



College of Computing and Informatics
UNC CHARLOTTE

ALUMNI NEWS

VOLUME 1 NUMBER 2 >> July 15, 2010

>> UNC Charlotte and Bank of America Announce *Applied Technology Program*

UNC Charlotte has partnered with Bank of America on an innovative new program for the next generation of knowledge workers. *The Bank of America Applied Technology Program* is designed to give students the opportunity to work for the bank while pursuing their undergraduate degrees.



The 17-month program was designed to provide students studying technology and business the means to gain real world experience in the financial services industry. The pilot phase of the program launched in June of this year and includes nine students from UNC Charlotte's College of Computing and Informatics. The students will work in a bank office dedicated to the program, located near campus.

More comprehensive in scope than a traditional co-op or internship, the students will be educated and working for the entire period of 17 months. The goal is to provide each student with relevant experiences that will enable them to grow into appropriate roles in the corporate environment. During each period of the program, the students will either be receiving college credit or getting paid on a competitive scale. Beginning spring of 2011, students will start the program during the second half of their junior school year for course credit, work during the summer full-time, and resume their work throughout their senior year on a part-time basis until graduation.

"Thanks to Bank of America's support, these bright and engaged students will be afforded the opportunity to meet the 21st-century talent needs of the financial services industry," said Yi Deng, Dean of the College of Computing and Informatics at UNC Charlotte. "The goal is to help them develop a deeper understanding of the role of technology in the business of financial services and how to integrate the technology within the industry."

Students will be working within the bank's technology group, contributing to efforts to ensure applications on the bank's global network remain available for customers and bank associates. The program also provides real-world workplace experience and develops a strong knowledge of technology and its application and integration to the business side of financial services. This includes process documentation, application monitoring, user

>> **Save the Date!**

Come join us for CCI's first alumni event at the Harris Alumni Center on August 31st from 6:00 p.m.-8:00 p.m. This will be a great opportunity to network with other CCI alumni and meet the Dean of the College, Dr. Yi Deng. Dinner will also be served. Please RSVP to Marjorie Bray at Marjorie.Bray@uncc.edu by August 20th.

>> **Recent Ph.D. Graduates**

Remco Chang (Fall 2009): Tenure-track assistant professor at Tufts University

John Stamper (Spring 2010): Research scientist at Carnegie Mellon University

Peigang Zhang (Spring 2010): Microsoft (involved in developing the search engine Bing)

Evan Suma (Spring 2010): Postdoc at University of Southern California

Yuli Gao (2009) HP Research Lab Palo Alto, CA (Expert-Level Researcher)

management, assigned projects, and mentorship.

The program was developed jointly between Bank of America's Global Banking, Markets, and Wealth Management Technology and Operations Division and UNC Charlotte's College of Computing and Informatics. The Belk College of Business has recently joined the program.

>> **New Curriculum for the 21st Century**

UNC Charlotte's College of Computing and Informatics and the College of Health and Human Services are collaborating on a groundbreaking curriculum, which will train students to meet the 21st century needs of the healthcare industry. Students now have an opportunity to receive a Graduate Certificate in Health Information Technology.

"Electronic medical records are coming," said Larry Mays, Ph.D., Department Chair of Bioinformatics and Genomics. "The 'American Recovery and Reinvestment Act of 2009' calls for \$19B in expenditures to help with the computerization of health records by 2014. Estimates are that it will take at least 200,000 new health informatics support specialists to make this happen. UNC Charlotte will be a leader in preparing students for what certainly will be one of the most important jobs for the healthcare community."



The conversion to electronic medical records will improve healthcare quality; prevent medical errors; reduce healthcare costs; increase administrative efficiencies; decrease paperwork; and expand access to affordable care.

>> **CCI Partnering With Community Business and Industry**

The *Business Partners Program* (BPP) provides a unique opportunity for the College, its faculty and students, and the corporate partners to collaborate in ways that promote on-going interaction and communication. Monies generated through these collaborations will help mold the future of the College as it strives to meet the demands of the 21st Century, and to be the recognized leader for competitive, innovative, and market-responsive computing and informatics education. Partners will have an opportunity to participate at many different levels, which will afford them access to cutting-edge technology, and worldclass researchers. If your company is interested in participating please contact Olin Broadway at (704) 687-8638 or olinbroadway@uncc.edu.

CCI will host its 11th annual Cyber Security Symposium on the UNC Charlotte campus on Tuesday, November 2, 2010. What has become the premier security conference in the region will again feature expert guest speakers from around the country who will address the latest issues surrounding cyber crime and what is being done to combat this ever-increasing global problem.



Our outstanding speaker list includes: Rich Baich, Deloitte; Jacob West, Fortify; Nitech Dhanjani, Ernst and Young; Jason Rouch, Cigital; Theresa Payton, Fortalice, LLC. Gary Granza, Bank of America; Paul Bates, Microsoft; and Carter Heath, UNC Charlotte.

This year's sponsors include: The Charlotte Research Institute (CRI); Bank of America; Duke Energy; Consortium for Enterprise Systems; and Deloitte.

For sponsorship information please contact Marjorie Bray at Marjorie.Bray@uncc.edu.

>> **Alumni Talk Back**

I am a Security Team Manager on the Microsoft Customer and Support Services Security Group. The excitement from being an integral part of Microsoft's mobilized worldwide Software Security Incident Response Process (SSIRP) is a great thing to experience daily. I am the coordinator of testing and support efforts of Microsoft's Security Bulletin updates, and Security Health Check.

Another aspect of my job is to manage Microsoft's security product escalations. Understanding the business impacts of customer issues is just as important as grasping the technical details, so I am always striving to stay current with Microsoft's and competitive solutions. I also take every opportunity I can to talk to our customers, and get a better understandings of how their businesses are impacted by our products.

As a manager, I have the pleasure to work closely with Microsoft's most valuable resource, its bright and energetic engineers, who reside all over the world. I provide tactical objectives and directions, as well as coaching them, celebrating and growing their strengths, and learning from the experience myself.

I am very thankful for the great education that CCI gave me, which allows me to excel in my career at Microsoft. I encourage you to stay involved and participate in CCI alumni events.

Tam Viet Pham
tamvp@microsoft.com