



UNIVERSITY of DELAWARE

UDaily



UD senior Sean McDaniel (right) met noted researcher Gordon Bell at the Supercomputing 2014 conference.

## Engineering honors

### UD engineering faculty, students win accolades at Supercomputing 2014 conference

9:20 a.m., Dec. 12, 2014--The University of Delaware's Sean McDaniel, a senior in the Department of Computer and Information Sciences (CIS), was awarded the ACM Student Research Competition Award-Undergraduate at the Supercomputing 2014 (SC14) conference held last month at the Ernest N. Morial Convention Center in New Orleans.

McDaniel won the award for his poster, "Comparing Decoupled I/O Kernels versus Real Traces in the I/O Analysis of the HACC Scientific Applications on Large-Scale Systems."

While at the conference, McDaniel met Gordon Bell, a pioneer in high-performance computing and researcher emeritus at Microsoft Research.

The annual Supercomputing conference convenes more than 10,000 stakeholders in high-performance computing from across the world -- scientists, engineers, researchers, educators, students, programmers, system administrators and developers -- to solve the world's most pressing problems in fields from banking, to drug discovery to storm forecasting.

McDaniel was part of a team of UD College of Engineering students and faculty led by Guang R. Gao, Distinguished Professor of Electrical and Computer Engineering, and Michela Taufer, the David and Beverly J.C. Mills Career Development Chair of Computer and Information Sciences, who presented relevant research in high performance computing at the conference.

Taufer was also the Technical Program co-chair of the conference and was elected to the SC Conference Steering Committee, on which she will serve for the next three years.

UD doctoral student Stephen Herbein served on a panel of the Broader Engagement Program and advised how to submit successful research at the conference's Technical Program, and doctoral candidate Boyu Zhang presented her research at the event's Doctoral Showcase.