

2008

Summer Undergraduate Research Fellowship
in Information Technology



Symposium

August 29, 2008



Innovate. Integrate. Ignite.

California Institute for Telecommunications and Information Technology
University of California, Irvine division
4100 Calit2 Building
Irvine, CA 92697-2800

Friday, August 29, 2008

To the SURF-IT Fellows, Mentors, Family, and Friends:

Welcome to the closing symposium for the 2008 SURF-IT program. Today you will hear about research in several disciplines by some of UCI's best students.

I want to thank the SURF-IT Fellows and the faculty mentors for their research accomplishments and for their contributions to Calit2. In their daily work and in the seminars they have given, the faculty members and students have shown enthusiasm for learning and skill in conducting research. They have made this fourth year of the SURF-IT program, like the previous years, a solid success.

Thanks go also to the Undergraduate Research Opportunities Program (UROP) which oversees many similar programs on campus. The director of UROP, Said Shokair, and his staff have been our financial co-sponsor and our administrative guide from the very beginning of the program.

I hope that for the SURF-IT Fellows this summer's experience has indeed provided encouragement and a useful step toward their larger research plans and career plans. Certainly we have taken pleasure and pride in watching the progress of previous SURF-IT Fellows, most of whom are now in grad school or industry jobs. For many of this summer's Fellows these 'final' presentations will become only the first in a series of bigger and better efforts on their chosen topic, including for example participation in the campus-wide undergraduate research journal and symposium that UROP will sponsor next spring.

All of you should be very proud of what you have accomplished. Good luck to you in your future endeavors.

Sincerely,

A handwritten signature in black ink, appearing to read 'G.P. Li' with a stylized flourish at the end.

G.P. Li
Calit2 Irvine Division Director

THE RESEARCH PRESENTATIONS

9:30 Robert Simpson, Computer Science
“Human Mediated Networking”
Mentor: William Tomlinson
Informatics



9:45 Ilya Sukharnikov, Computer Science & Engineering
“HIPerWall Large-Scale Animation”
Mentor: Stephen Jenks
Electrical Engineering & Computer Science



10:00 Alex Kindel, Information & Computer Science
“Extremely Large-Scale 3D Object Viewing on HIPerWall”
Mentor: Stephen Jenks
Electrical Engineering & Computer Science



10:15 Howard Wong, Computer Engineering
“Parallelization of the Telemedicine Benchmark for the Xbox 360 Architecture”
Mentor: Jean-Luc Gaudiot
Electrical Engineering & Computer Science



10:30 Lauren Lewis, Computer Science
“FanFiction University”
Mentor: Rebecca Black
Education



10:55 Andrew Zaldivar, Psychology - Cognitive Sciences
“Firefox Environmental Sustainability Toolkit”
Mentor: William Tomlinson
Informatics



11:10 Dean Bottino, Studio Art
“Designing Computer Games that Foster Ethical Behavior in Grades 1 and 2”
Mentor: Liane Brouillette
Education



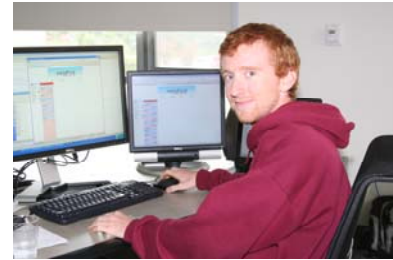
11:25 Zohrab Basmajian, Computer Science & Engineering
“Annotation, Retrieval, Synchronization and Presentation of Lecture Documents”
Mentor: Sharad Mehrotra
Computer Science



11:40 Jordan Sinclair, Informatics

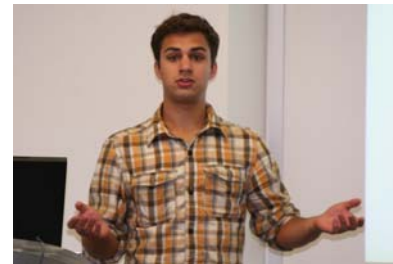
“Computational Metaphor Analysis and Visualization”

Mentor: William Tomlinson
Informatics



Could not be present:

Michael Riccobono, Olin College
“Human Mediated Networking”
Mentor: William Tomlinson
Informatics



The SURF-IT Fellows' abstracts will soon be available on the SURF-IT web site:
<http://www.urop.uci.edu/surf-it.html>

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