Overview:
Colleges and universities have seen a dramatic decline in enrollment and student interest in computer science in the last five years. CS4HS is a new effort by UCLA, Carnegie Mellon University, and University of Washington, to reach out to high school (and K-8) teachers with resources to help them teach computer science principles to their students in a fun and relevant way. Our presenters are experts in their field and accomplished speakers. Our goals include helping teachers explain to students the exciting possibilities available to students who go on to study computer science in college.

Possible:
Stipends available

Discussions:
- Curricular Issues
- Broadening Computer Science Appeal
- Computer Science Unplugged (Curricular material)
- Gender Issues in Computer Science

Speakers:
- Alan Kay - is a member of the National Academy of Engineering and winner of the ACM Turing award. He is internationally recognized for his early work on object-oriented programming and user interface design. He is an Adjunct Professor of Computer Science at the University of California, Los Angeles, a Visiting Professor at Kyoto University, an Adjunct Professor at the Massachusetts Institute of Technology (MIT), the president of the Viewpoints Research Institute, and until recently, a Senior Fellow at HP Labs.
- Google People – (2) committed
- Jane Margolis – Social inequality and education; the gender and race gap in computer science; high school to college equity issues: gender socialization; groupthink
- Deborah Estrin – Professor Deborah Estrin is a Professor of Computer Science with a joint appointment in Electrical Engineering at UCLA; holds the Jon Postel Chair in Computer Networks, is Founding Director of the NSF-funded Center for Embedded Networked Sensing (CENS), and the recipient of the ACM Athena award.
- Eddie Kohler – committed
- Todd Millstein - committed
- Jeff Burke – committed
- Jens Palsberg – committed

Tours:
- UCLA’s Visualization Portal Modeling Lab - committed
- UCLA’s Urban Planning Virtual Los Angeles Lab – committed
- (CENS) Labs – committed

Tentative Schedule:
Wednesday July 11th
8:30 – 9:15 Breakfast
9:15 – 9:30 welcome and introductions
10:30 – 10:45 Break
10:45 – 11:45 CS Unplugged video and activities
11:45 – 12:15 Google presentation – Josh Hyman
12:15 – 1:00 Lunch
2:00 – 2:30 CENS intro w/ Deborah
2:30 – 3:00 CENS Lab Tour
3:00-4:00 CS Unplugged video and activities
4:30 – 7:00 Wine and Light Buffet, CENS patio

**Thursday July 12**
8:30 – 9:15 Breakfast
9:00 – 9:30 Eddie Kohler—How does an OS work
9:30-10 – Todd Millstein—What is a programming language
10:00-10:30 Discussion, Moderator, Joe
10:30 Break
10:45-11:45 CS Unplugged (cont)
11:45-12:15 Google Speaker – Dan Kegel
12:15 – 1:00 Lunch
1:00 – 1:45 Jeff Burke
1:45 Walk to Portal
2:00 – 3:00 UCLA Visualization Portal Tour
3:15 – 3:45 Gender/Social Issues – Deborah Estrin, Jane Margolis
3:45-4:15 Discussion, Joe Moderate
4:15-5:00 Small group discussions of future schedule (8 groups of 5)

**Friday July 13**
8:30 – 9:15 Breakfast
9:00 – 9:45 Jens Palsberg
9:45-10:15 CS @ UCLA Discussion (student TBD)
10:15 break
10:30-12:00 CS Unplugged continued
12:00 – 1:00 Lunch
1:00 – 2:30 Virtual LA Tour
2:30 – 3:30 Discussion – Report backs and “Where Do We Go from Here?”
3:30 – 4:00 Closing and future schedule