After Grace Hopper

In order to complete the program you must complete a follow up assignment after attending the Grace Hopper Celebration 2016:

Participate in at least two **CRA-W Virtual Undergraduate Town Halls** by May 2017.

Find more information about upcoming Virtual Undergraduate Town Halls by going to:

http://cra.org/cra-w/undergrad-town-hall-series/

CRA-W
Computing Research Association
Women

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P: 202 234 2111 F: 202 667 1066
www.cra.org info@cra.org

Summary of Activities

Please collect the presentation stamps in the daily section of the passport and the university and national labs initials in this summary section.

Any day the Expo is open:

- **Visit at least 3 universities with graduate programs**
- **Visit at least 1 national lab**

Wednesday Oct. 19, 2016:

- **Keynote: Women and the Future of Tech**
- **Visit CRA-W Booth Poster Session**
- **CRA-W GHC Research Scholars Reception**

Thursday Oct. 20, 2016:

- **Attend at least two presentations**
- **ACM Student Research Competition Undergrad Finals**
- **ACM Student Research Competition Graduate Finals**

Friday Oct. 21, 2016:

- **CRA-W GHC Research Scholars Breakfast**
- **CRA-W Tables at the Student Opportunity Lab**
- **CRA-W: The Graduate School Experience**

National Labs:

Lawrence Livermore National Laboratory
Lincoln Laboratory
Argonne National Laboratory
Berkeley Lab
Los Alamos National Laboratory
NIST
Oak Ridge National Laboratory
Pacific Northwest National Laboratory

Universities visited:

_____

_____

_____

Grace Hopper 2016 Research Scholars

PASSPORT OF ACTIVITIES

Name: _____

Email:_____

Institution: _____

Please pick up Passport Wednesday from 12-5pm
Return to CRA-W Booth after completing all activities

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Wednesday Activities

Have the presenter or GHC personnel initial in the appropriate box or next to the presentation title

Wednesday Oct. 19, 2016: **Keynote: Women and the Future of Tech** 9:00-11:30, Toyota Center Anna Patterson, Latanya Sweeney, Ginni Rometty, Alyssia Jovellanos	Wednesday Oct. 19, 2016: **Visit the CRA-W booth from 12-5pm to pick up your GHC Research Scholars welcome packet**
Wednesday Oct. 19, 2016: **Poster Session** 2:00-5:30, Hall C Visit at least 4 DREU/CREU posters, as well as 2 ACM SRC posters.	Wednesday Oct. 19, 2016: **CRA-W GHC Research Scholars Reception** 6:00-7:00, GRB 322 AB

CREU and DREU Posters:

The Impact of Quality Metrics on Communities Detected in Complex Networks - Anastasia Voloshinov, Pomona College

Human Collision Prediction in Virtual Reality - Eliza Scott, University of North Carolina at Chapel Hill

Development of a Mobile Sensor Platform for a Therapeutic Infant Smart-Mobile Device - Michelle Smith, Rhodes College

Effects of window size, presence, and view on the perceived spaciousness of a room using immersive virtual reality as a medium for experiment - Francine Lapid, Texas A&M

Voice Recognition Accuracy and Accessibility of Windows Cortana - Morgan Hood, Auburn University

1000 Genomes, 1 Approach: Analyzing Large Public Genomic Datasets using Cloud Computing - Maya Anand, Columbia University

The Infant Smart Anklet for Infants At Risk of Developing Cerebral Palsy - De'Aira Bryant, University of South Carolina, Columbia

Using an Open-Source Speech Recognition Software, CMU Sphinx's Pocketsphinx, to interface with a web-based Avatar for a Smart Home - Kira Curry, Rhodes College

See the conference schedule for the complete list of posters and presenters.

Thursday Activities

Have the presenter or GHC personnel initial in the appropriate box or next to the presentation title

Any day the Expo is open: **Visit at least 3 universities with graduate programs** **Visit at least 1 national lab**	Thursday Oct. 20, 2016: Attend at least **two of the presentations (listed below)** before the mandatory SRC undergrad finals 9:00 am -1:20 pm
Thursday Oct. 20, 2016: **ACM Student Research Competition Undergraduate Finals** 2:30-3:30, GRB 371 D-F	Thursday Oct. 20, 2016: **ACM Student Research Competition Graduate Finals** 4:00-5:00, GRB 371 D-F (Recommended)

Presentations:

9:00-9:20am GRB 310 B-C | Accurate Physics-Based Models for Biomolecular Simulations

9:00-9:20am GRB 330 A | Neuromorphic Computing: Introduction, Motivation, and Research Challenges

9:40-10:00am GRB 310 B-C | Computer Simulations for Drug Discovery

9:40-10:00am GRB 330 A | Deep Learning for Text Recognition

9:40-10:00am GRB 370 A | From Individual to Collective: Redefining User Privacy in the Internet of Things

9:40-10:00am GRB 332 A | Insecure Thoughts: Biometric EEG for the Real World

10:30-10:50am GRB 332 A | Responsible and Privacy-Preserving Cybersecurity Information Sharing Using Public Health as a Model

10:50-11:10am GRB 330 A| Anomaly Detection in Map-Reduce

10:50-11:10am GRB 332 A | Encourage Adoption by Getting at the Root of Privacy Concerns

1:00-1:20pm GRB 330 A | Engineering for the Stratosphere

Friday Activities

Have the presenter or GHC personnel initial in the appropriate box or next to the presentation title

Any day the Expo is open: **Visit at least 3 universities with graduate programs** **Visit at least 1 national lab**	Friday Oct. 21, 2016: **CRA-W GHC Research Scholars Breakfast** 8:00-9:00, GRB 322 AB
Friday Oct. 21, 2016: **CRA-W Tables at the Student Opportunity Lab** 9:00-noon, Hall A3	Friday Oct. 21, 2016: **CRA-W: The Graduate School Experience** 10:30-11:30, GRB 361 A

CRA-W Student Opportunity Labs:

Research Careers — What Are the Options? How Do I Get There? Mentor: Rita Wouhaybi, Deb Agarwal, Amina Shabbeer, Brandeis Marshall

How to Be Successful Post-Bachelor's? Mentor: Heidi Ellis, Jodi Tims, Priyanka Gopalakrishna, Valerie Barr

Is Graduate School For You? Mentor: Tanya Amert, Darakhshan Mir, Jici Huang, Amy Hughes

Master's or Ph.D.? (2 Tables) Mentor: Mary Anne Egan, Bushra Anjum, Alexa Sharp, Ambareen Siraj, Martha Crosby, Diane Woodbridge, Adrienne Decker, Suzanne Matthews

How to Successfully Apply to Graduate School? (3 Tables) Mentor: Sunita Chandrasekaran, Dilma Da Silva, Sara Sprenkle, Ying Lu, Monica Anderson, Lauren Wilcox, Jenny Walter, Boots Cassel, Jessica Wu, Soha Hassoun, Stephanie Ludi, Andrea Danyluk

What is Computing Research? How Can Undergraduates Participate? (2 Tables) Mentor: Jeannie Albrecht, Maria Gini, Marie desJardins, Ellen Walker, Nanette Veilleux, Madeline Smith, Veronica Vergara Larrea, Amy Csizmar Dalal