WOMEN IN COMPUTER SCIENCE HIGH SCHOOL DAY AGENDA  
April 8, 2016  
Introducing High School Girls to Computer Science, Computer Engineering, Chemical and Biomolecular Engineering, Mechanical Engineering and Electrical & Systems Engineering

8:30am  Breakfast and Registration  
Levine Hall Lobby

8:30-10:00am  Welcome, Meyerson B1  
Dr. Rita Powell

What do Computer Scientists and Engineers do?  
Dr. Sue Ann Bidstrup Allen, Professor, Chemical and Biomolecular Engineering (CBE)  
Dr. Susan Davidson, Professor, Computer and Information Science (CIS)  
Dr. Paulo Arratia, Associate Professor, Mechanical Engineering and Applied Mech. (MEAM)

Student project demos

WICS and Engineering Students remarks  
Andrea Baric (CIS)  
Teresa Fan (CIS)  
Britney Dorval (SSE)  
Gillian Abel (ESE)

Dream Jobs in Computer Science and Engineering Slide Show

Logistics for the day’s schedule  
Jackie Caliman

10:10-10:40am  Admissions at Penn, Meyerson B1  
Jayson Weingarten, Penn Admissions, Ellen Eckert, Penn Engineering Admissions

10:45am  Break/Snacks  
Levine Hall Lobby

11:00-11:50am  VIP Tours of Engineering Labs (Please join the tour group on your name tag)  
Engineering Labs on Tour (Please attend the tour on your name badge)  
Nanotribology Lab MEAM--Room Towne 112--Dr. Rob Carpick, Kathryn Hasz, Zac Milne  
Fluids Lab MEAM-- Room M60 Towne--Dr. Paulo Arratia, Allison Koser Patterson, David Gagnon, Boyang Qin  
Penn Electric Racing Car MEAM--Towne Basement under Development--Dr. Andrew Jackson, Michelle Isaacs  
ADDLab MEAM--187/193 Towne--Elyse Chase, Ryan Quirk, Ketsy Resendez  
Modlab MEAM--170 Towne—Dr. Mark Yim, Andrew Specian, Jun Seo  
Electronic-Photonics Microsystems Lab--211 Moore--Dr. Firooz Aflatouni, Fadricarshid Ashtiani, Pouria Sanjari  
Quantum Engineering Lab--145 Towne--Dr. Lee Bassett, Annemarie Exarhos  
Dr. Cherie Kagan lab--312 Moore--F. Scott Stinner, Han Wang  
Interfacial Phenomena Lab CBE--364 Towne--Dr. Kate Stebe, Liana Vaccari, Neha Manohar, Iris Liu, Lisa Tran  
Unit Operations Lab--Towne 116--Dr. John Crocker, Marylin Huff, Alex Evans, Anthony Carradorini  
GRASP Labs--4th floor Levine--Dr. Dan Lee, Dan Ueda, Gabriela Angulo, Heejin Jeong, B.M.Kennedy, S.Tang  
SIG Center for Computer Graphics--Dr. Norm Badler, Amy Calhoun, Kari Gilbertson, Sally Kong, Isabela Rovira  
Detkin Lab—1st floor Moore across from ENIAC lab--Sid Deliwala
12-1pm **Attend a Class** (please attend the class indicated on your name badge)

- Algorithmic Thinking: Dr. Sanjeev Khanna (CIS)—DRL 3C4
- Math for Computer Science: Dr. Max Mintz (CIS)—512 Levine
- Logical Puzzles: Undergraduate Peer Leaders, Danica Fine, Brian Hirsh and Amelie Dougherty (CIS)—309 Towne
- Doing two things at once: harnessing parallel computation: Dr. Joe Devietti (CIS and Math)—307 Levine
- Circuits and Logic: Dr. Rob Ghrist (ESE)—313 Towne
- Coding: Dr. Arvind Bhusnurmath, Teresa Fan (CIS)—ENIAC Lab Moore 100B
- Engineering Entrepreneurship: Dr. Tom Cassel (MEAM)—DRL 3C2
- Role of Chemical Engineering in Modern Society: Dr. Wen Shieh (CBE)—Towne 303
- How does the Computer understand Language? PhD student Jessy Li (CIS)—612 Levine

1-1:45pm **Lunch** - Levine Lobby, Levine 307 and 512, first and second floors of Towne hallways

1:45-2:30pm **Panel Discussion with Penn Women in Engineering** – Wu and Chen Auditorium, Levine
Panel Moderator: Michaile Rainey
Panelists: Adel Boyarsky, Allie Grey, Emily Vo, Alexis Block, Julia DiSalvio, Amelia Goodman, Elizabeth Hamp, Teresa Fan

**Tour Guides and Logistics:**

**Students:** Emma Cordano, Ada Li, Olivia Wind, Rosmary George, Chevonae Walcott, Kate Miller, Jessy Kim, Anvita Achar, Stephanie Tang, Julia Disalvio, Amelia Goodman, Andrea Baric

**Staff:** Britton Carnevali, Caitlin Coad, Cheryl Hickey, Laura Fox, Jasmin Robinson, Bria Roye, Staci Kaplan, Desirae Cesar, Nora Powell, Lamont Abrams, Ira Winston, Kilian Feeney, Amy Rees, EOS staff

**Thank you to our students, faculty and staff who make WICS High School Day for Girls possible!**

Jackie Caliman (CIS) and Rita Powell (CIS), WICS High School Day for Girls Co-Chairs