What’s new with the CSRC

Welcome to all new and returning CSRC members for the 2012/2013 academic year! Like many other areas of the country this summer, Blacksburg is experiencing record high temperatures!

The spring semester of 2012 saw another increase in membership to the CSRC. We were pleased to have so many new companies with us! At our spring CSRC events, we welcomed back Chesapeake Technology International and SWIFT, as well as new members AMC Technology, Aspect Security, Bart & Associates, Blackbaud, Breakaway Technologies, CapTech Consulting, GRB, Insurance Institute for Highway Safety, Lowe’s, Next Century Corporation, Perfect Sense Digital, Public Safety Systems Incorporated (PSSI), Royall & Company, The SI, The Washington Post, TORC Robotics, Verisign and VeriZon. Several companies have already enrolled as new members for the 2012/2013 year: Accenture, CCS, EMC, Excella Consulting, Gannett, Kollmorgen, Lutron Technologies, MetroStar Systems, Open Software Integrators, Packet Forensics, Palantir, PIETECH, ViaSat, and Zeta Associates, as well as a company returning to the CSRC, Hughes Network Systems.

We thank all of our CSRC companies for their continued support. Thanks to CSRC funding, we’ve already awarded $80K+ in scholarships for the 2012/2013 academic year!

We look forward to seeing you in September!

Sophomore Seminar—Benefitting the CSRC

After the first two offerings of the new sophomore seminar, the department is pleased with the results. Company representatives have reported more prepared students attending the career fair and our sophomores are more engaged with the department.

How can you get involved?
- Regular and premier members are invited to host a table at our etiquette dinner. We invite company representatives to act as a table host for one of our tables of 8. As table host, you will be asked to help guide our students to use proper etiquette during the meal and to make sure that proper dinner table conversation is happening. Don’t worry; someone from Career Services will present a dining etiquette presentation before the meal.
- Regular and premier members are invited to attend the “cool topics” fair held each semester. Students work in groups of 4 to prepare a topic, which they then present to each other and invited guests.
- Premier members can also schedule information sessions during the evening times associated with the seminar, since students will be required to attend a certain number of evening events scheduled during that time slot.

Check with Libby Bradford for more details and available dates.

See the article on our spring “Cool Topics Fair” on page 4.
Spring Commencement Ceremonies

On Saturday, May 12, the Virginia Tech College of Engineering conferred degrees on the class of 2012, including approximately 90 Computer Science undergraduate students. Graduate degrees were conferred at the Graduate Commencement Ceremony on Friday, May 11. On Saturday morning, Computer Science graduates, their guests and families, enjoyed a reception in the Owens Banquet Hall. Several students were recognized for outstanding achievements and contributions, including Kyle Akers, John Kurlak, and Marco Leung for undergraduate academic achievement, TC Jones for service to the department, Alexander Obenauer as the outstanding undergraduate teaching assistant, and Marco Leung as the Outstanding CS Senior. Three graduate students were also recognized: Kevin Buffardi for outstanding teaching, Gabriel Martinez as the outstanding Master’s student and Yinan Li as the outstanding doctoral student. Both Caroline Galecki and Paul Robertson were awarded the George Gorsline Memorial Scholarship Award, given each year to a rising senior who has made the most significant rebound from the freshman year.

Congratulations to all the graduates!

David Heilman Award for Excellence in Undergraduate Research created

During the spring commencement reception, a posthumous degree was awarded to the family of David Heilman. David Heilman was a freshman CS major in Fall 2007. He immediately established a record of academic excellence earning a 3.8 GPA in that first year. But David had more than the usual challenges facing college students. He was battling leukemia. David was out of school the next year to receive treatment. He was able to return in Fall 2009 ready again to tackle a full schedule for his CS major and Biology minor. He did ask for one accommodation. He needed a Biology lab moved from late Friday afternoon because he needed to return to northern Virginia once per month for treatment. That semester David earned a 3.94.

David's outstanding scholarship and interest in combining CS and Biology lead him to earn a research position with the Bioengineering and Bioinformatics Summer Institute during Summer 2010.

David was always upbeat and positive. According to his Dad, "David loved Virginia Tech and he was a Hokie first and always.” But David's cancer returned and he was not able to return to VT in Fall 2010. In May of 2011, David lost his battle with cancer.

In David's memory and in honor of his excellence in scholarship and research, the Department of Computer Science established the David Heilman Award for Excellence in Undergraduate Research. The first recipient is Craig Estep. Craig is graduating this semester with a 3.88 overall GPA, summa cum laude and as a Commonwealth Scholar. He will be staying for the next academic year to complete an MS degree at Virginia Tech. While a student here, Craig has interned with Salesforce.com and was a member of CS Squared, a CS community service organization. He has been the recipient of the Griffith Strader Christian Scholarship and a Computer Science Resources Consortium Scholarship.

Craig’s research has been in two very different areas—one in the area of computer science education and another in computer systems. Craig’s first undergraduate research experience was with Dr. Steve Edwards, working on adding clustering support to the Web-CAT project. More recently he has been working with Dr. Ali Butt on a project involving virtualization and cloud computing.
Five CS students inducted into Phi Beta Kappa

On Thursday, May 10, Virginia Tech's Mu Chapter of Phi Beta Kappa held its Spring 2012 initiation ceremony in McBryde 100. According to their official web site, PBK was founded at the College of William and Mary in 1776 and is the nation's oldest and most widely known academic honor society. Among the Spring 2012 initiates were five Computer Science majors: Daniel Breakiron, William Gomez, Robert Kania, John McElmurray and Robert Lyerly. William Gomez and John McElmurray were unable to attend the initiation ceremony.

CS Undergrads place first and second in IDT Programming Competition

Two pairs of Computer Science students took first and second place in the Innovative Defense Technologies’ (IDT) Collegiate Programming Contest. From the IDT press release:

"On May 19, 2012, Innovative Defense Technologies (IDT), a Software Development company based in Arlington, VA, specializing in Automated Software Testing applications, held its annual Collegiate Programming Contest. Several teams representing various Universities participated in the event. The event finals were held at the Virginia Tech Research Center, in Arlington, VA. Here the top three teams presented their solution to the contest problem. First place honors went to a team from Virginia Tech (Ian Davies and Eeshan Shah), 2nd place team was also from Virginia Tech (Karthik Kumar and Mark Nachazel), and 3rd place was awarded to the team from William & Mary (James Rountree and Gregory Smith)."

The purpose of this type of event is “To promote interest in automated software testing in the areas of computer science, engineering, mathematics, problem solving, teamwork, and innovative technology at the college level.” – Thom Garrett, IDT Contest Chair

CS students among winners of the Charles W. Steger Design Competition

Working as a team on a project for their senior capstone course, four Computer Science undergraduate students were among the winners at the inaugural Charles W. Steger Design Competition. According to the press release about the event, "[t]he Charles W. Steger Design Competition was inspired by the June 2011 grand opening of the Arlington, Virginia research center which represents a significant investment in Virginia Tech’s research mission. The center’s design and infrastructure support the computational research that is being conducted by Virginia Tech institutes and centers housed in the building."

The four students were a project team in Professor Steve Harrison’s Design of Information class during the fall 2011 semester. The team consisted of December 2011 graduate James McIntyre, May 2012 graduates Joseph Liversedge and Scott Fernandez, and future graduate Luke Marrs.
AWC and MAD groups awarded NCWIT Student Group Seed Grant

Ariel Cohen, with the Association for Women in Computing, and Avneet Singh, with the Mobile Application Development group, have been awarded a Seed Grant from NCWIT and Symantec to start a mentoring program for underclassmen. According to the organizers, "The mentoring program is designed to give CS majors of all ages and classes both out of class programming/research experience and an environment where they can ask questions comfortably. We are going to team up either an upperclassman and a grad student or two upperclassmen with a group of two or three mentees, and together as a group they will work on a programming or research project throughout the academic year. Mentoring groups will be free to meet up on their own time, and all of the groups will meet together once a month to present how far they have gotten in their projects and to socialize. We are hoping that this program will boost the resumes of everyone involved and provide the student mentoring that will help underclassmen become more comfortable in the major."

VT Mobile App Development Group develops HokieHelper App

The VT Mobile Application Development (MAD) group has announced the release of two new apps – HokieHelper and Expression Guessin’. HokieHelper is available on the Android marketplace and Expression Guessin’ on the Windows Phone marketplace.

The MAD group is a student-led club founded in the spring of 2011. The group currently has about 25 members who meet every week to work on mobile application development.

Sophomore Seminar students present “Cool Topics”

On April 17, 2012, students in the sophomore seminar class presented "cool topics" to CS student ambassadors, advisors, faculty, and each other. As part of the new sophomore seminar, students are assigned to a group which will decide on a "cool topic" to present towards the later part of the semester. Many interesting topics were presented during the evening event. According to the instructor of the class, Dr. Cal Ribbens, "The goal of the Cool Topics Fair is to give students in the sophomore seminar an opportunity to explore an emerging topic in Computer Science, and to present that topic to their peers. Students also get experience working together on a group project, something that will be common as they proceed through their undergraduate curriculum."
The Virginia/DC Affiliate of the National Center for Women in IT (NCWIT) held its first awards and recognition ceremony on March 31, 2012. The Virginia/DC affiliate is made up of representatives from Virginia Tech, George Mason University, and the University of Virginia. The NCWIT Award for Aspirations in Computing recognizes female high school students for their achievements and interest in computing technology. The award is given at the national and regional levels.

Please also see the College of Engineering article at http://bit.ly/IP2iYw.

How your company can get involved with the 2013 VA/DC Regional Aspirations Award for Computing

For this year, we are still seeking financial support for this program. Many thanks to Google ($2000) and Northrop Grumman ($5000) for providing funding for the 2012 event.

- We are seeking prizes for the award winners, especially company purchased prizes.
- Your funding can help fund the program itself, student awards, or even student/parent travel grants to the awards program (if needed).
- Your company can underwrite one of the $1000 renewable scholarships by providing $3000 for one scholarship.

In addition to funding support and providing prizes, you can help next year’s program in several ways:

- Help us recruit girls to apply to this program. We are trying to reach as many high school girls in the state of Virginia and the District of Columbia as possible. Applications are accepted from September 15 through October 31.
- Judging submitted applications. This will happen between early November and early December. Special thanks to Steve Choquette from IBM for helping to review the 2012 applications.

If your company is interested in supporting this program, please get in touch with Libby Bradford as soon as possible.
CSRC and CS Department sponsor Grace Hopper Conference

For the fifth straight year, the CS Department and the CSRC will be academic underwriters of the annual Grace Hopper Celebration of Women in Computing.

CS@VT was well represented by sending almost a dozen students to Grace Hopper in 2011, which was held in Portland, Oregon. With the 2012 GHC event being held in Baltimore, Maryland, the department hopes to send a large contingent of students and faculty to the celebration.

This year, the gold sponsorship status provides a 20% discount to all students attending the conference from CS@VT. The department will be encouraging new students, either at the graduate or undergraduate level, to attend the conference.

We are pleased to be able to continue supporting an activity that provides networking and career opportunities to the young women of the CS Department.

CS@VT participating in Sit With Me: NCWIT campaign to increase women

The National Center for Women in Information Technology (NCWIT) has created a new campaign, entitled "Sit With Me," to encourage more young women to pursue careers in computing. As a founding member of NCWIT's Pacesetters, the department has made significant contributions. To listen to Dr. Scott McCrickard describe CS@VT's efforts to increase the number of women in computing and hear what other schools in the nation are doing to recruit and retain female students, please see the Pacesetters' videos.

To hear more about the Sit With Me campaign, please visit http://sitwithme.org.

Picture courtesy of SitWithMe via Flickr.

Karim Elish—First place winner at the VT GSA Research Symposium

Doctoral student Karim Elish was a first place finisher in the poster category of the Virginia Tech Graduate Student Association's Research Symposium. Elish's poster was titled "DataGuard: A Mobile System for Securing Ultra-Sensitive Information."

Elish worked with his advisor, Dr. Danfeng Yao, and Dr. Dennis Kafura on this project. Elish says that his project "presented a novel and powerful device-assisted solution for managing cryptographic secret keys, and demonstrated several prototypes of the solution."

The GSA Research Symposium is an annual event. Each award comes with a certificate and a cash prize.
Young-Woo Kwon winner of a Bronze Prize at Samsung Human-Tech Thesis Prize Competition

Computer Science doctoral student Young-Woo Kwon won the Bronze Prize at the Samsung Human-Tech Thesis Prize Competition for his research entry entitled: "Power-Efficient and Fault-Tolerant Distributed Mobile Execution." Kwon is advised by Dr. Eli Tilevich, associate professor of Computer Science. Dr. Tilevich describes the competition: "Aimed at broadening and enriching basic and applied research in Korea, the competition attracts both domestic and foreign participants at the high school, college, and graduate school levels. The first round of the competition typically starts with approximately 1,500 entries that span across 10 major areas of sciences and engineering. In each area, 8 entries are selected to compete in the final round. This prize-winning research has also been accepted for presentation at the 32nd International Conference on Distributed Computing Systems (ICDCS), a premium conference in distributed computing.” Congratulations to Young-Woo. Read more about the Human-Tech Thesis Prize at the Samsung website.

Graduate Student Ashwin Aji selected for NVIDIA Fellowship

Ashwin Aji, PhD candidate in computer science, was recently awarded an NVIDIA Fellowship. The NVIDIA Fellowships are highly competitive, with only 12 awarded this year. A description of the fellowship competition from the NVIDIA website: "This is the eleventh year that NVIDIA has invited Ph.D. students to submit their research projects for consideration, and again we received a record number of applications. Recipients are selected based on their academic achievements, professor nomination, and area of research. We have found this program to be a great way to support academia in its pursuit of cutting edge innovation, as well as an ideal avenue to introduce NVIDIA to the future leaders of our industry."

Min Li recipient of an IBM Fellowship Award

CS PhD student Min Li recently received an IBM Fellowship Award. The award is a highly competitive support program for graduate students and provides recognition of outstanding research achievement. The award also attests to the interest of IBM in her research. Dr. Ali Butt advises Li and had this to say about her award: "This award is highly competitive and recognizes the student as well as the quality of the institution."
Members of the 3D Interaction Group, including several graduate students and faculty advisor, Dr. Doug Bowman, professor of Computer Science, took first place for a third consecutive year at the 2012 IEEE 3DUI Symposium in Costa Mesa, California. The team also won the "People's Choice" award, which was voted on by conference attendees.

Members of the team include Eric Ragan, Filipe Bacem, Siroberto Scerbo, and Cheryl Stinson, all current doctoral students in the computer science department.

CS@VT graduate students place second and third in Student Research Competition at SIGCSE 2012

CS@VT graduate students Monika Akbar and Kevin Buffardi placed second and third, respectively, in the Student Research Competition at SIGCSE 2012. The computer science department was well represented at the conference, held in early March, in Raleigh, NC.

Monika Akbar, working with her advisor Dr. Cliff Shaffer, submitted a project entitled "Deduced Social Networks for Educational Portal."

Her abstract: "Educational portals such as Algoviz.org seek to direct users to specific resources of interest to them. While AlgoViz has significant traffic, we lack active user data such as ratings and reviews. We instead use log data to deduce connections between different objects in the site (users and resources). Deduced networks have the potential to improve services such as searching and browsing for a wide range of educational resource portals."

Kevin Buffardi, working with his advisor, Dr. Steve Edwards, submitted his project "Student Adherence to Test-First Programming in the Classroom."

Kevin describes his project: “[t]hanks to Web-CAT (an automated grading system we use primarily in introductory courses), I had the advantage of examining students' progress on project development over time to observe how closely they followed Test-Driven Development (TDD) methods. I found positive correlations between their adherence to TDD principles and the quality of both their solutions and testing. I also identified opportunities for influencing student behavior to improve their work as well as gain practice in methods popular in industry.”
Alexander Obenauer, 2012 graduate, creates apps and a startup

Alexander Obenauer, a May 2012 graduate of the computer science department, was mentioned in a recent New York Times article entitled “Apps for Navigating Campus Life.” His “Hungry Hokie” app was mentioned with other apps created by students at Harvard, Carnegie Mellon, and Yale. Since graduating, Obenauer has been working full-time on his startup “Mail Pilot.” He and recent biological science graduate Josh Milas are hoping to reinvent e-mail. Their new startup, Mail Pilot, was recently featured in the Collegiate Times. Mail Pilot will help users treat their e-mail like a “to do” list. Since the Collegiate Times article was published, Obenauer and Milas have reached their fundraising goal through Kickstarter.

Read more about their project at www.kickstarter.com/projects/1380180715/mail-pilot-email-reimagined.

Dr. Hussein Ahmed, 2010 PhD graduate, wins two local Hackathons

Dr. Hussein Ahmed, a 2010 graduate of the computer science PhD program, won the Hokie Health Code-A-Thon. The event, managed by Health 2.0 and sponsored by the Roanoke-Blacksburg Technology Council and many local businesses, was held April 13-14, 2012. Dr. Ahmed won the $2500 first place prize for his app called “HeyRecall” (signup.heyrecall.org).

He followed that win with another in May, winning the Lujure Hackathon held on May 11th and 12th. Dr. Ahmed won the $5000 first place prize and was featured in an article in the Roanoke Times entitled “Hackers Welcome.”


Dr. Pardha Pyla, 2007 PhD grad, part of winning user experience team

Dr. Pardha Pyla, a 2007 graduate of the PhD program was part of the Grand Prize winning team at the User Experience Awards. The Grand Prize, for “Best User Experience,” was awarded to Bloomberg and Mobients for their “Bloomberg Anywhere” submission. Dr. Pyla is the User Experience Lead at Bloomberg.

According to the award website, “The aim of the awards is to significantly raise the stature, understanding and awareness of User Experience. User Experience is a critical part of the Internet and software development process and an essential element for success for any technology product or service in an ever-more-sophisticated consumer marketplace. How does a technology offering stand out from the crowd of iPhone apps or competitor websites and services in 2011 and beyond? How does one digital product or service generate significantly higher user engagement and customer satisfaction than another? It all comes down to great UX.”

Dr. Pyla, in conjunction with faculty emeritus Dr. Rex Hartson, has recently released a new UX Textbook.
Dr. Naren Ramakrishnan named Thomas L. Phillips Professor of Engineering

The Virginia Tech Board of Visitors recently named Dr. Naren Ramakrishnan the Thomas L. Phillips Professor of Engineering. Ramakrishnan recently completed a stint as the Associate Department Head for Graduate Studies in the Department of Computer Science, and directs the Discovery Analytics Center. Dr. Barbara Ryder, department head and J. Byron Maupin Professor of Engineering, describes Ramakrishnan as "a rare faculty member. He is an excellent researcher, a strong mentor, a respected leader, especially of our graduate program, and a consensus-building individual."

To read more about this award, please see http://bit.ly/ME9xaw.

Dr. Steve Edwards named W.S. “Pete” White Chair for Innovation in Engineering Ed.

Dr. Steve Edwards, associate professor of computer science, was recently appointed as the W.S. "Pete" White Chair for Innovation in Engineering Education. According to the call for nominations, the chair was created by American Electric Power to honor Pete White, in order to "celebrate and illustrate innovative approaches to teaching using technology. The White Award carries with it a cash award, a plaque, and the engraving of the awardee's name on a commemorative plaque displayed permanently in the Dean's Office."

To read more about his award, please see http://bit.ly/LS8KS3.

Dr. Wu Feng receives Turner Fellowship

Dr. Wu Feng, associate professor of computer science, was recently awarded a Turner Fellowship. The award was approved at the recent Board of Visitors' meeting. Feng is the primary architect for HokieSpeed, which is the newest supercomputer at Virginia Tech and ranks eleventh on the Green500 list. The Green500 list, created by Feng and Dr. Kirk Cameron, associate professor in computer science, ranks the world's most energy efficient supercomputers. Dr. Barbara Ryder, J. Byron Maupin Professor of Engineering, says Dr. Feng "is an extraordinary researcher in high-performance computing systems, whose work has had great impact on his field. His research contributions sit at the synergistic intersection of computer architecture, systems software, middleware, and applications software."

To read more about his award, please see http://bit.ly/OvIeUb.
Three CS faculty each received a Dean’s Award for Excellence at the recent College of Engineering faculty reception.

Dr. Doug Bowman, professor of computer science and Director of the HCI Center, received a Dean’s Award for Research Excellence.

Dr. Danfeng Yao, assistant professor of computer science, received one of five Outstanding New Assistant Professor Awards.

Dr. TM Murali, associate professor of computer science, was awarded a College of Engineering Faculty Fellow Award, which gives him $5000 for each of the following three years to support his research.

Dr. Francis Quek, professor of computer science, was awarded a 2012 XCaliber Award for excellence as an individual involved in teaching with technology. To read more about this award, please see http://bit.ly/N023dP.

Dr. Scott McCrickard, associate professor of computer science, was recently awarded an REU (Research Experience for Undergraduates) Faculty Recognition Award from the National Center for Women in IT (NCWIT). The award was presented at the annual NCWIT Summit, held this year in Chicago, Illinois, from May 19 through May 21. Dr. McCrickard was one of four faculty members recognized for their contributions to increasing diversity through an REU program.

The award was presented to him by Dr. Margaret "Peggy" Burnett, from Oregon State University (pictured with Dr. McCrickard).
Institute of Creativity, Arts, and Technology director's research wins international award

Dr. Ben Knapp, professor of computer science and director of the Institute for Creativity, Arts and Technology received the best presentation award at the 2011 International Computer Music Conference.

"R. Benjamin Knapp, founding director of the institute and professor in the College of Engineering's Department of Computer Science, focuses his research on human-computer interaction. Knapp and his colleagues work to develop and design user-interfaces and software that allow both composers and performers to augment the physical control of a musical instrument with a direct physiological interface. His paper, 'The measurement of performer and audience emotional state as a new means of computer music interaction: A performance case study' with co-author Eric Lyon from the Sonic Arts Research Centre at Queen's University, was voted best paper presentation by members of the conference."

Dr. Ed Fox starts new project with VTX, part of GlobalWeb Corp in Brazil

Dr. Ed Fox, director of the Digital Library Research Lab (DLRL), will be working with Dr. Naren Ramakrishnan, director of the Discovery Analytics Center, and Dr. Rex Hartson, professor emeritus in computer science, on human computer interaction and machine learning activities as part of the project entitled "Organizing Crawled Web Data for Brazilian Customers."

According to Dr. Fox, "Several members of the VTX staff will work in DLRL this spring, so we can teach about relevant technologies and demonstrate a series of prototypes, running in the Amazon cloud, of portions of the infrastructure they are developing. VTX plans to support mobile device based price comparison of online products found on Brazil's WWW." The six month project will support approximately nine graduate students.

Kirk Cameron's MiserWare offers free product to measure carbon footprint

Dr. Kirk Cameron, professor of computer science and Chief Executive Officer of MiserWare, was recently recognized in the media for creating Granola Enterprise 5 that will help individuals and industry measure their carbon footprint. From the College of Engineering article, "MiserWare's Granola Enterprise helps organizations identify and eliminate energy waste in their computers. MiserWare also built the world's most popular free energy management software: Granola Personal. MiserWare's Granola products have been listed on TIME Magazine's Top 20 Ways to Go Green and PC Magazines Best Free Softwate and received a CNET Editor's Rating of 4.5 stars (out of 5)."
Paper named one of the best 20 Papers in the history of ACM HPDC

Dr. Wu Feng, associate professor of computer science, Heshan Lin, research scientist, and Mark Gardner of information technology authored “MOON: MapReduce on Opportunistic Environments,” which was named one of the top 20 papers in the 20 year history of the ACM International Symposium on High-Performance Parallel and Distributed Computing. From the College of Engineering article, "To mark the first 20 years of the symposium, members of this high performance computing community were invited to nominate papers for this honor. A committee then selected the top group of 20 papers."

To read more about this paper, please see the College of Engineering article at http://bit.ly/MEpBcv and the WIRED article at http://bit.ly/O5oUKs.

New supercomputer HokieSpeed makes its debut

Dr. Wu Feng, associate professor of computer science, is the primary architect of Virginia Tech's newest supercomputer. HokieSpeed joins earlier supercomputers System X and System G, to provide resources for cutting edge research. HokieSpeed is 22 times faster than System X, performing at 455 teraflops (455 trillion operations per second), which lands HokieSpeed at number 96 on the list of the Top 500 supercomputers in the world. However, HokieSpeed is much more energy efficient than many supercomputers, making it number 11 on the Green500 list.

To read more about HokieSpeed, please see the College of Engineering article and also the article in WIRED magazine.

Two new faculty join CS@VT in 2012/2013

Dr. Sanmay Das will be joining the CS@VT faculty in August 2012. He comes to Virginia Tech after earning his PhD in Computer Science at MIT in 2006. His area of research is in machine learning.

B. Aditya Prakash will also be joining our faculty in August 2012. He comes to VT from Carnegie Mellon University. His area of specialty is in data intensive computing. He will be defending his dissertation in early Fall 2012.
Sunday, September 16

3:00 to 6:00 p.m., Agriculture Quad (on the west end of the Drill Field and directly across from the Duck Pond)

All CSRC members are invited to join us for our annual picnic. All computer science faculty and staff, as well as all undergraduate, graduate, and prospective CS students, are invited to attend and bring their family and friends. If you arrive in Blacksburg on Sunday, please plan to join us for this informal event.

Monday, September 17

CSRC Fall Luncheon
11:00 a.m. to 1:00 p.m.—Owens Banquet Hall

The CSRC Luncheon will be held in Owens Banquet Hall on campus. To assist with parking, the CSRC will be providing a shuttle service from the Chicken Hill parking lot. Additional information will be provided with your packet in late August/early September.

Prior to the luncheon, you will have time to mingle with CS students and faculty attending the luncheon. All students receiving scholarships from the College of Engineering and our department will be invited to attend this luncheon.

CSRC Fall Career Fair
3:00 to 7:00 p.m. — Cassell Coliseum—Ambulatory

The CSRC Fall Career Fair is a career fair for all undergraduate and graduate CS students. We also invite all students on our CS-Interest listserv which includes interested new freshmen from General Engineering.

We are also requiring all students from the Sophomore Seminar class to attend this event.

Student volunteers will be available to assist you with getting in to and out of the Coliseum. Further information about unloading will be provided in your late August/early September CSRC packet.

For Premier/Regular Members:

We have opportunities for regular/premier members to be on panels for several different student audiences:

CS 3604 Professionalism Class
Tuesday, Sept 18, 11:00 to 12:15 and Tuesday, Sept 18, 12:30 to 1:45

Juniors and seniors in computer science are invited to ask representatives about their companies, searching for that first full-time position, and the current job market.

CS 1944 Sophomore Seminar
Tuesday, Sept 18, 4:00 to 4:50

The sophomore seminar is a new requirement for all students completing their degrees in 2014 and thereafter. Topics for the panel will include how to interact with recruiters, how to prepare for a career fair, what makes an effect elevator speech, and more. This panel should be about helping students to interact professionally with corporate recruiters.

CS 4944 Senior Seminar
Tuesday, Sept 18, 5:00 to 5:50

These graduating seniors are moving on to positions in industry or on to grad school. Topics include transitioning to the workplace and career management.