

The ITS News

J. Warren McClure School of Information and Telecommunication Systems
Scripps College of Communication - Ohio University

Road Trip! - by Erin Roberts

ITS students listen to Ron Minto BSC '98 and Matt Brainard BSC '07 from the Columbus Cisco Systems office in Cincinnati via TelePresence technology (right).



Dan Huber, System Engineer with Cisco Systems, speaks to a group of ITS students during the Cincinnati TSMA trip (above).

A group of 25 students and faculty from the J. Warren McClure School of Information and Telecommunication Systems visited Kroger, Cisco and Cincinnati Bell and then took in a Cincinnati Reds game on Friday, April 23. The trip, part of a series in which students have the chance to visit cities in Ohio, was organized by the student group Telecommunication Systems Management Association (TSMA) and members of the school's advisory board.

"This series of trips introduces our students to alumni and to the kinds of jobs our students can expect," said Associate Professor John Hoag. "The trip reinforces our great relations with our business partners. Our students get to experience the enthusiasm people have for our field and the excitement present in the venues we visit."

Junior and TSMA president Matt Bange says the trips help student to see the role the program prepares

them to play in the industry: as a bridge between the technology people and the salespeople.

"Our program prepares us to bridge that gap," Bange said. "We know the technology side, but we are also communicators and can articulate in ways that allow us to become leaders."

Ron Minto BSC '98, of Cisco, and John Osborne, of Kroger—both current advisory board members—and alumnus Dave Heinbach BSC '99 (Cincinnati Bell) served as industry partner hosts.

"The credit for the trip goes to the advisory board," Hoag said. "The students do the legwork, but the advisory board makes the arrangements."

Students in the program had the opportunity to visit Columbus in the winter, and a bus trip to Cleveland is being planned for fall.

Director's Corner



Phil Campbell

These days the ITS faculty has been spending time working on two things that will profoundly change the School: the quarters-to-semesters conversion and the relocation to the new building.

The first semester at OU will be in the Fall of 2012, halfway through the careers of this fall's incoming freshmen. We've completed the bulk of the work on the new curriculum, although it's not approved and consequently not final. What's different? The broad categories – required ITS core courses, ITS electives, required non-ITS courses, and Area of Concentration – remain. Proportionately, there's a little more business and a little less Communication Studies, fewer electives, smaller AofC. Generally, it will be somewhat less flexible for a variety of reasons. Here are two: required courses will be taught once a year instead of twice and taking three electives allows less diversity of choice than five. Still, the ITS grads of 2013 and beyond will be as well prepared as you were.

The first phase of the Schoonover Center, the new home of the Scripps College of Communication, is scheduled to open in January of 2013. ITS is, alas, in the second phase. Nonetheless, we're currently working to plan our move to the new digs. Most of the work is going to lab transition - we'll have substantial lab space in Schoonover, replacing Central Classroom. We'll retain 115 RTVC, but many of the functions of that facility will move.

Neither project is final. Next year, we'll have more details of both to write about, but I wanted to let you know that we aren't spending all of our time on budgets. Teaching is our primary mission and we keep working at it, even if the surroundings and calendar change!

See you at ITS Day 2011!

~Phil

Our Thanks to....

All the alumni who continue to support the McClure School by speaking to an ITS class or TSMA
Matt Raider BSC '03

stopping by for a visit

David Post-Broeckelman BSC '04 and MCTP '08, Trey Fleming BSC '07 and MCTP '08, Atheeth Sishtla MCTP '08 and Kathryn Wargo BSC '09

notifying the School of job and/or internship opportunities

Jed Bistline BSC '02, Kim McDonald-Romero BSC '04, Ben Fuller BSC '06, Matt Brainard BSC '07, Garima Bajaj MCTP '07, Matt Doubet BSC '93, Kelly Crosby BSC '96, Justin Dyke BSC '06 and MCTP '07, Mike DeLuca BSC '97, Ben Fuller BSC '06, Chris Cameron BSC '03, Tyler Claudepierre BSC '09, Trey Fleming BSC '07 and MCTP '08, Steve Wylie BSC '00, Anne Beltz BSC '84, Matt Hyclak MCTP '06, Marcus Anderson BSC '07, and C. Ryan Lloyd BSC '06

supporting ITS Day 2010

Tyler Claudepierre BSC '09, Trey Fleming BSC '07 and MCTP '08, Joel Jordan BSC '09, and Devin McCormick '10

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Undergraduate Program Award



The International Telecommunications Education and Research Association, or ITERA, awarded the McClure School the Undergraduate Program Excellence Award at the 2010 meeting in Nashville, TN, April 10-11.

ITERA is an organization which “endeavors to advance telecommunications science through the creation of a forum for telecommunications and networking professionals, educators, and researchers. This forum will encourage and support the creation and maintenance of telecommunications interest groups, conferences, proceedings, and journals.”

Cell Phone Collection Drive

by Britney Gimmelsman

TSMA collected cell phones, pagers and their accessories during their now annual cell phone collection drive.

According to Inform Inc., an independent research group that studies the impact of business practices on the environment, more that 250 million cell phones are replaced every year in the United States.

Recycling cell phones conserves natural resources and prevents materials such as arsenic, copper and lead from entering the water, soil and air. It also minimizes the impact of resource extraction on the environment.

“We have to be proactive when it comes to addressing the issue of e-waste,” TSMA president Matt Bange said. “We’re sending the cell phones to Eco-Cell, an electronic waste collection program where the phones will be reused, reset and refurbished in a way that won’t harm the environment.”

Eco-Cell auctions off the cell phones for reuse in developing markets or to hospitals and shelters to be used for 911-only calls. Cell phones that can’t be reused



TSMA members Casey Kraus and Connor Nolan staff the cell phone recycling table at Baker Center.

are sent to Umicore, a precious metal refining company that will recycle the metal.

“Proceeds from the collection will be donated to Kids on Campus,” Bange said. Kids on Campus is a local non-profit organization that provides under served, at-risk children with summer and after school activities.

“The drive benefits everybody,” Bange said. “It helps community members get rid of the cell phones in their drawers, it keeps the environment clean and it provides local children opportunities that only Kids on Campus can provide them.”



8th Annual Advisory Board-Sponsored Golf Tournament - Erin Roberts



Participants in the Lonsbury Scholarship Golf Classic listen to instructions from Tom Lonsbury prior to the shot gun start.

For the eighth year in a row, friends, faculty and alumni of the J. W. McClure School of Information and Telecommunication Systems gathered in Athens to support a scholarship fund benefitting students in the program on Thursday, Oct. 1.

The Thomas Lonsbury Scholarship Golf Classic, named after event organizer, school advisory board member and honorary alumnus Tom Lonsbury, has raised a total of more than \$100,000 and awarded seven scholarships. This year's event, at capacity with 72 golfers, took place on the Ohio University Golf Course.

"I usually start my fundraising efforts in January, but this year, I just didn't have

the heart," said Lonsbury, who was worried the recession might make this year's event impossible. "When things started to look up a bit in March, I decided to get started, and it all came together."

One person who is glad Lonsbury didn't give up on the event this year is sophomore Shawn Tignor, who is the 2009 winner of the scholarship. "I was actually studying abroad in Austria when I got a call, at 2 a.m., my time from ITS Director Phil Campbell telling me how exclusive the scholarship was and that I'd won," said Tignor, an Athens native. "I enjoyed meeting Tom the day before the tournament this year. He seems like a nice guy, and he puts a lot of time into the tournament."

Lonsbury said this was the first year that all golfers had pre-paid and is appreciative of the sponsors, golfers and volunteers who help make the classic a success every year. "It's a top-quality operation," he said. "The gifts, the prizes and the fact that we are here on Ohio's course—it's like coming home."

The tournament offered new board member and Verizon Business employee Sean Davidson, who attended Ohio University, the chance to support students in the school and visit campus on a beautiful fall day. "From a golf perspective, we had a great day," he said. "It was a lot of fun, we had great weather, and the event was well-coordinated. I forged a camaraderie with people who work at AT&T and Sprint—my competitors in the workforce—and was able to share that with students in the school. The event promotes the industry, the school and Ohio University as a whole."

This year's top raffle prize—a 3-day, 2-night golf villa package from Achasta, a residential golf community in Dahlenega, Ga.—was won by Dan Davies, IT director of telecom/network platforms for Progressive Casualty Insurance Co. in Mayfield Village, Ohio.

The 9th annual Thomas Lonsbury Scholarship Golf Classic is being planned for Thursday, Sept. 30, 2010. Our thanks to all our sponsors for their support. For information regarding the Golf Classic, please contact Barbara Moran at moran@ohio.edu or Tom Lonsbury at tlonsbury@windstream.net.

Special thanks to volunteers Khalid Elmeredi, Garon Gentzel, Lori Huber, Barb Moran, Tina Stewart, Shawn Tignor, and Annie Wiebell.



ITS Day 2010

Mark MacNaughton, Senior VP, Enterprise Infrastructure, Cardinal Health, gave the key note speech during ITS Day 2010 May 20 on "Cloud computing and the Consumerization of Corporate IT."

Other speakers included Sean Ramsey, Industry Solutions Practive Manager with AT&T Mobility on "There's an App for That;" Tom Fritz, Executive Director, Connect Ohio, on "Ohio's Broadband Opportunities;" and David Davidson, Senior VP and GM for Ohio Frontier Communications on "The New Frontier."

The always popular Alumni and Internship Panel featured Tyler Claudepierre BSC '09, ECC NIS Technician, Nationwide Mutual Insurance; Trey Fleming, BSC '07 and MCTP '08, IT Operations Analyst, Progressive Insurance; Joel Jordan BSC '09, Senior Analyst, EIT Network Access Team, Cardinal Health; Devin McCormick BSC '10; and Tyler Slentz.

Scholarship recipients for next year were announced:

Ruth and Otto Kruse -

Kevin Matteson, William E. Parker III, Trevor Tomlinson,
Tyler Wilson, Dustin Wolfe

Scripps College -

Craig James, Donald Maley, Josh Offenberger

Lonsbury Classic -

Matt Bange

John F. Smith Memorial (ATP) -

Kenny Handa

Congratulations to Richard Latronica, the Outstanding Graduating Senior! Mark your calendar for ITS 2011, Thursday, May 12 and let us know if you would like to be a speaker/panelist.



Tom Fritz, Executive Director of Connect Ohio.



Graduate student Burzin Khajotia is recognized by interim graduate program director Andy Snow during the ITS Day banquet. Paridhi Dixit is in the background.



Matt Bange, recipient of the Advisory Board Lonsbury Scholarship for 2010-11 at the ITS Day banquet.



Moves, Adds and Changes

Dawn Kaminski BSC '86 is the director of Global Sourcing and Procurement IT for TJX Companies.

Judi French BSC '90, Infrastructure Project Manager with the Eaton Corp., moved to Atlanta over 2 years ago and loves it. She is working on a Data Center relocation. Irene Kehayas Drakopoulos BSC '90 had a baby boy, Petros George, in April. James Orr BSC '90 is a Technical Solutions Manager with Convergys.

Mark Roese BSC '91 is a Technical Sales Manager with AT&T.

Andy Doyle BSC '93 recently changed jobs. He is now the Director - Technology at tw telecom based in the Denver Tech Center.

Doug Tignor BSC '94 works for SEOVEC.

Paul Vogel BSC '96, Chief of Telecommunications Services for the Coast Guard, has 2 boys in college at OU.

Christine Brown Gonzalez BSC '98 and her husband, Joe, welcomed identical twins Amber and Autumn in December, 2008. William Hitchcock BSC '98 is a Portfolio Director with Ericsson.

Mike Johnson BSC '99 was promoted in February 2009 to Practice Director of Unified Communications and Network at Logicalis. He is in charge of solution strategy focusing on the selling and delivery of Cisco unified communication and collaboration products.

Gregory DeMaria '00 is a Senior Engineer, Network Implementation with Verizon Business. Chris Mackey '00 is a Senior Sales Engineer III with XO Communications. Carmen Russo BSC '00 is an IT Operations Analyst Sr with Progressive Insurance.

Benjamin Sartor BSC '01 is a Sr. Network Engineer with Ohio Health.

Chris Mears BSC '03 is a Web Developer with Cisco. Matt Raider BSC '03 is a VP of Product Development with SinglePipe Communications.

Shweta Agarwal MCTP '04 is a Specialist Engineer-Internet SW Systems with Verizon Business. Gene Beno BSC '04, Operations Systems Manager with Exel, is working on a 2 year assignment in the Alberta Oilsands as an Operations Systems Manager for client Syncrude and Shell affiliated with Exxon Mobile. Matt Micciche BSC '04, Network Engineer with AtNetPlus Inc., joined a small IT consulting firm that supports local businesses all over North Eastern Ohio across all industries of business. The company has been growing very stably and has its own data center. David Broeckelman-Post BSC '04 and MCTP '09 is a Technology Consultant with RSA.

Max Putas BSC '05 is a Customer Support Engineer, Level III with Multimodal Technologies.

Brian Folan BSC '06 is a Supervisor, Installation Group with CIMCO, A Division of Comcast Business Services. Matthew Hyclak MCTP '06 just started working at Netsmart. Mark Jaques BSC '06 was promoted to a Solaris administrator with Northrop Grumman Information Systems. Jeff Orr BSC '06 is a Network Engineer with Genesis Healthcare System.

Jason Lawrence MCTP '07 is a Mapping Technician with NiSource, Inc. Ryan Rollman BSC '07 is a Product Development Manager with PowerNet Global Communications.

Dylan Conrad BSC '08 is a

"I wanted to thank the McClure School of ITS for getting me started in this wonderful field of Information and Telecommunication Systems. The knowledge I learned from Phil, Hans, John, Tony and the staff over 10 years ago has served me well to get to where I am today."

-Mike Johnson BSC '99

Moves, Adds and Changes - from Page 6

Systems Engineer, Technology Solution Operation, with Cisco. Fernando Carrasco MCTP '08 is a Sr. Mobile Technical Support Engineer with Honeywell. Eric Eveland BSC '08 is an Implementation Delivery Engineer with EMC. Chris Kreitel BSC '08 graduated from MIT Sloan with an MBA in '09. As a student there he competed and won a \$100K business plan competition in the Life Science Track. He is a Senior Associate at Diamond Management and Technology Consultants staffed in NY at a health insurance company helping to define and roll out Enterprise Architecture governance. He and his wife have a daughter, Cassandra.

Brett Meston BSC '08 is an Information Systems Specialist with the US Army. Kislay Mukherjee MCTP '08, Unix Systems Administrator with Pacific Lutheran University, married Garima Bajaj MCTP '07, who also works at Pacific Lutheran University.

Jeff Risner MCTP '08 wrote a book *The Evolution of Universal Telephone Service: Its History, Issues, and Alternatives* from this thesis. Atheeth Sishla MCTP '08 is a Network Voice Engineer II with Cincinnati Bell Technology Solutions.

Russ Brocker BSC '09 is working as a consultant for Duke Energy as a Telecommunication Analyst. Tyler Claude-pierre BSC '09 is an ECC NIS Technician, Infrastructure/Operations with Nationwide Mutual Insurance. Boxing He MCTP '09 is a Systems Programmer/Analyst with the University of Pittsburgh Medical Center. Brad Lamantia BSC

'09 is a Computer Operations Technician with Nationwide. Michael Murdock BSC '09 is a Computer Operator I (Server Ops) with Cincinnati Children's Hospital Medical Center. Andre Rall MCTP '09 is an Account Manager - Rackspace Enterprise Services.

Raymond Shade BSC '09 is a Computer Operations Technician with Nationwide. Bradley Shumate BSC '09 is a Client Technologies Analyst with Ohio Health. Han Wang MCTP '09 is the Co-founder of China International Education Online. Bryan Wildasinn BSC '09 is working for Expedient Communications in their Cleveland Operations Support Center.

Kiet Phan MCTP '10, Information Technology Leadership Development Program Participant with Eaton, is currently specializing in Oracle modules and business processes.

Send us your updated information. Click on "update your information" in the alumni section of www.ohio.edu/mcclure.

Want to keep in touch with other alums, let other alums know about a position available with your company, or looking for a job? Instructions for how to subscribe to the alumni listserve are also in the alumni section of the School's website.

The School also has a presence on LinkedIn. You are encouraged to link to the School's page.

"EMC has turned out to be a great fit for me and I feel very fortunate to have a job with the state of our economy right now!"

-Josh Pittman BSC '08



NASA Co-op for MCTP Student - Lindsay Ferguson



MCTP student Greg Campbell.

MCTP student Greg Campbell, began a co-operative with the aeronautics and space research facility in the beginning of February.

He described the chance to work with NASA as “incredible,” and one that is designed to provide its trainees with work experience to continue their education in the field.

“I feel that the co-op position is a good opportunity for me to gain valuable working experience,” Campbell said. “[It’s an opportunity] to get my foot in the door at NASA and to further my research.”

Campbell said he expects his job with NASA to focus primarily on investigating technologies for infrastructure upgrades within the research center. He previously worked for the organization with other graduate students from the Russ College of Engineering and the

Scripps College of Communication by researching Delay Tolerant Networking (DTN), a project funded by grant money that the university receives from NASA.

“It’s a very interesting and engaging subject,” Campbell says. “I feel incredibly fortunate to have a chance to research it.”

According to Dr. Shawn Ostermann, director of the School of Electrical Engineering and Computer Science, DTN research focuses on understanding what causes the delay in sending and receiving satellite messages in deep space compared to the ones that are sent on Earth. Using the Internet as an example, Ostermann described how messages can end up “talking around planets” for several days or weeks when sent, which complicates communication.

However, with the help of students, researchers at OHIO are looking to develop protocol that will help to solve the problem. “The university has been working with NASA for years,” Ostermann said. “We really value the work of OU students.”

Ostermann described the Campbell’s genuine interest in research as one of many qualities that may have helped him to obtain his co-op position. “Greg is a very energetic student and very curious,” he said. “He’s impressive. One of the things he really values is not only knowing how something works, but also figuring out why it works that way.”

Campbell hopes his inquisitiveness, strong research skills and work ethic show in his everyday work at NASA Glenn and says there’s more he’d like to do for the organization. “I’m hoping this co-op will lead to a full-time position,” Campbell said.



Our Thanks to.....(cont'd from Page 2)

supporting the golf tournament

Brian Bauer BSC '07, Tod Bickley BSC '96, Matt Brainard BSC '07, Jason Carlton BSC '06, Zachary Craig BSC '07, Sandy Davis BSC '90, Brett Dirr BSC '07, Sean Dowd BSC '08, Matt Kusek BSC '06, Tom Martinko BSC '89, Neil Okonak BSC '02, Bryan Ireton BSC '90, Joe Watson BSC '92, Brian Chylik BSC '94, Ron Minto BSC '98, Leah Beltz-Patten BSC '00, Steve Wylie BSC '00, Jason Ice BSC '02, Ryan Burnett BSC '03, Matt Raider BSC '03, Doug Tignor BSC '94, Brad Tunstall BSC '06, Dustin Ratliff BSC '07, and Kathryn Wargo BSC '09

assisting with the TSMA tours

Matt Christian BSC '99, Zach Eyan BSC '06, Jared Fliegel BSC '09, Boxing He MCTP '09, Doug Hromco BSC '02, and Beth Sertell BSC '99.

Thanks to everyone for giving back to the School!



Job Placement

A McClure School education offers opportunity for those entering the networking, telecommunications, or any other field, as evidenced by a sample of recent job placements:

Kishan Ahuja - Probient Group
Russ Brocker - Duke Energy
Fernando Carrasco - Honeywell
Tyler Claudepierre - Nationwide Insurance
Liu Cui - University of Pennsylvania doctoral program
Eric Eveland - EMC
Justin Graves - Kinitic Networking
Jon Halar - PowerNet Global
Boxing He - Medical Center, University of Pennsylvania
Joel Jordan - Cardinal Health
Brad Lamantia - Nationwide Insurance
Richard Lee - Nationwide Insurance
Brooks Lowe - 21st Century Communications
Tyler Paugh - EMC
Kiet Phan - Eaton
David Post-Broeckelman - EMC
Andre Rall - Rapid7
Praveen Ravula - Broad Gate Inc.
William Rayess - BMB
Jason Reutter - Bank of America
Raymond Shade - Nationwide Insurance
Brad Shumate - Ohio Health
Bryan Wildasin - Expedient Communications



Triple Play Access

In the Fall of 2010 the McClure School will be offering a new elective undergraduate class in Triple Play Access Networks. The course will cover not only the basics of current technologies used to deliver broadband access (e.g. DSL, cable, fiber and wireless) but will give the students a hands on experience with carrier grade equipment purchased by the program in early 2010.

Students will work with both a digital subscriber line access multiplexer (DSLAM) and a gigabit optical passive network line terminator. These new devices will be used not only to illustrate basic aspects of the technology but to give students an opportunity to work in the area of quality of service provisioning, a relevant topic in today's access market where services like video on demand or network gaming are gaining considerable traction.

