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Computer Science Scholarships Awarded

The department is pleased to award the following two scholarships for the coming academic year:



Daniel Goes

Thomas J. Heidenfelder Scholarship

2010-2011



Cassandra Helms

Patricia Mohlner Memorial Scholarship

2010-2011

- Faculty & Staff
- CS Directory
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CS Undergrads Showcase Research at CURC

The following undergraduate students participated in the CSU Celebrate Undergraduate Research and Creativity (CURC) Showcase on April 21:

Paul Gagliardi and Tom Stoneberg

Real-Time Game Development on a Mobile Platform
Faculty Advisor/Mentor: Elaine Regelson

Chris Campbell

Implementing and Designing a Cryptographic Chat System
Faculty Advisor/Mentor: Elaine Regelson

Josiah Haswell and Lyndsey Wright

AI Techniques for Crim Prediction
Faculty Advisor/Mentor: Michael Kirby

Alex Norton, Cody Buller, David Clutter, and Derick Disterhotf

Framework for the Ease of Parallelization
Faculty Advisor/Mentor: Bruce Draper

Ian Craig, Alex Norton, Zach Hoekstra, and David Clutter

Improving Image Retrieval Using Contextual Dissimilarity Measure
Faculty Advisor/Mentor: Bruce Draper

- Degrees
- Courses
- Schedules
- ... more choices

- Groups & Projects
- Publications
- Graduate Students

- BMAC Seminar
- ACM
- Upsilon Pi Epsilon
- ... more choices

- Labs
- Systems
- Using your PC

Computer Science Online MCS Program Cited as "Top Notch"

Our online MCS program was cited as a "top notch online degree program" by GetEducated.com in a recent IEEE article titled, "Exploring CS Degree Options, Is the online route worth the trip?" Colorado State University has had an online degree program for over 30 years and has awarded hundreds of MS degrees. Our students have gone on to work for many major computer companies. CSU has had a particularly close relationship with Hewlett Packard: CSU is one of the top five universities in the world providing employees for HP, drawing from both on-campus and online students.

Upsilon Pi Epsilon Inducts New Members

Congratulations to the 2010 inductees of the Upsilon Pi Epsilon International Honor Society for the Computing Sciences:

- Ramadan F. Abdunabi*
- Mustafa H. Al Lail*
- Richard T. Austin*
- Ruth Boyd*
- Derick H. Disterhoft*
- Daniel L. Elliott*
- Elliott M. Forney*
- Anna M. Hernandez*
- Victor N. McLane*
- Michael W. Miner*
- Gerald A. Spaid*
- Russell I. Wakefield*
- Sunny W. Wanser*
- He Yan*

Anita Read Graduate Award Winner for 2009-2010

Congratulations to **Artem Sokolov**, the winner of this year's Anita Read Graduate Award. This award is given annually to a graduate student in Computer Science with demonstrated dedication to education and excellence in teaching. The recipient is selected by the Department faculty.



For a list of past recipients, please visit our webpage for the Anita Read Graduate Award.

Computer Science Faculty Win University Awards

Congratulations to our outstanding faculty for their achievements:



Dr. Wim Bohm

CSU Board of Governors

Undergraduate Teaching Award

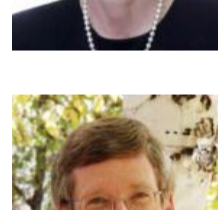
Read CSU News Release Here



Dr. Adele Howe

College of Natural Sciences

Professor Laureate Award



Dr. Ross McConnell

College of Natural Sciences

Faculty Excellence in Undergraduate Research Mentoring Award

CSU Computer Scientists Awarded Patent

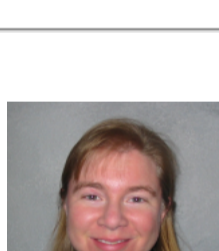
Congratulations to Dr. Sanjay Rajopadhye, Gautam Gupta, and Lakshmi Renganarayana for their patent *Switched Memory Architectures*, Licensed to non-CSU entity, Licensee: Lathrop and Gage. For more information about their patent, please follow the link below.

Patent ref: US 7412586.

Dr. Michelle Strout Wins DOE Early Career Research Program Award

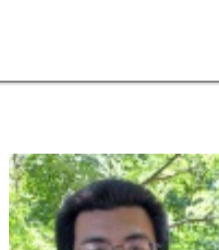
Dr. Michelle Strout has been awarded a U.S. Department of Energy Early Career Research Program Award. Her research project is titled "Separating Algorithm and Implementation via Programming Model Injection (SAIMI)" and will be funded by DOE for five years. Congratulations to Dr. Strout on this prestigious award! For more information please visit:

http://www.er.doe.gov/SC-2/early_career.htm

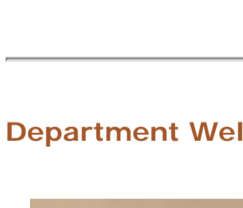


Student's Work Used in New IBM Compiler

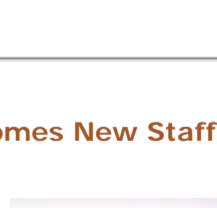
As a result of his 2008 summer internship at IBM Research, Tomofumi Yuki, a graduate student in the Department of Computer Science, has developed a method for automatically creating cost models using artificial neural networks and optimization tools to predict good tile sizes. Previously it was necessary to create models by hand, and this precluded the use of such models in production compilers. With Tomofumi's approach, the compiler can not only predict near-optimal tile sizes, but can also adapt to evolution in hardware and software that change the behavior of tiled code. This work is reported in Tomofumi's MS thesis and in a paper that he co-authored with CSU faculty Drs. Sanjay Rajopadhye and Chuck Anderson, and IBM researchers Drs. Lakshminarayanan Renganarayana (who received his Ph.D. at CSU), Kevin O'Brien, and Alexandre Eichenberger. The paper will appear in the ACM International Symposium on Code Generation and Optimization, 2010. Tomofumi's work has already been incorporated into the forthcoming release of IBM's XL compiler.



Department Welcomes New Staff



Sangmi Pallickara



Ashley Landry

We are pleased to welcome **Dr. Sangmi Pallickara** and **Ashley Landry** to the department. Dr. Pallickara joins us as a Research Scientist. Ashley Landry is our new Student Staff Assistant. She is from Addis, Louisiana and is majoring in Anthropology.

CS Students Receive Gift Award from CSU Bookstore

The department is pleased to accept an award of \$500 from the CSU Bookstore and their partner, the Follett Higher Education Group. The \$500 award was given in gratitude for the CS faculty early textbook order submission, which allowed used books to be available for student purchase. The department selected the following five students to receive \$100 each toward any purchase at the CSU Bookstore: Ben Say, Erin Nagoshi, Adam Labadorf, Brandon Schaffer, and Elliott Forney.

Fall 2009 Graduate Degrees Awarded

The Computer Science Department congratulates the following students on the completion of their graduate degrees in Fall 2009:

Master of Science

Annamalai Natarajan

Master of Computer Science

Andrew Biewer, Christelle D'cruz, Travis Gneiting, Kunal Gupta, Shashank Gupta, Jonathan Hiatt, Samuel Moczygemba, Carlos Pereira de Oliveira, Sean Wohlgermuth

RamBytes Newsletter Archives

- | | |
|---------------------------------------|------------------------------|
| Fall 2009 (PDF) | Spring/Summer 2009 (PDF) |
| RamBytes 5.2 Spring-Summer 2007 | RamBytes 5.1 Fall 2006 |
| RamBytes 4.2 Spring-Summer 2006 | RamBytes 4.1 Fall 2005 |
| RamBytes 3.2 Spring-Summer 2005 | RamBytes 3.1 Fall 2004 (PDF) |
| RamBytes 2.2 Spring-Summer 2004 (PDF) | RamBytes 2.1 Fall 2003 (PDF) |