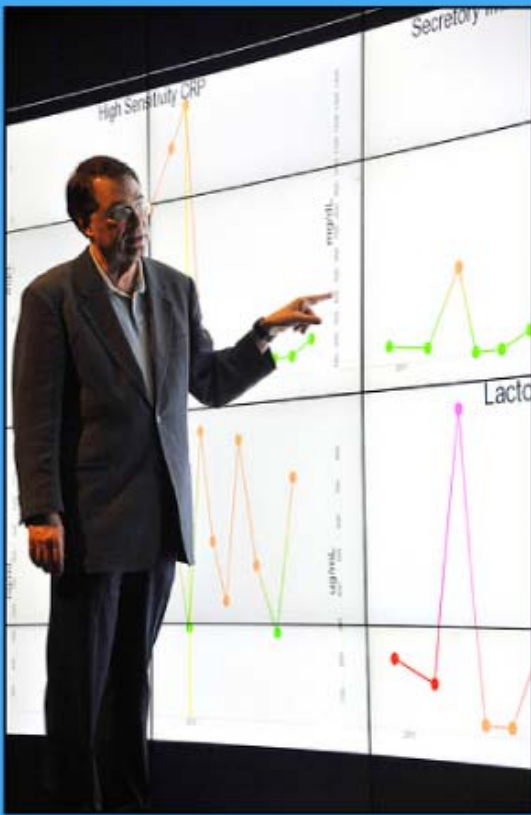


# CSE WEEKLY NEWSLETTER

FRIDAY, APRIL 5, 2013



## CSE's Larry Smarr Sees Future in 100G

High-bandwidth traffic to and from California universities, schools and research institutions is growing at what could prove to be an exponential rate. According to the Corporation for Education Network Initiatives in California (CENIC), the California Research and Education Network serving K-20 communities in the state saw its traffic hit 18 Petabytes in February 2013 -- double the rate of traffic from a year earlier. The report came on the heels of a CENIC workshop hosted by Calit2 UC San Diego on "100G and Beyond," and Calit2 Director Larry Smarr says the doubling of traffic is just the beginning. "CENIC's leadership in rapidly upgrading to 100G is critical to maintaining the competitiveness of California's research institutions," said Smarr, who is also a professor in Computer Science and Engineering. "The National Science Foundation just awarded UCSD a grant to build 10-80Gbps dedicated optical fibers across the campus connecting our data-intensive researchers. Obviously, UCSD will require a 100G connection to CENIC, and through it to the national and international research networks, to make effective use of UCSD's new Big Data Freeway system."

Get full story by going to this link.

<http://www.calit2.net/newsroom/release.php?id=2137>

## Beth Simon and Leo Porter win SIGCSE Best Paper Award



Beth Simon and Leo Porter (former UCSD PhD student, now Assistant Professor at Skidmore College) won the SIGCSE best paper award. Their paper won out of 111 accepted papers. SIGCSE was held in Denver, March 6-9, 2013. The trio of best practices refers to the changes made in CSE 8A where we have adopted Peer Instruction, pair programming, and a media computation context. The conference featured 5 other research papers on Peer Instruction, a special session demonstrating Peer Instruction and a workshop to support faculty interested in adopting Peer Instruction. The paper was: "Retaining Nearly One-Third more Majors with a Trio of Instructional Best Practices in CS1". In Proceedings of the Special Interest Group on Computer Science Education Technical Symposium, March, 2013. Great job Beth and Leo!

**Faculty  
GPS** ?



**Geoff Voelker**

traveled on 04/02-04/05 to the Networked Systems Design & Implementation (NSDI) conference.



**Rajesh Gupta**

traveled on 03/18-03/23 to attend the Design Automation & Test in Europe (DATE) conference in Grenoble, France.