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THE TACTL RECORD

Newsletter of the American Educational Research Association (AERA) Special Interest Group

Controversy marks change to SIG slot allocations

During its winter meeting, the AERA Executive Council voted to adopt a new way of allocating the number of sessions SIGs have on the AERA program. For the last several years, each SIG has received an allocation of sessions based on the number of official AERA members belonging to that SIG. In addition to a Business Meeting and one "substantive session" given automatically to each SIG, AERA's allocation formula provided more sessions and roundtables to larger SIGs than to smaller ones.

Despite objections raised by the SIG Council President, the AERA Council decided that for the 2007 Annual Meeting (in Chicago) and beyond, SIG

allocations will be based on a joint consideration of: (a) the number of proposals submitted and (b) the number of our SIG members. Of these two, proposal submissions will be the main factor determining the number of sessions and roundtables we receive.

This decision provoked instant negative reaction from SIG leaders and members. However, the method for assigning sessions is not in the bylaws and may be changed by vote of AERA's Council. To increase our allocation, TACTL members are encouraged to ask colleagues to join our SIG and to help increase the number of proposals submitted for the 2007 AERA program.



From the SIG President ...
TACTL 2005-2006 President,
M. D. Roblyer

The AERA Annual Conference will be held in San Francisco on April 7-12, 2006. Hold the dates!



SIG Member Spotlight: Steven C. Mills

If you have had an opportunity to peruse the TACTL website recently, you have seen some of the contributions that TACTL webmaster Steve Mills has made to our SIG communications. In addition to being a talented website designer, Dr. Mills is an experienced researcher and program evaluator. His recent work focuses on studies of virtual school pro-

grams. He has published many articles and papers in this area, as well as books such as *Technology Tools for Teachers: A Microsoft Office Tutorial* (© 2006, Pearson Education). Dr. Mills is currently Director and CEO of the University Center of Southern Oklahoma, a consortium of the state's higher education institutions.



Steve Mills, TACTL Webmaster



Mark your calendars for next year's AERA Annual Meeting, to be held in Chicago April 9-13, 2007.

Plan to attend the TACTL Business Meeting at this year's AERA Annual Meeting in San Francisco's Moscone Center, Room 3016 (3rd floor) on Saturday, April 8, 6:15—8:15 PM

See more information at our website at: <http://www.ahec.osrhe.edu/tactl>



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TACTL Call for Nominations Now Open

TACTL members are urged to respond to the *Call for Nominations* coming out at the same time as this newsletter. Leadership positions include:

President - TACTL general administrator & liaison between SIG & AERA; presides at meetings of the Executive Committee and annual business meeting; appoints ad hoc committees as needed; acts as Program Chair for AERA annual meeting at which the President's term expires.

Vice President - Acts as TACTL communications officer; compiles/disseminates newsletter; polls membership on most appropriate uses of SIG presentation slots; automatically assumes the role of President after being elected and serving as VP one year.

Secretary/Treasurer - Records and reports minutes of TACTL meetings; provides annual budget reports; keeps all documents and official correspondence of TACTL.

Program/Presentations Coordinator - Solicits competitive proposals, coordinating their review/ranking, and notifying competitors of the final disposition of all proposals; helps VP modify presentation times/allocations based upon quality and quantity of proposals.

Web Administrator - Maintains TACTL web site and keeps a historical account of activities on the web site.

Larry Cuban, Sessions Highlight TACTL Program



TACTL Speaker Dr. Larry Cuban

Dr. Larry Cuban, Stanford University Professor Emeritus and well-known researcher of technologies in schools, will be the featured speaker at TACTL's Annual Meeting. After the SIG concludes its regular business meeting, Dr. Cuban will give a presentation of approximately 40 minutes. After that, he will take questions from the audience for about 20 minutes.

Note the dates and times of other TACTL sessions and plan to attend. There will be two symposia, two paper sessions, and four paper discussion (roundtable) sessions, as follows:

TACTL Symposium 1:

Research on the Use of Games and Simulations in Education: What Are We Learning?

- Sat., April 8, 2:15—3:45 PM
- Moscone Ctr. West, 3rd floor, Room 3016

TACTL Symposium 2:

Preparing Teachers for the Distance Learning Classroom: Evaluation of the Teacher Training Goes into Virtual Schooling (TEGIVS) Project

- Fri., April 7, 12:00—2:00 PM
- Moscone Ctr. West, 2nd floor, Room 2022

Paper Session 1: Technology as an Agent of Change in Teacher Education

- Mon., Apr. 10, 12:25—1:55 PM
- Moscone Ctr. West, 2nd floor, Room 2009

– *Using Teacher Inquiry to Help Prospective Teachers Untangle the Complexities of Technology Use in Classrooms*

– *Using Technology to Foster Literacy Instruction: The Benefits for Pre-Service Teachers*

– *A Longitudinal Comparison of Teachers' Perceptions About and Subsequent Adoption of Technology in the Classroom*

– *"No One Likes Rust!" Digital Video Production as an Instructional Tool for 21st Century Science Education*

– *Longitudinal Assessment of Teacher Education Students' Attitudes, Use, and Confidence Toward Using Technology*

TACTL Sessions (continued)



American Educational Research Association

Paper Session 2: Technology as an Agent of Change in K-12 Environments

• Sun., Apr. 9, 10:35–12:05 PM

• Moscone Ctr. West, 2nd floor, Room 2024

– Using Integrated Technology in Middle School Classrooms to Impact Student Science Achievement

– Feedback, Reflection, and Revision in the 1:1 Laptop Computing Environment

– A Learning Revolution? Investigating Interactive Whiteboards as Pedagogic Tools in British Primary Classrooms

– What Impact Do Different Technology Uses have on Student Outcomes?

– Research on Educational Technology: Challenges to Implementation and Impact of Scientifically Based Research



Paper Discussion Session 1: Online Strategies in Education

• Sat., Apr. 8, 4:55–5:35 PM

• Moscone Ctr. West, 3rd floor, Room 3005

– Instructor's Scaffolding in Support of Student's Metacognition in an Academic Online Course

– The Effects of Online Follow-up and Collaboration on Completion of Professional Development

– Pedagogy, Self-Assessment and On-line Discussion Groups

– Teacher Team Work and Information and Communication Technology

– The Relationship of Adult Learning Styles and Success in Online Graduate Education

– Online Facilitation: Building Professional Knowledge Among Participants

– Implementing Constructivist Web-Based Learning in Teacher Preparation Courses Makes Good Sense



Paper Discussion Session 2: Technology as a Change Agent in Schools

• Fri., Apr. 7, 4:55–5:35 PM

• Moscone Ctr. West, 3rd floor, Room 3006

– Making Connections with Technology: Longitudinal Analysis of Hand-held Technology and Student Reading Achievement

– Interim Evaluation of Multi-format Professional Development on the Mathematical Understanding of Rural Teachers

– Handheld Technology as a Change Agent in a Middle School Environment

– The Beyond Hardware Initiative: Impact of Technology Integration on K-12 Achievement

– A Case Study on Students' Activities with CMC tools

– Instructional Strategies Used by Teachers During Student Use of Technology

– Technology and School Achievement for Young Language Minority Children



Paper Discussion Session 3: Uses of Technology in Pre-service Teacher Education (Co-sponsored with Computer Applications & Internet SIG)

• Sat., Apr. 8, 11:25–12:05 PM

• Moscone Ctr. West, 3rd floor, Room 3009

– Costs and Benefits of Electronic Portfolios in Teacher Education: Faculty and Administrative Perspectives

– Teacher Candidate Reflection on Teaching Episodes Using Video Editing

– "Doing What We Know:" Preservice English Teachers' Teaching with Technology during Student Teaching

– Developing Pedagogical Technology Integration Content Knowledge in Pre-service Teachers: A Case-Study Approach

– Effective Technology Integration in Pre-service Teacher Education: Challenging Expectations

– Mentoring Interns in Using Technology

– Virtually Aesthetic: Exploring Teacher Education Students' Experiences of Online Learning



Paper Discussion Session 4: Innovative Technology Uses in the U. S. and Abroad (Co-sponsored with Computer Applications & Internet SIG)

• Mon., Apr. 10, 3:05–3:45 PM

• Moscone Ctr. West, 3rd floor, Room 3005

– Instructional Computer Use by COE Faculty in Turkey: Application of Diffusion of Innovations Theory

– First Year Teachers' Expected and Actual Technology Integration: Knowledge, Values, and Teaching Practice

– Ready or Not - Technology Skills that Support Data-Driven Decision-Making with the ITAAR Model

– Expanding Digital Equity via Open Source Tools in Education

– Effects of a Faculty Technology Mentoring Program on Faculty Adoption of Instructional Technology

– Using Global Classrooms to Influence Attitudes Toward Science and Civic Responsibility: An American-Tanzanian Exchange

– When Are "Mobile" Digital Technologies Mobile?: An Activity Theory Perspective on a Laptops Initiative for Students With Literacy Difficulties

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<http://www.ahec.osrhe.edu/tactl/>



Technology as an Agent of Change in Teaching and Learning

Newsletter of the
American Educational Research Association
(AERA) Special Interest Group

Send newsletter articles and ideas to

Editor: M. D. Roblyer
mroblyer@bellsouth.net

TACTL Membership Application



American Educational Research Association

Name: _____ Title: _____

Affiliation: _____

Address: _____

Email: _____

Telephone: _____

Fax: _____

AERA member? Please check one:

Yes No

Membership Level? Please check one:

Full member, one year: \$10.00

Full member, two years: \$20.00

Student member, one year: \$5.00

Student member, two years: \$10.00

Please send check or money order in U. S. funds to:

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