

Newsletter

IDD&E

Instructional Design,
Development & Evaluation

Syracuse University
School of Education

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2009 Kelly Conference
 March 27th, 2009
 University at Albany/SUNY Albany, NY
<http://www.albany.edu/kelly/>

2009 AERA Annual Meeting
 April 13 –April 17, 2009
 San Diego, CA
<http://www.aera.net>

ASTD 2009 International Conference & Exposition
 May 31 - June 3, 2009
 Walter E. Washington Convention Center, Washington DC
<http://www.astd2009.org/>

IDD&E Research Seminar

The first IDD&E research seminar for the 2008 fall semester was held on November 20th, 2008. Dr. Gerald S. Edmonds was the speaker of the seminar and he discussed his works and research regarding the program of Syracuse University Project Advance (SUPA). The seminar was attended by both PhD and master students from the School of Education. Dr. Jing Lei, a faculty from the IDD&E also attended this event and she discussed with Dr. Edmonds the possibility of creating on-line courses for SUPA. The IDD&E research seminar aims to provide an opportunity for faculty members to share and discuss their individual research and for students to observe and learn from such opportunity.



During the seminar, Dr. Edmonds first gave a detailed description of SUPA: SUPA is recognized as one of the nation's premier school-college partnerships. For 36 years SUPA has been at the forefront in researching and implementing partnerships with high schools designed to promote successful transitions for students from high school to college, and strengthening the relationship between secondary teachers and University faculty. Then Dr. Edmonds focused on the issue of concurrent enrollment, since concurrent enrollment is one of the most successful, yet under recognized, educational reforms, and one of the contributing factors is the lack of documented and published scholarship. According to Dr. Edmonds, SUPA has spearheaded this movement by establishing the National Alliance of Concurrent Enrollment Partnerships to help foster dialogue at the local, state and federal levels regarding concurrent enrollment. *[Continued next page](#)*

Dr. Edmonds also pointed out that instructional design and evaluation principles could be applied to SUPA in many aspects. On the macro level, IDD&E principles are used as guidance and a problem-solving framework for the whole program. On the micro level, the program has a formal instructional development unit that is engaged with SU faculty on course improvement as well as the integration of technology into individual courses. The program also produces significant educational research; in fact, the data collected within the program have already been used by several students from the IDDE department for their dissertation and research papers.

About the speaker

Dr. Edmonds joined Project Advance (<http://supa.syr.edu>) in 1991 as part of the evaluation team, becoming associate director in 1994 and director in 2002. In addition to overall responsibility for Project Advance, he administers the college learning strategies, computer engineering, and economics courses. Edmonds served as the founding president (2002) for the National Alliance of Concurrent Enrollment Partnerships (NACEP) and was elected to a second term as president (2004-2006). He currently serves as past president and chair of the Accreditation Committee on the NACEP Board of Directors. His research interests lie in applying technology to instructional settings and improving school-college partnerships.

IDD&E Brown Bag Seminars in 08 Fall Semester

Two brown bag seminars were held in the Huntington Hall ERC conference room during the 08 fall semester (October 23rd and November 13th), featuring four doctoral students giving presentations on their research and dissertations. The brown bag seminars have been attended by both doctoral and masters students from IDD&E. Professor Tiffany A. Koszalka also attended the first brown bag seminar. The brown bag seminar is a tradition for IDD&E students to share and discuss their research topics. Sanghyeon Cheon, a PhD Student from IDD&E, was the organizer of both brown bag seminars. The following topics were discussed in the two brown bag seminars.

1. ***“Educational Simulations: Elements that affect the transfer of Knowledge” by John A. Gonzalez.*** John discussed the concept of knowledge transfer, its mechanisms, and theoretical underpinnings. Based on prior empirical research, he has decided to conduct a study that uses simulations as a vehicle to better understand transfer mechanisms. His study will examine the instructional elements and conditions of a simulation that can be manipulated to enhance the probability of transferring knowledge to solve novel problems. After his presentation, several audience members expressed their opinions regarding such issues as the validity of transfer theory and the appropriate scope of the proposed study.
2. ***“Toward an adaptive instruction of meditation: Aptitude treatment interaction in meditation program” by Sanghyeon Cheon.*** Sanghyeon is a Buddhist minister from South Korea and has been a meditation practitioner for years before he came here. During the brown bag seminar, he first introduced the concepts of two different meditation programs, sitting-oriented and movement-oriented by guided practice. Then he discussed his research design, aiming to answer the question “Do degrees of trait-anxiety reduction by different types of meditation programs differ depending on the levels of trait-anxiety prior to treatments?” The ensuing discussion focused on the issue of how to control the extraneous variables and several suggestions were proposed.
3. ***“Elements of an Educational Game” by Nilay Yildirim.*** In the seminar, Nilay first put forward her definition of “educational game” and briefly discussed its characteristics. Then she argued that to make sure that a game is carrying instructional value and that it is engaging or fun at the same time, the following elements should be exhibited within the game: instructional elements, which are theories, educational content, goals, learning tasks, feedbacks and assessments; and engagement elements, which are fantasy, challenge, control, social interaction, curiosity, etc. [*Continued next page*](#)

4. *“The impact of Syracuse University's Project Advance on student's performance/persistence” by Kalpana Srinivas.* Kalpana Srinivas shared with the group her dissertation research with regard to the impact of SUPA (Syracuse University’s Project Advance) on student performance and persistence. Her research investigates the impact of SUPA on students’ first year/cumulative GPA, course grade in the subsequent course, first year college completion, and degree attainment based on the extant data from fall 1997 to fall 2008. She also will attempt to find out if the SUPA program effects vary with race/ethnicity, gender, socioeconomic status, or number of SUPA courses taken in high school.

SOE Luncheon Workshops

School of Education faculty presented their scholarship at a luncheon symposia sponsored by the Dean of SOE, On October 28 and November 17, 2008. Five SOE faculty including Dr Jing Lei and Dr. Alan Foley from IDD&E presented their research.

Dr. Lei presented a talk entitled "Digital Natives As Pre-Service Teachers: What Technology Preparation Is Needed?" Dr. Foley spoke about "Design For Access And Inclusion In The Age Of [Digital] Customization" These symposia were an opportunity for SOE faculty to present their scholarship in action. Each faculty presented for 15 minutes followed by questions and discussion.

Conference Presentations

AECT

The most recent AECT (Association for Educational Communications & Technology) Conference was held in Orlando, Florida from November 6-9, 2008. This year’s conference main theme was “On the Horizon: Rays to the Future” Sub-themes were virtual worlds and mobile learning, gaming for education, educational transformation, cybernetics, and design culture. Several IDD&D students and Tiffany Koszalka presented papers and poster presentations, and participated in various activities.

- **Tiffany A Koszalka, Audrey Forbes, Yiyan Wu, & Liangyue Lu:** Resuming the Conversation: How Should Instructional Designers Be Educated?
- **Yiyan Wu:** Evaluation of Instructional Design in a Cross-Institutional Collaboration within a Distributed Educational Environment
- **Nilay Yildirim:** Elements of an Educational Digital Game
- **John Gonzales:** Voluntary activities



Left to right:
Yiyan Wu, John Gonzales and Nilay Yildirim

Dr. Tiffany Koszalka successfully completes her term as the president of the AECT Design & Development Division.

As one of her greatest accomplishments during her term as D&D president, Tiffany primarily focused on advocating the importance of instructional design practices. In recent years, the Division has implemented a Design Showcase at the annual conference to increase the visibility of the 'practices' of the instructional design field. Under her presidency, the Division has enhanced the Showcase activities and moved toward turning this from a Division event to an AECT association wide event at the AECT annual conference. The Design Showcase provides opportunities to see and discuss outstanding examples of instructional products used in practice of K-12, higher education, business/industry, military and government, non-for-profit, and a variety of other instructional environments.

As part of her presidency, the Division also surveyed D&D members to understand why the members engage or do not engage in Division activities beyond attending and presenting at the annual conference. Tiffany, as the president, conducted a membership wide survey in June 2008 to identify ideas that would interest more members in engaging in value-added activities during and outside of the annual conference. Several other divisions followed this lead and surveyed their members as well. Tiffany had an opportunity to share the results of this survey during the D&D membership meeting at the 2008 AECT annual conference.

AEA

AEA (American Evaluation Association) held its annual conference Wednesday, November 5, through Saturday, November 8, 2008 in Denver, Colorado. The conference was divided into 41 Topical Strands that examined the field from the vantage point of a particular methodology, context, or issue of interest to the field as well as the Presidential Strand highlighting this year's theme of Evaluation Policy and Evaluation Practice.

Karen Zannini Bull, Jie Zhang and Jingye Zhou with Professor Nick Smith traveled to Denver to attend the AEA conference and present papers.

- **Nick Smith:** Fundamental Evaluation Issues in a Global Society
- **Karen Zannini Bull & Nick Smith:** Conceptual and Empirical Problems in Evaluating Evaluation Theory
- **Jie Zhang & Nick Smith:** An Analysis of Empirical Studies of Evaluation Practice
- **Jingye Zhou:** Organization Evaluation Policy: A Guide to Decide the Proper Purposes of Evaluation.

E-Learn

2008 E-Learn conference organized by the Association for the Advancement of Computing in Education (AACE) was held in Las Vegas, Nevada from November 17-21, 2008.

The conference served as a multi-disciplinary forum for the exchange of information on research, development, and applications of all topics related to e-Learning in the corporate, government, healthcare, and higher education sectors. Sunghye Lee attended and presented her paper at the conference.

- **Sunghye Lee:** Professors' Perceptions and Needs on Blended e-Learning



Sunghye Lee at E-Learn

Curiosity Creek© Themed After-School Computer Club

Dr. Tiffany Koszalka continues her involvement in developing kids' literacy and critical thinking skills, and building competencies with new technologies through a Curiosity Creek© themed after school computer club. Dr. Koszalka, professor Marilyn Arnone (School of Information Studies) and a team of IDD&E graduates students, John Gonzales, Ashley Poor, Yan Suo, Yan Huang, Celestia Ohrzada, and Mehkta Sophia Waney are currently running a highly motivating after-school computer club, one day per week at the Cathedral Academy at Pompei (CAP).

Based on the preliminary research relating to children's technology proficiencies, curiosity and information literacy, 21st Century dispositions for learning, and the findings from a previous NASA-sponsored after-school program, the project team revised and re-purposed the NASA-themed club to help young students learn the

inquiry, technical, and critical thinking skills they need to investigate and seek solutions to local and global environmental problems. The after school computer club engages the kids using "Curiosity Creek" (CC), an interactive Web-based and child-friendly learning environment. CC has fun characters and interactive activities that help very young children (K-2) develop the skills and dispositions necessary to become successful learners. In the club, 5th and 6th grade club members form a design team to create new CC resources for younger children (K-2) while learning new skills and developing subject knowledge.

Throughout the After-School Computer Club, the kids first chose a topic that interests them such as endangered species, coastal creek creatures, watersheds, global warming, etc. They develop digital literacy skills exploring their topic. They design and develop technology-based products exchanging feedback with peers and younger students and finally revise and publish their projects. The final products can be story puzzles, poetry, question pages, storybooks, videos, etc.



Dr. Marilyn Arnone dresses as Mimi, a character from Curiosity Creek, and visits Dr. Tiffany Koszalka and graduate students, Celestia Ohrzada, John Gonzales, and Ashley Poor at the CAP Curiosity Creek after-school club



Students are sharing their story puzzles with Professor Marilyn Arnone

By developing these products, club members engage in opportunities to explore areas of interest, develop technology and process thinking skills, practice communication and teamwork, showcase their work, service others, and build the confidence and pride that is so important to feeling successful in learning. Current data and experience with this project indicates that club members are already feeling more confident about their technology proficiencies, information-seeking skills, and product creation abilities.

Upcoming Conferences

2009 Kelly Conference

You are invited to attend the 23rd Kelly Conference in Albany, New York. The Edward F. Kelly Conference is a graduate student organized regional evaluation conference, whose goal is to provide graduate students in the field of evaluation an opportunity to present original research and network with professionals in the field. This year the conference will be held March 27th, 2009 at State University on New York at Albany under the main theme, "Evaluating Systems Change"

- When: March 27th, 2009 (Proposal submission closed)
- Where: University at Albany/SUNY Albany, NY
- Who: Graduate student
- Cost: \$45 (including pre-conference social on March 26th night, the professional development workshop, and the conference registration fee)
- Transportation: Car pools will be organized when the day of the conference approaches

For more information, please visit the conference website at <http://www.albany.edu/kelly/>

If you have a question, you may also contact: Sanghyeon Cheon (junsh83@gmail.com) or Jingye Zhou (jzhoud@gmail.com).

2009 AERA Annual Meeting

The 2009 AERA (American Educational Research Association) Annual Meeting will take place April 13 –April 17, 2009 in San Diego, CA. This year's theme is "Disciplined Inquiry: Education Research in the Circle of Knowledge" AERA is the most prominent international professional organization, with the primary goal of advancing educational research and its practical application.

<http://www.aera.net>

ASTD 2009 International Conference & Exposition

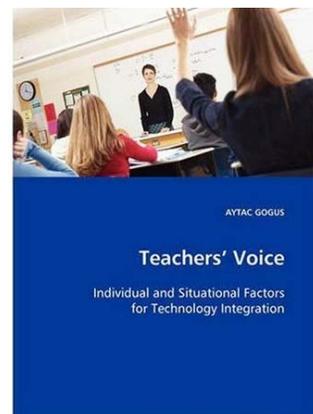
The ASTD (American Society for Training & Development) International Conference & Exposition will be held May 31 - June 3, 2009 at Walter E. Washington Convention Center, Washington DC. This is a premier event for workplace learning and performance professionals with changes and innovations in the global marketplace. Participants can expect a conference filled with the latest trends and best practices in the field of workplace learning and performance, engaging sessions with experts in the industry, and a world-class EXPO filled with cutting-edge suppliers.

<http://www.astd2009.org/>

News from Alumni

Dr. Aytac Gogus, an alumnus of IDD&E has published a book called **"Teachers' Voice: Individual and Situational Factors for Technology Integration"** from her dissertation studies. The book is recommended for any doctoral candidates who want to conduct educational research or learn about research methodology concerning issues of technology integration and factors influencing teachers' efforts. Also her book may be used as a text book. The book is available through amazon.com.

[Continued next page](#)





Aytac Gogus, Sabanci University, CIAD
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Dr. Aytac Gogus graduated in 2005. Her dissertation study investigated the individual and situational factors that influence teachers' integrating graphing calculators into high school mathematics classrooms.

She is currently an academican at Sabanci University, Center for Individual and Academic Development in Istanbul, Turkey. Dr. Gogus has administrated a grant project with the title Evaluation of Mental Models. <http://www.sabanciuniv.edu/bagem/emm/eng/>
Prof. Michael J. Spector and Prof. Norbert Seel are external evaluators of the project.

Aytac sends greetings to all IDD&E family and invites all to Turkey.

Congratulations to Andrea Sanrocco, an IDD&E masters student who works as an instructional designer in the ESL Federal union (Rochester, NY) training department. ESL Federal union was ranked 57th in 2008 in the Training Top125.

http://www.trainingmag.com/msg/content_display/publications/e3ia49bf70432d3f6151f08b0baa6d4a82b

IDD&E EXAM SCHEDULE FOR SPRING & SUMMER 2009

SPRING 2009

- Master's Exam: Registration deadline March 1
- Doctoral Portfolio Review: Registration deadline February 23
- Doctoral Qualifying Exam:
 - Deadline for registration: Wednesday, April 1
 - Research: Thursday, April 30
 - Design: Friday, May 1
 - Development: Monday, May 4
 - Evaluation: Tuesday, May 5
 - Management: Wednesday, May 6

SUMMER 2009

- Doctoral Qualifying Exam:
 - Deadline for registration: Wednesday, July 1
 - Research: Thursday, August 13
 - Design: Friday, August 14
 - Development: Monday, August 17
 - Evaluation: Tuesday, August 18
 - Management: Wednesday, August 19

Research must be taken first then a choice of **three** of the following: Design, Development, Management and Evaluation.

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