award  |  ABIE AWARD WINNER

Dr. Joanne McGrath Cohoon is a sociologist with the rank of Full Professor in the University of Virginia’s department of Engineering & Society. She has researched the gender imbalance in computing for almost twenty years, and put this knowledge into practice, particularly through her work with the National Center for Women and Information Technology (NCWIT). As a Senior Research Scientist for NCWIT, Joanne promotes diversity and equity by improving the practices of institutions that educate and employ computing professionals. In other words, she works to change the system, not the women.

#ABIEWINNER

Grady Booch  
Chief Scientist for Software Engineering at IBM Research  |  INVITED TECHNICAL SPEAKER

Grady Booch is Chief Scientist for Software Engineering at IBM Research. Having originated the term and the practice of object-oriented design, he is best known for his work in advancing the fields of software engineering and software architecture. A co-author of the UML, a founding member of the Agile Alliance, and a founding member of the Hillside Group, Grady has published six books and several hundred technical articles, including an ongoing column for IEEE Software. Grady is also a trustee for the Computer History Museum. He is an IBM Fellow, an ACM and IEEE Fellow, was awarded the Lovelace Medal in 2012, and has given the Turing Lecture for the BCS. He is currently deeply involved in the development of cognitive systems, and is also developing a major trans-media documentary for public broadcast on the intersection of computing and the human experience.

Lydia Tapia  
2015 Winner of the Grace Hopper Celebration Denise Denton Award Winner  |  ABIE AWARD WINNER

#ABIEWINNER

Telle Whitney  
Anita Borg Institute President and CEO  |  PLENARY SPEAKER

Dr. Telle Whitney joined the Anita Borg Institute in 2002, and has led ABI’s substantial growth in size and impact. She held senior technical management positions with Malleable Technologies and Actel Corporation, and co-founded the Grace Hopper Celebration of Women in Computing Conference. She serves on the advisory boards of Caltech’s Information Science and Technology, California Institute for Telecommunications and Information Technology, and Illuminate Ventures. She has received ACM Distinguished Service award, CRA’s A. Nico Habermann Award for her role in founding and sustaining NCWIT, and an honorary degree from CMU, among other awards. Dr. Whitney received her Ph.D. from Caltech, and her bachelor’s degree at the University of Utah, both in Computer Science.
SESSIONS  DAY 3: FRIDAY

9:30 a.m. - 10:00 a.m.
GENERAL SESSIONS
PRESENTATION / LIGHTNING TALK
Friday Keynote
Halls D-E Level One GRBCC
Keynote: Manuela M. Veloso will deliver a technical keynote
Manuela M. Veloso, Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University

10:00 a.m. - 10:30 a.m.
BREAKS
Break

10:00 a.m. - 2:30 p.m.
GENERAL SESSIONS
Career and Community Fairs
Halls A-C Level One GRBCC

10:30 a.m. - 11:30 a.m.
DATA SCIENCE
PRESENTATION / LIGHTNING TALK
Data Science in Science Applications: Presentations
General Assembly Theatre C Level Three GRBCC
Data Behind the National Ignition Facility
Katie Lewis (Lawrence Livermore National Laboratory)
Intermediate
Unsupervised Learning: Detecting Events in Earth Dam and Levee Data
Wendy D. Belcher (Colorado School of Mines)
Intermediate
Improve Spatial Planning for Economic Development with Geospatial Big Data
Haina Mao (Oak Ridge National Laboratory)
Intermediate

SECURITY/PRIVACY
PRESENTATION / LIGHTNING TALK
Cryptography: Presentations
352 D Level Three GRBCC
Query Understanding in Product Search
Tanvi Motwani (A9.com)
Intermediate
Neuroscience-Inspired Dynamic Architectures
Catherine D. Schuman (University of Tennessee, Knoxville)
Advanced
Automatic Assessment of News Authors’ Authoritativeness
Riham Mansour (Microsoft Research)
Advanced

SOFTWARE ENGINEERING
PRESENTATION / LIGHTNING TALK
ITS Software Engineering: Grady Booch
George Bush Grand Ballrooms A-B Level Three GRBCC
The Thread and the Loom
Grady Booch (IBM)

11:30 a.m. - 12:30 p.m.
GENERAL SESSIONS
FACULTY PRESENTATION / LIGHTNING TALK
Faculty: Presentations
320 A Level Three GRBCC
Teaching Technical Concepts Using Gamified Curriculum
Melissa Sisco (CA Technologies)
Intermediate
Designing Simulations: Childbirth Support and Deep Space Network Operations
Alexandra Holloway (Jet Propulsion Laboratory, Caltech)
Beginner
Show Me the Money: Simplifying Mobile Expenses
Wei Sh (Workday)
Beginner

12:30 p.m. - 1:30 p.m.
GENERAL SESSIONS
CAREER PANEL
Bringing Your Whole Self to Work as an Underrepresented Woman in Computing
333 C Level Three GRBCC
Mirkeya Capellán (Mercedes-Benz USA), Katie Sullivan (Microsoft), Raquel Romano (Google), Blanca Polo (Adobe), Tanmara Combs (Serendipity Interactive)

1:30 p.m. - 2:30 p.m.
SESSIONS  DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.
CAREER PANEL
Accelerating and Funding Women Entrepreneurs
General Assembly Theatre A Level Three GRBCC
Melinda Brana Epler (Change Catalyst), Kat Manalac (Bochra Community College of New Mexico State University)
Intermediate

SOFTWARE ENGINEERING
PRESENTATION / LIGHTNING TALK
IT5 Software Engineering: Grady Booch
George Bush Grand Ballrooms A-B Level Three GRBCC
The Thread and the Loom
Grady Booch (IBM)
CAREER WORKSHOP
Authenticity 2.0: Your Story as a Unique Access to Leadership
310 D Level Three GRBCC
Cheryl Hunter (The Hunter Group)
Senior Women and Mid-Career
SESSIONS  DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.

OPEN SOURCE

Securing Open Source Software
- 370 A Level Three GRBCC
- Allison Miller (Google), Terri Oda (Intel Open Source Technology Center), Leigh Honeywell (Heroku), Valerie A. Fenwick (Oracle)

10:30 a.m. - 11:30 a.m.

PANEL

Change Agent and Social Impact
ABIE Award Winners - FABIEWINNER
- 3A0 A Level Three GRBCC
- Maria Celeste Medina and Mai Abualkasem Tenraz, 2015 Winners of the Change Agent ABIE Award
- Michal Segalov and Daniela Rajman, 2015 Winners of the Social Impact ABIE Award

10:30 a.m. - 11:30 a.m.

PRESENTATION / LIGHTNING TALK

What Can I Do With a Computer Science Degree?
- Sharon Tam (VMware)

Computational Molecular Biophysics - Design Your Future
- Jeffrey Gray (Johns Hopkins University), Osana Lutung (University of Texas, Austin)

A Day in the Life of an SE
- Jennifer Green (VMware)

Achieving Technical Eminence and Career Building with Open Source
- Andrew Hately (IBM), Liza Kueper (IBM)

Careers in Intellectual Property Law
- Julie Akhter (Microsoft)

Cyber Security - It’s THE Place to Be
- Rinki Sethi (Intuit), Baat Enosh (VMware)

Careers in Intellectual Property Law
- Andrew Hately (IBM), Liz Kueper (IBM)

SESSIONS  DAY 3: FRIDAY

11:30 a.m. - 12:00 p.m.

breaks

Digital Service

Cybersecurity?
- Ermin Foo (EY), Pooja Dhall (IBM), Sana Zaman (Tata Communications)

Increasing Honesty in Airbnb Reviews
- Elena Grewal (Airbnb)

Using Rule Ensembles to Predict Credit Risk
- E. Diane Chang (Intuit)

How Do You Define User Value? A Data Science Perspective
- Cypriane Palma Tolu Onireti (Cisco), Tolu Onireti (Cisco), Alka Gupta (Cisco)

Graduating to the Corporate World
- Cindy Burns (EMC), Vidya Srivanasan (Microsoft)

12:00 p.m. - 1:00 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Diverse Industry Applications: Presentations
- General Assembly Theatre C Level Three GRBCC

Increasing Honesty in Airbnb Reviews
- Elena Grewal (Airbnb)

Using Rule Ensembles to Predict Credit Risk
- E. Diane Chang (Intuit)

How Do You Define User Value? A Data Science Perspective
- Cypriane Palma Tolu Onireti (Cisco), Tolu Onireti (Cisco), Alka Gupta (Cisco)

Graduating to the Corporate World
- Cindy Burns (EMC), Vidya Srivanasan (Microsoft)
SESSIONS  DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

SOFTWARE ENGINEERING

PRESENTATION / LIGHTNING TALK
Software Engineering: Presentations
362 A Level Three GRBCC
MongoDB Elastic and Hadoop The What When How
Kimberly Wilkins (Rackspace, ObjectRocket)
Intermediate

FACULTY

Strategies for Creating Equitable and Effective Classrooms: Lessons from Feminism
322 A Level Three GRBCC
Ellen Spertus (Mills College), Judy Goldsmith (University of Kentucky), Gopnaath Kannabiran (Indiana University, Bloomington), Colleen Lewis (Harvey Mudd College)
All

COMMUNITY

Systex Pass-It-On To #Tech4Good
332 A Level Three GRBCC
Kayra Hopkins (Michigan State University), Zaza Soriano (Johns Hopkins University Applied Physics Laboratory (APL), Thogori Karago (LinkedIn), Ann-Marie Horcher (Nova Southeastern University)
All

ORGANIZATIONAL TRANSFORMATION

WORKSHOP
Interrupting Bias to Recruit, Advance and Retain Women in Technology
Lanier Grand Ballroom A Level Four Hilton Americas
Aravinda Gollapudi (Intuit)
Intermediate

1:00 p.m. - 2:30 p.m.

CAREER

PRESENTATION / LIGHTNING TALK
Career: Presentations
General Assembly Theatre A Level Three GRBCC
Bootstrapping To Success: Techniques For Growing a Business Without Investors
Jody A. Vandergriff (WebDAM)
Senior Women and Mid-Career
How to Start a Business in 12 Hours
Elizabeth Boese (StoryLifeLines.com)
All

INTERNET OF THINGS/EMERGING TECH

PRESENTATION / LIGHTNING TALK
IoT and Emerging Tech: Lightning Talks
General Assembly Theatre B Level Three GRBCC
Sub-threshold Energy Harvesters for Biomedical Implants Applications
Meriam Gay Bautista (Macquarie University)
All

LUNCHES AND RECEPTIONS

ACM-W Council Lunch
360 C Level Three GRBCC
Latinas Lunch #ABIMEETUP
360 A Level Three GRBCC
Systers Lunch #ABIMEETUP
Ballroom of the Americas A-B Level Two Hilton Americas
Black Women in Technical Roles Lunch #ABIMEETUP
Ballroom of the Americas F Level Two Hilton Americas

Lunch is available for purchase at the convention center. Most of the lunches listed here are available on a first come, first served basis and you are welcome to join.

LUNCHES AND RECEPTIONS

GHC Sponsors Lunch
Ballroom of the Americas D-E Level Two Hilton Americas

LUNCHES AND RECEPTIONS

GHC and Ekahau Luncheon
Ballroom of the Americas A-B Level Two Hilton Americas

LUNCHES AND RECEPTIONS

Lunchtime Table Topics
Exhibit Halls B-C Level One GRBCC
Join us for interactive discussions during lunch! Some tables will have assigned topics and other tables will have open seating where you can choose a topic.
SESSIONS DAY 3: FRIDAY

2:30 p.m. - 3:30 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK
Visualization-based Analytics: Presentations

- General Assembly Theatre C Level Three GRBCC
- Visibility Into Endpoint Interactions With Tapestry
- Sandhya Narayan (Infoblox) Intermediate
- A Ranking Framework for Small Multiple Displays
- Anushka Anand (Tableau Research) Intermediate
- Discovering Amdr Profiles Using Segmentation Of Ctc Images
- Susannah Go (University of Nebraska, Omaha) Intermediate

SOFTWARE ENGINEERING

WORKSHOP

Reactive, Responsive and Real-Time: Building Mobile-ready Apps With Meteor

- 342 A Level Three GRBCC
- 362 A Level Three GRBCC
- Nitya Narasimhan (Meteor Hudson Valley) Intermediate

DATA SCIENCE

FACULTY

What’s the Science in Data Science?

- 362 A Level Three GRBCC
- Anna Smith (Rent the Runway), Claudia Perlich (University of Nebraska, Omaha)
- Joanne Cohoon (University of Virginia), Lydia Tapia (University of New Mexico)
- Innovative Teaching Practices To Attract Girls and Women to Computing
- Ramya Sethuraman (Facebook), Anshu Khilnani (Box), Elena Grewal (Airbnb), Michelle Leahy (Anaia Borg Institute)
- Afternoon Refreshments

3:30 p.m. - 5:00 p.m.

SPECIAL SESSIONS

Documentary—Once And For All

- Lanier Grand Ballroom C Level Four Hilton Americas

3:30 p.m. - 4:00 p.m.

BREAKS

Afternoon Refreshments
### SESSIONS  DAY 3: FRIDAY

**4:00 p.m. - 5:00 p.m.**

**GENERAL SESSIONS**

**PRESENTATION / LIGHTNING TALK**

**Friday Afternoon Plenary**

Hear from the always-inspiring Telle Whitney, Anita Borg Institute President and CEO.

iLuminate kicks off the Friday festivities with a glowing performance.

- Halls D-E Level One GRBCC
- Telle Whitney (Anita Borg Institute President and CEO)

**5:00 p.m. - 5:30 p.m.**

**BREAKS**

Break

**5:30 p.m. - 6:30 p.m.**

**GENERAL SESSIONS**

**ABI Communities**

- Lanier Grand Ballroom G Level Four Hilton Americas

**6:30 p.m. - midnight**

**Friday Night Celebration**

Our Time to Celebrate!

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- TBA
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Blake Irving, GoDaddy CEO

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`var humans['all'] = [

'0^0-0' , '\(\cdot\cdot\)' , ', o o ' , '-(\cdot\cdot\)' ,
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$braintree.include(humans['all']);`

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Meet the women who are transforming technology. ABI brings women in computing together, giving organizations access to great ideas and top talent.
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- Post open opportunities to our career board
- Increase your competitiveness

BE INSPIRED
Discover the stories of women who are leading technology innovation. ABI showcases individuals and organizations where women in technology can thrive.
- Discover women who are making a difference at anitaborg.org and our blog on Medium
- Check out our Leadership Index of Top Companies creating technical organizations that are welcoming to women

GET EXPERT HELP
When you keep your technology skills current, your market value soars. ABI helps you take the steps you need to grow your career and gain new skills.
- Join an ABI Lean In circle
- Explore solutions for retaining women in computing
- Build your résumé by volunteering at one of our events
- Learn how the ABI Top Companies of 2015 are upping their Tech I.Q.

HONE YOUR STRATEGY
Design your workforce for peak performance. ABI provides guidance on how to find, empower, and advance women in technology roles.
- Discover solutions for retaining women in technical roles
- Nominate a woman from your organization for an ABIE award
- Contact us about how we can consult with you directly
- Look for our new white paper on Advancement at anitaborg.org/insights-tools/

KEEP THE GHC GLOW YEAR-ROUND.
Stay connected through ABI Local, Systers and other ABI communities.
Find out more: gracehopper.org/community

RAISE YOUR TECHNOLOGY INNOVATION QUOTIENT
What’s your Tech I.Q.? ABI provides research, insights, and benchmarking that help organizations attract women in technology to build balanced teams and accelerate innovation.
- Find out your Tech I.Q. by participating in ABI Top Companies for Women Technologists. ABI is committed to increasing the percentage of women in technology roles, and to that end, we measure what matters. Know where you stand. Find out how you rate on attracting, retaining and advancing women in technology roles. Know your strengths and discover which areas you need to improve on.
- Learn how the ABI Top Companies of 2015 are upping their Tech I.Q.

PICTURED ABOVE: Maria Klawe (President, Harvey Mudd College), Megan Smith (Chief Technology Officer, United States of America) and Telle Whitney (President & CEO, Anita Borg Institute) at the 2014 Grace Hopper Celebration of Women in Computing
New Sessions

Wednesday, October 14

Fun With Machine Learning! (Tech Node)
1:00 p.m.-3:00 p.m.
371 A - C Level Three GRBCC
Jennifer Marsman (Microsoft), Lauren Tran (Microsoft)

Student Node
10:00 a.m. – 8:00 p.m.
Balcony D, Level Two, GRBCC

Thursday, October 15

Fun With Machine Learning! (Tech Node)
11:00 a.m.-1:00 p.m.
371 A - C Level Three GRBCC
Jennifer Marsman (Microsoft), Lauren Tran (Microsoft)

LGBTQ-A Lunch
1:00 p.m.-2:30 p.m.
Lanier Grand Ballroom J-K Level Four Hilton Americas

Corrections and Modifications

Wednesday, October 14

Empowering Workers Using Machine Intelligence (Tech Node)
1:00 p.m.-3:00 p.m.
371 D – F Level Three GRBCC
Mary Hamilton (Accenture Technology Labs), Tracy Hammond (Texas A&M University)

Student Opportunity Lab: CRA-W: How to Successfully Apply to Graduate School
10:30 a.m.-1:00 p.m.
Hall A3 Level Three GRBCC
Dilma Da Silva (Colorado School of Mines), Katie Siek (Colorado School of Mines), Devika Subramanian (Colorado School of Mines)

Student Opportunity Lab: CRA-W: Is Graduate School for You?
10:30 a.m.-1:00 p.m.
Student Opportunity Lab: **The Internship Decision: Finding the One for You**
10:30 a.m.-1:00 p.m.
Hall A3 Level Three GRBCC
Veni Johanna (Quora), Victoria Lai (Palantir Technologies)

**The Cloud: Releasing Software Into Controlled Chaos**
10:30 a.m.-11:30 a.m.
Lanier Grand Ballroom A Level Four Hilton Americas
Kate Gentry (Salesforce.com), Eugene Boguslavsky (Facebook), Nicole Santiago (Honeywell), Geraldine Gray (Endiemi)

**Open Source Day: Code-a-thon for Humanity (By RSVP Only)**
10:30 a.m.-5:00 p.m.
350 D, 350 E, 350 F, 360 A, 360 C Level Three GRBCC
Tony Surma (Microsoft Disaster Response), Rosario Robinson (Anita Borg Institute), Raymond Cheng (UProxy), Lucy He (UProxy), Salome Vakhtangadze (UProxy), Carol Willing (FabLabs; Python Software Foundation), Emma Irwin (Mozilla), Egle Sigler (OpenStack), Dana Bauer (OpenStack), Rachel Leventhal (Women’s P2P), Suzy Tonini (Cloudera)

**After the Grace Hopper Celebration: Building and Sustaining Community**
12:00 p.m.-1:00 p.m.
320 A Level Three GRBCC
Arezoo Miot (TechWomen), Josephine Ndambuki, Rosario Robinson (Anita Borg Institute), Alaa Fatayer (Jawwal), Jody Mahoney (Anita Borg Institute)

**Design for All**
12:00 p.m.-1:00 p.m.
361 A Level Three GRBCC
Robin N. Brewer (Northwestern University), Deana Brown (Georgia Institute of Technology), Shari Trewin (IBM), Ramya Sethuraman (Facebook)

**Diversify Your Hiring Pipeline: A How-to Guide**
12:00 p.m.-1:00 p.m.
Lanier Grand Ballroom C Level Four Hilton Americas
Joelle Emerson (Paradigm), Mimi Fox Melton (CODE2040), Michelle McHargue (Cowboy Ventures), Caroline Simard (Clayman Institute for Gender Studies, Stanford University), Kieran Snyder (Textio)

**CRA-W Grad Students: Finding a Research Topic**
2:15 p.m.-3:15 p.m.
CRA-W: What’s Next? Career Success Post-Tenure
2:15 p.m.-3:15 p.m.
332 C Level Three GRBCC
Jan Cuny (National Science Foundation), Mary Lou Soffa (University of Virginia)

Meetup Celebrating LGBTQ in Technical Roles
6:30 p.m.-9:00 p.m.
Ballroom of the Americas F Level Two Hilton Americas

POSTER SESSION: SPARQL Query Optimization Using Cardinality Estimates
6:30 p.m.-9:00 p.m.
Praveen Rao (University of Missouri – Kansas City)

Thursday, October 15

#WomenInTech Lead Through Systerhood
10:30 a.m.-11:30 a.m.
332 A Level Three GRBCC
Rosario Robinson (Anita Borg Institute), Pamela Vickers (Blue Bottle Coffee), Natalie Villalobos (Google), Carol Willing (FabLabs; Python Software Foundation)

Identity & Access Management: Who is Touching What?
10:30 a.m.-11:30 a.m.
361 A Level Three GRBCC
Laura Chapa (Bank of America)

Leading the Next Generation: Anna and Elsa Make Technology Fun
12:00 p.m.-1:00 p.m.
332 A Level Three GRBCC
Ann-Marie Horcher (Nova Southeastern University), Barbara Hewitt (Texas State University), Stephanie Taylor (Google)

Green Data Centers
12:00 p.m.-1:00 p.m.
340 A Level Three GRBCC
Heather Clancy (GreenBiz), Jennifer Fraser (Twitter), Christina Page (Yahoo!), Rachel Peterson (Facebook)

Women Tech Leaders in Government
2:30 p.m.-3:30 p.m.
332 A Level Three GRBCC
Kathy Pham (U.S. Digital Service), Audrey Chen (Consumer Financial Protection Bureau), Sheila Campbell (Peace Corps), Sarah Allen (18F), Vivian Graubard (U.S. Digital Service)

**Empowering Workers Using Machine Intelligence (Tech Node)**
3:00 p.m.–5:00 p.m.
371 D – F Level Three GRBCC
Mary Hamilton (Accenture Technology Labs), Tracy Hammond (Texas A&M University)

**Friday, October 16**

**Documentary—CODE: Debugging the Gender Gap**
10:00 a.m.–1:00 p.m.
Lanier Grand Ballroom K Level Four Hilton Americas
Robin Hauser Reynolds (Producer/Director), Auguste Goldman (GoDaddy)

Student Opportunity Lab: **Checking out a Career in Cybersecurity?**
10:30 a.m.–1:00 p.m.
Hall A3 Level Three GRBCC
Tolu Onireti (Cisco), Lisa Bobbitt (Cisco), Alka Gupta (Cisco), Sunitha Kumar (Cisco)

**Coding as a Second Language: Nontraditional Paths to Software Engineering**
10:30 a.m.–1:00 p.m.
Hall A3 Level Three GRBCC
Stephanie Chou (AppDynamics), Stella Cotton (Indiegogo)

Student Opportunity Lab: **Cyber Security – It’s THE Place to Be**
10:30 a.m.–1:00 p.m.
Hall A3 Level Three GRBCC
Rinki Sethi (Intuit)

Student Opportunity Lab: **Coding as a Second Language: Nontraditional Paths to Software Engineering**
10:30 a.m.–1:00 p.m.
Hall A3 Level Three GRBCC
Stella Cotton (Indiegogo), Stephanie Chou (AppDynamics), Ashley Lorden (Lyft)

**Change Agent and Social Impact ABIE Award Winners**
10:30 a.m.–11:30 a.m.
340 A Level Three GRBCC
María Celeste Medina and Mai Abualkas Temraz, *2015 Winners of the Change Agent ABIE Award*
Michal Segalov and Daniela Rajman, 2015 Winners of the Social Impact ABIE Award

_Moderator_: Beth Garriott (Women Enhancing Technology; Institute of International Education)

**Queer Women in Technology**

10:30 a.m. - 11:30 a.m.

Lanier Grand Ballroom C Level Four Hilton Americas

Caroline Clark (Atlassian), Dominique DeGuzman (Twilio), Leanne Pittsford (Lesbians Who Tech)

**ABI.Local - Session 1: Building an ABI.Local Community From Scratch**

10:30 a.m. - 12:00 p.m.

335 B-C Level Three Hilton Americas

Sejal Amin (Thomson Reuters), Sinead Strain (Goldman Sachs), Claudia Galvan (Anita Borg Institute)

**Spark it Up! Data Science at Scale using Apache Spark**

12:00 p.m. - 1:00 p.m.

351 A Level Three GRBCC

Shivani Rao (Box), Stephanie Rogers (Pinterest), Vida Ha (DataBricks), Juliet Houglan (Cloudera), Kay Outershout (University of California, Berkeley)

**Denice Denton Emerging Leader and A. Richard Newton Educator ABIE Award Winners**

2:30 p.m. - 3:30 p.m.

322 A Level Three GRBCC

_The Best Piece of Advice You’ve Ever NOT Gotten_, Lydia Tapia (University of New Mexico)

_Innovative Teaching Practices to Attract Girls and Women to Computing_, Lecia Barker (University of Texas, Austin)

**Withdrawn Sessions**

**Wednesday, October 14**

Lightning Talk: Authenticity 2.0: Your Story as a Unique Access to Leadership

10:30 a.m. - 11:30 a.m.

Student Opportunity Lab: The Art of Networking

10:30 a.m. - 1:00 p.m.

Posters

6:30 p.m. - 9:00 p.m.

- What Factors Dictate Preservation of a Ligand’s Bound Pose?
- Roadside Caching Assistance for Vehicle-Based Information Services
- Authentication of k Nearest Neighbor Queries in the Obstructed Space
- Protecting Genomic Privacy in Medical Tests using Distributed Storage
• Multi-granular Aggregation of Network Flows for Security Analysis
• A Weakly Supervised Framework for Data Stream Filtering and Summarization
• Prevent Cybercrime Against Women Through Hybrid Cloud Security System
• Efficient Cloud-based Data Reliability Solution for WBANs
• Computerized Pregnancy Educational Toolkits for Adolescent Girls
• The TagAdvisor: Luring the Lurkers to Review Web Items
• Energy-based Lifetime Maximization of Wireless Sensor Networks with Non-ideal-battery Models
• Intelligent Intrusion Detection System in Cloud
• Adaptive Buffer Resizing for Efficient Streaming Data Anonymization
• Depth Motion Coding Exploiting Spatial, Intercomponent Correlation Between Motion Vectors
• Possible Solution Approach for Safe Social Networking: Perspective of Bangladesh
• Inconsistencies in Hybrid Knowledge Bases
• MicroTS: Tissue-Specific MicroRNA Target Prediction With Application to Breast Cancer
• A Novel Approach to Spellchecking

**Thursday, October 15**

Lightning Talk: Caching-Assisted Access to Vehicular Resources in the IoT Era
2:30 p.m.-3:30 p.m.

**Friday, October 16**

**ABI.Local Session 2: Lessons Learned From the First One Day Grace Hopper’s Event in New York**
12:00 p.m.-1:00 p.m.

Lightning Talk: 5 Growth Hacks for Startups (Works for Big Biz!)
12:00 p.m.-1:00 p.m.

Student Opportunity Lab: Design for Secure Testability (DFST)
10:30-1:00 p.m.

**Career and Community Fair Guide Additions**

**Internet Society ISOC**

Career Fair Booth Number: S18
Main Website: www.internetsociety.org
Career Website: http://www.internetsociety.org/fellows-ietf
Description: The Internet Society is the trusted independent source for Internet information and thought leadership around the world. It is also the organizational home for the Internet Engineering Task Force (IETF). With its principled vision, substantial technological foundation and its global presence, the Internet Society
promotes open dialogue on Internet policy, technology, and future development among users, companies, governments, and other organizations. Working with its members and Chapters around the world, the Internet Society enables the continued evolution and growth of the Internet for everyone.

**Specific Roles for Hiring:** The Internet Engineering Task Force is the world’s premier open Internet standards-development body. The Internet Society Fellowship to the IETF is available to technology professionals, advanced IT students, and other qualified individuals from developing and emerging economies. Fellowships are available for each of the three IETF meetings held each year.
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The Grace Hopper Celebration (GHC) of Women In Computing Conference was co-founded by Dr. Anita Borg and Dr. Telle Whitney in 1994, inspired by the legacy of Admiral Grace Murray Hopper. GHC brings together the best minds in computing, and increases visibility for the contributions of women to computing. It is produced by the Anita Borg Institute and co-presented by the Association of Computing Machinery (ACM).