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Congratulations to 2008–2009 IDD&E Graduates!

August 2008	December 2008	May 2009	August 2009 (expected)
<u>MS</u> Stephen Butler Audrey Forbes Jia Lu <u>PHD</u> Stephen Moore	<u>MS</u> Geraldine McCarthy Yoonsen Ryu Ruzanna Topchyan	<u>MS</u> Monica Burris Brendan Harrigan Christine Moore Kerstin Mukerji <u>PHD</u> Patrick Serumola Deborah Tyksinski	<u>MS</u> Shelly Blowers Tyrone Fisher Richard Hamlin Maureen Haskell-Wodnick Micah Modell William Myers Ashley Poor Roger “Kip” Wellman

May 2009 Awards for Outstanding Performance

MS - Design and Development Award – Christine Moore
 PHD – The Dr. Joseph P. Cangemi Doctoral Prize in Leadership – Deborah Tyksinski

On May 8, 2009, IDD&E continued a long-standing tradition by hosting an ice cream party to honor graduating students. Faculty, students, friends and family gathered for the celebration in 330 Huntington Hall. The graduation ceremony began with the introduction of IDD&E faculty by department chair Nick Smith, followed by presentation of recognition gifts to all graduates. [Continued next page](#)



Nick Smith introduces each faculty and graduate

Christine Moore was presented with the outstanding Design and Development Award, and Deborah Tyksinski was recognized for receiving the Dr. Joseph P. Cangemi Doctoral Prize in Leadership. All participants enjoyed ice cream while sharing congratulations and taking photos.



Christine Moore and Nick Smith



Ashley Poor and Monica Burris

A highlight of the IDD&E ice cream social was the celebration of Linda Tucker's 20th anniversary as administrative assistant for IDD&E. The faculty and students presented Linda with gifts and thank-you cards in recognitions of her much appreciated service and support over the years.



Alan Foley and Nick Smith present Linda Tucker with gifts and thank-you cards

IDD&E Brown Bag Seminars in 09 Spring Semester

The IDD&E Brown Bag Seminar is continuing to share and discuss doctoral students' dissertation research. During the 2009 spring semester, two brown bag seminars were held in the Huntington Hall ERC conference room, and three doctoral students presented their research and dissertations. The following topics were discussed in the two brown bag seminars.

1. ***“Exploring Peer Interactions in the Collaborative Problem-solving in an Engineering Distributed Virtual Educational Environment” by Yiyang Page Wu***

Page shared research conducted on a senior-level collaborative engineering design course which examines the instructional design of multiuser virtual education environments. She introduced an Advanced Interactive Discovery Environment (AIDE) which provides a variety of online tools and communication devices to support virtual collaborations and problem-solving within the course. The discussion focused on how and why learners use or do not use provided online features to support online individual learning, team productivity, and collaboration.

2. ***“The Relationship Between Teamwork KSAs, National Culture, Personality Type & Development of Shared Mental Models in Virtual Intercultural Teams in Higher Education” by Ruzanna Topchyan***

Ruzanna presented the initial draft of her dissertation proposal. The presentation focused on the mediating effect of cohesion between teamwork shared mental models and performance outcomes in national and international students in higher education. The rationale for studying teamwork in formal education was presented and the theoretical foundations of teamwork, differentiated between a "group" and a "team" as groupings for learning were discussed. She also introduced an adopted model for looking at research and discussions on teams in education and discussed the variables and methods that the study would most likely use. Many participants expressed interest in the term “cohesion” which she introduced.

3. ***“Digital Natives As Pre-service Teachers: What Technology Preparation is Needed?” by Liangyue (Monnie) Lu***

Monnie’s presentation focused on “digital natives” as pre-service teachers to examine their beliefs, attitudes, and technology experiences and expertise. Her study identifies the strengths and weaknesses in their technology knowledge and skills, and explores what technology preparation is needed to prepare them to integrate technology in teachers’ future classrooms.

IDD&E Research Seminar

Dr. Alexander Romiszowski gave a presentation at the IDD&E research seminar for the 2009 spring semester on March 24th, 2009. The presentation focused on general issues of educational technology as a scientific discipline and as a practical profession. He presented the lessons learned in the application of theory to practice in diverse educational and training contexts. [Continued next page](#)

Romi also introduced case examples drawn from recent consulting projects and from his work over several decades in the use of his instructional media selection and instructional design models in international projects, emphasizing numerous cultural considerations. He also gave reflections on the nature of the field we know as IDD&E, and its broader disciplinary context of "Educational Technology as Process", which were first presented in an online interview recently published in the *Journal of Open Education Research*, in China.

The seminar was attended by both doctoral and masters students from the School of Education.



Alexander Romiszowski's Research Seminar
on Educational Technology

IDD&E New Course IDE 800 Design-Based Research

Professor Alan Foley will offer a new course in the Fall 2009 semester, entitled in "Design-based Research: Interdisciplinary Research in Realistic Settings". Alan provides a brief introduction below for those students who are wondering about this course.

Design-based research (DBR) is an emerging form of educational inquiry. DBR involves the iterative development and study of complex educational interventions in naturalistic settings. In contrast to methods that are strictly observational, design-based research seek to shape and refine learning environments and experiences in context. Design research projects might focus on such endeavors as: the creation of a new instructional sequence, the development of a new professional development approach, or the design of a new learning technology. This form of inquiry involves foundational features of design practice as well as quantitative and qualitative research as appropriate. This course will introduce students to different design-based research methods in educational research. It will also provide students with experience in carrying out their own design-based research studies. Through a combination of readings, lectures, demonstrations, discussions, and class exercises, students will be introduced to the issues and practices associated with design-based research and how different researchers engage in this kind of work. By learning about the work of different researchers, students will also be introduced to distinct forms of design-based research in education. Students will apply what they have learned to the design and conduct of their own design-based research studies.

IDD&E Masters Students Design Security Awareness Training

Ashley Poor and Kevin Forgard, both Masters students in the IDD&E program, have been working with a local company, SRC, developing instructional materials for the company's annual security briefings. SRC is a research and development organization that does contractual work with government entities such as the Department of Defense (DOD). Since SRC's DOD projects and programs involve working with sensitive information, security briefings are an integral part of the company's operations, so all employees must complete the security training.

Ashley and Kevin began their instructional development project with Ellen Loughrin, the SRC Learning Management Manager, and Frank Cirillo, the Director of Security in November 2008. SRC wanted the SU Instructional Design team to develop an instructional alternative to their usual PowerPoint presentations. The design team was asked to take the "typical" training content and create a dynamic distance based narrative training briefing to generate security awareness among SRC employees.

With the initial guidance of Tiffany Koszalka, Ashley and Kevin created an instructional prototype, which began the development process. During the design iterations, the team worked with Frank, SRC's client and subject matter expert (SME), to develop a narrative based instruction with interactive activities using Adobe Flash.

When a user begins the security briefing, they are immediately drawn into a narrative by following the process of two new employees at SRC. The instruction leads the learner through an initial security briefing, which provides content as if they were a new employee.

The learner is interactively assessed with developmental feedback based on answers to multiple choice questions. Only the correct answer allows the learner to proceed to the next section of the training. The feedback informs the learner by reiterating the content within the context of the situation and characters. For instance, to protect sensitive documents an engineer would need to cover the documents when an unauthorized person enters their office. The instruction simulates that situation and asks the user to make a choice, then informing the learner through feedback on the correct or incorrect answer (see figure 1).

Throughout their experience, Ashley and Kevin have both noted the value of working on an actual instructional project noting how the experience has been an excellent learning opportunity to apply the ADDIE process in a real life situation. Furthermore, they feel that SRC provided them with a firm foundation of what instructional design work is all about: interfacing with SMEs, developing instructional interactions, and, of course, experiencing the many developmental iterations of the instructional design process. [Continued next page](#)



Figure 1 - Security briefing assessment example

They want to gratefully acknowledge Ellen for being both a teacher and mentor to their budding careers. They additionally want to thank Frank for being their first SME, who was not only patient, but willing to see the project as a learning process for him, Kevin, and Ashley.

The first episode was a smashing success. Ellen told the SU design team that everyone from SRC's CEO to managers in the San Antonio office commented on the innovative design of the training. They thoroughly enjoyed a novel approach to a traditionally dry subject of security and look forward to further narrative based training materials.

What does Kevin's and Ashley's future hold? The first security briefing was just one episode! The characters, the narrative, and the interactive learning objects will be applied to other security related topics at SRC. Stay tuned for Security Briefing Episodes 2, 3, and...who knows.

IDD&E Student Activity

IDD&E Ski Trip by Patrick Luo

On February 28, 2009, students from the IDD&E department embraced the ever-lasting winter in Syracuse with ski poles and snowboards at Toggenburg Winter Sports Center. Both skilled and newbies all claim to have enjoyed this ski trip, although in quite different ways. For skilled skiers like Ashley, Nilay, and Sunghye, it was a day of conquering the mountain and snow with excitement and pride. As for first-time skiers like me, it was a day of many worst tumbles in my life with fear and bruises. However, it is always nice to have one day off from school work to hang out with IDD&E folks, appreciating the beautiful scenery of Syracuse winter; the adventure and fun of playing with ice and snow; and above all, the friendship from bonding outside the classroom.



IDD&E Ski Trip

Dumpling Night and BBQ Party

It is true that graduate study can be solitary and monotonous, revolving around class, library, and laboratory during the whole academic year. However, a group of IDD&E students decided to beat such stereotype by organizing two successful parties during the semester. Unlike those parties people see on Euclid Avenue during Mayfest, the parties organized by IDD&E students have a unique theme: "Food" - as French politician Jean-Jacques Regis pointed out "How can one make friends without exquisite dishes! It is mainly through the table that one governs!"

Dumpling Night was initiated by several Chinese students in March, with dumplings and hotpot on the menu. An old Chinese saying goes: "those who don't labor don't get to eat". As a result, all the guests invited to the party were required to make their own dumplings from flour dough and dumpling stuffing. And, of course, a brief training was provided to American students in the very beginning. Steamy hotpot was also served with dumplings in case someone failed the training and got really hungry. The party ended with people playing Mahjong, the most popular game in China.



Students at Dumpling Night

The BBQ party was held at Kevin's house on a nice afternoon in April. Kevin is a first year master's student in the IDD&E department. He grew up in Chicago and had lived in China for four years. The food he prepared was a mixture of both Chinese and American style: Uyghur Kawap (skewed basted lamb with cumin spices), hotdogs, and burgers, etc. The party was held just before the last week of the semester and lasted for about 3 hours. Though quite busy, many students from the IDD&E still took time to join the party and spend time cooking in front of the grill or talking on the front porch - it turned out to be quite a casual and relaxing event.



Student BBQ

Kelly Conference

On a sunny Spring day, a group of Syracuse University (SU) students traveled to the University at Albany to participate in the 23rd annual Edward F. Kelly Evaluation Conference. Students from 10 US and Canadian universities presented 28 papers and one workshop at the day-long meeting.

Seven IDD&E students presented papers:

- A Comparative Evaluation of Two Meditation Programs: Differential Effectiveness of the Sitting Meditation Program and the Movement Meditation Program in Reducing College Students' Trait Anxiety. Sanghyeon Cheon, Syracuse University.
- The Fundamental Issue: What is the Purpose of Evaluation? Nilay Yildirim, Syracuse University.
- A Framework of Using Evaluation Activities Checklist to Inform Practice. Jie Zhang, Syracuse University.
- Are Inclusion Students Really Being Included? Jing Xu, Syracuse University.
- What are the Best Ways to Ensure the Quality of an Evaluation Study? Yin Wah Kreher, Syracuse University.
- Five Reasons Why We Do Not Need Theory. Karen Zannini Bull, Syracuse University.
- A Tailored Formative Evaluation of a Blended Training Program. Jingye Zhou, Syracuse University.

Their contributions were thoughtful, well-prepared, and stimulating. Copies of these presentations will be published in a forthcoming volume of conference proceedings. [Continued next page](#)



From left to right: Jing Xu, Mehkta Waney, Nilay Yildirim, Nick Smith, Karen Zannini Bull (in front), Yin Wah Kreher, Jie Zhang, Jingye Zhou, and Sanghyeon Cheon

Sanghyeon Cheon and Jingye Zhou did an excellent job this year as SU's student representatives; our thanks to them for all their hard work.

The location of the 2010 Kelly Conference is under consideration. If you have questions, contact the Kelly Conference SU faculty sponsors, Karen E. Kirkhart, School of Social Work, kirkhart@syr.edu or Nick L. Smith, School of Education, nlsmith@syr.edu.

Professor Jing Lei Sends Greetings to All IDD&E Family



Hello Everyone,

As many of you knew, I was on a pre-tenure sabbatical in the spring semester. I have been working on several writing projects, including a few journal articles and book chapters on technology use in schools, co-editing a handbook on Asian education, and grant proposals.

In April, I was invited to the Teaching and Learning with Technology Conference 2009, held at Purdue University. I presented my research findings on a longitudinal study of technology use in schools.

I congratulate those of you who graduated in May! What an accomplishment! I wish you the best in your career. I wish everyone an enjoyable summer and look forward to seeing you in August.

School of Education (SOE) Research and Creative Grants

Two IDD&E students, **Sanghyeon Cheon (Advisor: Tiffany Koszalka)** and **Yiyan Wu (Advisor: Tiffany Koszalka)** have been selected as 2009 SOE Research & Creative Grant award winners. This year the Dean's Office provided \$8,000 to support the competition, with Sanghyeon and Yiyan receiving 2 of the 10 student awards given. Congratulations!

News from Alumni

Roxboro Road Middle School's (North Syracuse) technology education program has been selected as the Central New York Technology Education Association (CNYTEA) Program of the Year for 2008. "Through the great efforts of Joe Clayton and Lynn Zajac within their seventh-grade classroom and service to the regional CVYTEA, their colleagues have chosen to pay them tribute in this manner," CNYTEA awards coordinator Steve Poydock wrote in a letter to Superintendent Jerome Melvin. "You are indeed fortunate to have teachers of this caliber on your staff."

"Providing much interest were the computer activities devoted to the engineering, design and rocket building program," Poydock continued. "Most impressive was the overview of the 'Morning News and Announcements' segment. Those state-of-the art facilities surely provide many students with real-time experience in an actual television studio."

Congratulations Lynn!!

IDD&E New Student Orientation

It's time to mark your calendar!
AUGUST 27th, 2009

With the new academic year starting at the end of August, we are excited about welcoming our new IDD&E students. The orientation will be held on August 27th. The orientation will start at 9:30 a.m., and continue throughout the day with a series of informative sessions and a taste-filled "IDD&E International Cultural Cuisine" luncheon. You and all of your guests are welcome to attend the IDD&E New Student Orientation. At the same time, the Orientation Committee (John Gonzalez and Sunghye Lee) invites Orientation Volunteers and New Student Mentor Volunteers. Luncheon Volunteers, to prepare an entrée, side dish, or desert, are also eagerly welcomed. If you are interested in any volunteer work, email John Gonzalez at jagonz01@syr.edu or Sunghye Lee at slee57@syr.edu.

Have a Great Summer; See You in the Fall!

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