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Recruiting Ph.D. Students for Fall 2011 through February 1!

The department is actively recruiting Ph.D. students for Fall 2011. The application deadline for funding is **February 1**. This year we will be making some Ph.D. student offers with a 5 year funding guarantee (contingent on student performance). For more information on funding your Ph.D., please click here.

The department offers exciting new and ongoing research in a broad range of research specialization areas with significant funding from a variety of sources. For more information on our research groups and projects, please click here. To learn more about our research funding sources, please click here.

Please consider joining us at our new state-of-the-art building on the CSU campus in beautiful Fort Collins, Colorado. We look forward to meeting you and helping you complete a successful and rewarding graduation education.

- Faculty & Staff
- CS Directory
- CS Userlist
- Alumni

Click here to view/print a flyer containing this information and more!

Best Student Paper Award

Congratulations to **Kate Ericson**, **Shrideep Pallickara**, and **Chuck Anderson** for winning the Best Student Paper Award at this year's IEEE Conference on Cloud Computing Technology and Science. The paper is titled, "*Analyzing Electroencephalograms Using Cloud Computing Techniques*".

Click here to read the paper

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

- Groups & Projects
- Publications
- Graduate Students

CS Faculty and Students Participate in CCWIC

The *2nd Annual Colorado Celebration of Women in Computing* was held in Golden, Colorado on November 4-5. Our department was a gold sponsor for this event. Participating institutions included: CSU, CU-Boulder, CU-Denver, Colorado School of Mines, University of Wyoming, Air Force Academy, and Colorado Technical University. There were a large number of student submissions and presentations from CSU, and our faculty and staff contributed to the event's success. Thank you to:

Dr. Ross McConnell for serving as Program Chair.
Dr. Michelle Strout and Andrew Sutton for serving on the Program Committee.
Debbie Bartlett for coordination and organization.

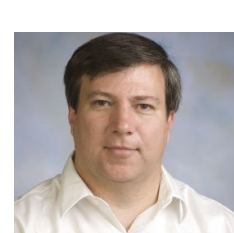
For program details visit: <http://toilers.mines.edu/ccwic10/program.php>

For event photos visit: http://toilers.mines.edu/ccwic10/group_photos/

- Colloquium
- ACM
- Upsilon Pi Epsilon
- ... more choices

- Labs
- Systems
- Using your PC

Computer Scientists Part of National Team Awarded \$7.8 Million to Next Major Internet Evolution



Professors Dan Massey and Christos Papadopoulos will receive \$750K of a 3-year NSF grant to study the routing and security of the Internet. The multi-institutional team includes Palo Alto Research Center, University of Arizona, University of Illinois, UC Irvine, University of Memphis, UC San Diego, Washington University, and Yale University. The team will look at how to create a new network architecture that is more focused on what kind of information is needed, not where it is stored. The NSF awarded grants to four teams across the country. Colorado State is part of the largest grant award and the only group from Colorado.



You may read the full news article here:

<http://www.today.colostate.edu/story.aspx?id=4454>

Dr. Chuck Anderson Awarded Grant from CSU Clean Energy Supercluster



Chuck Anderson was awarded a \$15,000 research grant from CSU's Clean Energy Supercluster in the summer of 2010. The title of the grant is "Predictive Modeling of Wind Farm Power and On-Line Optimization of Wind Turbine Control". Graduate student Minwoo Lee is working on this project with Anderson to develop new algorithms for reinforcement learning. Details of the grant are described in the Clean Energy Supercluster's Annual Report for 2009-2010 available at <http://energy.colostate.edu/>

Department Faculty Win New Research Funding Awards

Asa Ben Hur, *Collaborative Research: GOSTRUCT: Modeling the Structure of the Gene Ontology for Accurate Protein Function Prediction*, NSF.

Bruce Draper, Christopher Peterson, **Michael Kirby**, and **J. Ross Beveridge**, *Visual Intelligence through Latent Geometry and Selective Guidance*, DOD-ARPA.

Daniel F. Massey, *IRNC: SP Collaborative Research: 6 Watch: Routeviews Infrastructure for Monitoring, Tracking and Diagnosing IPv6 Deployment*, University of California, Los Angeles.

Daniel F. Massey and **Christos Papadopoulos**, *FIA: Collaborative Research: Named Data Networking (NDN)*, NSF.

J. Ross Beveridge, Geoffrey Givens, and **Bruce Draper**, *Advanced Statistical Analysis of Biometric Challenges and Evaluations*, DOD-Navy.

Michelle Mills Strout, CACHE Institute: Algorithms and Software for Communication Avoidance and Communication Hiding, CACHE at the Exascale, DOE.

Michelle Mills Strout, *Separating Algorithm and Implementation via Programming Model Injection (SAIMI)*, DOE.

Robert France, *International: Research Experience for US Students at INRIA-REUSSI 2*, NSF.

Robert France, *SHF: Small: Scenario-Based Analysis of Design Models*, NSF.

Sanjay Rajopadhye, *Open Source Compilation Tools for GPUs*, Pathscale, Inc.

Sanjay Rajopadhye, *Simplifying Reductions*, NSF.

Shrideep Pallackara, **Sanjay Rajopadhye**, Aaron Reeves, and **Wim Bohm**, *Enabling Scalable and Fault Tolerant Regional Epidemiological Simulations in the Cloud*, DHS.

Department Welcomes New Staff



The department is pleased to welcome **Audrey Huntsberger** as our new Student Staff Assistant. Audrey is from Texas and is a sophomore Biology major and Biomedical Sciences minor.

Spring/Summer 2010 Graduate Degrees Awarded

The Computer Science Department congratulates the following students on the completion of their graduate degrees in Spring/Summer 2010:

Doctor of Philosophy

Rinku Dewri, *Multi-Criteria Analysis in Modern Information Management*. Dr. Dewri has joined the Department of Computer Science at the University of Denver as an Assistant Professor.

Gautam Gupta, *Some Advances in the Polyhedral Model*.

Dae Gon Kim, *Parameterized and Multi-Level Tiled Loop Generation*.

Yui Man Lui, *Geometric Methods on Special Manifolds for Visual Recognition*.

Nayot Poolsappasit, *Towards an Efficient Vulnerability Analysis Methodology for Better Security Risk Management*.

Manachai Toahchoodee, *Access Control Models for Pervasive Computing Environments*.

Master of Science

Michael Joseph Hamilton, Alexander Kazeka, Alan Michael LaMie, Adam Thomas Labadorf, John Allen Stevens, Tomofumi Yuki

Master of Computer Science

Shrividya Jayaram Arakere, Anita Marie Baros, Ruth Boyd, Trevor Perry Fradsham, Martin Georgievski, John Robert Houser, Dharmaraj Arocki Irudayaraj, Joseph Michael Kippen, Victor Neil McLane, Balagopal Narayanan Nair, Anand Raju, Rajan Selvamani, Geoffrey Mitchell Sewell, Pardeepinder Singh, Parthiv Sukumar, Shant G. Dekran Tashjean, Lineesh Thamaran, Joseph Michael Yoensky

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 distance degree programs for over 30 years and has awarded hundreds of master's 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.

RamBytes Newsletter Archives

Spring/Summer 2010 (PDF)
Spring/Summer 2009 (PDF)
RamBytes 5.1 Fall 2006
RamBytes 4.1 Fall 2005

Fall 2009 (PDF)
RamBytes 5.2 Spring-Summer 2007
RamBytes 4.2 Spring-Summer 2006
RamBytes 3.2 Spring-Summer 2005
RamBytes 2.2 Spring-Summer 2004 (PDF)

RamBytes 3.1 Fall 2004 (PDF)
RamBytes 2.1 Fall 2003 (PDF)