CRA's Computing Community Consortium

Ed Lazowska

Bill & Melinda Gates Chair in Computer Science & Engineering University of Washington

Chair Computing Community Consortium

http://www.cra.org/ccc



The Computing Community Consortium is ...



- A standing committee of CRA
- Funded by NSF under a Cooperative Agreement
- Focused on empowering the computing research community to pursue more audacious research visions
- Led by a broad-based Council
- Chaired by Ed Lazowska (Ch.) and Susan Graham (V.Ch.)
- Staffed by CRA (Erwin Gianchandani and Andy Bernat)







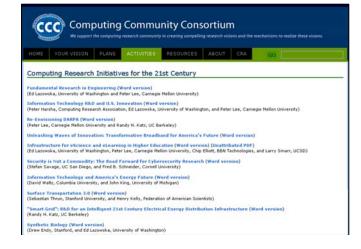




CCC's activities include ...

- Activities to increase funding of computing research; community-initiated workshops to define new research directions; computing research white papers for the White House and other groups
 - Dozens, including the future of robotics, health IT, educational technology, IT for development, broadband infrastructure, the role of large-scale data analysis in all fields, IT and energy/sustainability, ...







The Computing Innovation Fellows project

- A stimulus-motivated project
- Has placed more than 100 new graduates with postdoctoral mentors in the past 2 years
- *Max 2 rule" ensures broad institutional participation





Library of Congress Symposium for policymakers

- 13 presentations
- A great set of videos and overview papers for students!





CCC blog

Discussion of research-related topics

Computing Research Highlight of the Week

Exposure for your research-related press releases!







Landmark Contributions by Students in Computer Science

Prepared as part of the DARPA leadership transition

Landmark Contributions by Students in Computer Science Version 11: September 15, 2009

There are many reasons for research funding agencies (DARPA, NSF, etc.) to invest in the education of students. Producing the next generation of innovators is the most obvious one. In addition, though, there are an impressive number of instances in our field in which undergraduate and graduate students have made truly game-changing contributions in the course of their studies.

The inspiring list below was compiled by the following individuals and their colleagues: Bill Bonvillian (MIT), Susan Graham (Berkeley), Anita Jones (University of Virginia), Ed Lazowska (University of Washington), Pat Lincoln (SRI), Fred Schneider (Cornell), and Victor Zue (MIT).

We solicit your suggestions for additional student contributions of comparable impact – post them on the Computing Community Consortium blog, <u>http://www.cccblog.org/2009/08/28/landmark-contributions-by-students-in-computer-science/</u>, or send them to Ed Lazowska, <u>lazowska@cs.washington.edu</u>.



CCC sessions at Snowbird

CCC Workshop on Discovery and Innovation in Health IT

Monday, 10:30 a.m. - noon, Ballroom 2









Susan Graham

Deborah Estrin

Yoky Matsuoka

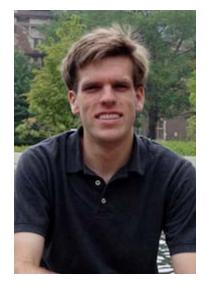
Beth Mynatt



The Computing Innovation Fellows Project

Monday, 3:30 - 5:00 p.m., Ballroom 2









Peter Lee Andrew McPherson Miriah Meyer Antonina Mitrofanova (Penn -> Drexel) (Utah -> Harvard) (NYU -> Columbia)



Achieving Sustainable Energy: New Approaches Based on the Tools of Computer Science

Monday, 3:30 - 5:00 p.m., Ballroom 3







Randy Bryant

David Culler

Illah Nourbakhsh

Shwetak Patel



Computer Science and Global Development: A New High-Impact Research Area

Tuesday, 3:30 - 5:00 p.m., Ballroom 2





Tapan Parikh

Lakshmi Subramanian

Beki Grinter



The Computing Community Consortium and You

Tuesday, 7:30 p.m., Magpie Room (CRA-Deans Meeting)



Ed Lazowska





The CCC is all of us!The CCC is part of CRA!

