The 2005 CRESST Conference

Celebrating 20 Years of Research on Educational Assessment

September 8-9, 2005
University of California, Los Angeles

INSIDE: Spring CRESST Line 2005 News
2005 CRESST Conference Registration Form

Thursday, September 8 - Friday, September 9, 2005

Please fill in the registration form below and fax to Kim Hurst at 310-825-3883 or mail to Kim at CRESST/UCLA, 300 Charles Young Drive North, GSE&IS Bldg., Box 951522, Los Angeles, CA 90095-1522. Questions may be directed to Kim at 310-794-9140 or kim@cse.ucla.edu.

Registration forms must be received by CRESST no later than August 15 and payment by August 22, 2005. Please print clearly in black ink or type.

Name (print)____________________________________________________________________________
Title ___________________________________________________________________________________
Organization____________________________________________________________________________
Address ________________________________________________________________________________
City ___________________________________State _________Zip _______________________________
Phone _________________________________Fax _____________________________________________
E-mail _________________________________Website _________________________________________

Registration Options: ON-SITE or COMMUTER

The $500 ON-SITE conference registration fee includes housing on Wednesday and Thursday nights, parking if necessary, and all meals for two days at the Sunset Village Conference Center. Extra nights are $150 per night, including meals. NO PARTIAL PLANS ARE AVAILABLE.

The $300 COMMUTER registration fee includes most meals and parking, but no housing.

Pay by check (payable to Regents of UC), purchase order, or credit card (card information below).

☐ ON-SITE - $500 ($450 if paid by July 15, 2005)  Registration Fee $ _______________
   Extra nights at $150 per night:  Extra Night/s $ _______________
   □ Tues. □ Fri. □ Other (specify)________

☐ COMMUTER - $300 ($275 if paid by July 15, 2005)  $ _______________
   Total $ _______________

Credit Card Information:  ☐ Visa ☐ MasterCard ☐ Discover

Card Number __________________________ Expiration Date __________________________

Name

Signature
THE 2005 CRESST CONFERENCE

CELEBRATING 20 YEARS OF RESEARCH ON EDUCATIONAL ASSESSMENT

WELCOME
In 1985, the National Center for Research on Evaluation, Standards, and Student Testing (CRESST), was founded. CRESST’s guiding mission was, and still is, to conduct high quality research on urgent accountability topics. This year’s CRESST conference will celebrate the many contributions that our research has made to American schools and the public, with more than 40 presentations from leading national and international accountability experts. Participants will also have an opportunity to learn about the new CRESST research program, POWER-SOURCE, a cognitive-based formative assessment system to increase student learning and achievement. POWER-SOURCE will be funded as part of CRESST’s new competitive center award from the U.S. Department of Education’s Institute of Education Sciences.

The modest size of the CRESST conference, usually about 300 educators and researchers, ensures that you will have personal contact with all of our conference presenters. Long after the CRESST conference is over, our researchers and staff will remain available to help answer your most difficult accountability and evaluation questions. Please join us as we mark 20 years of service to our nation.

WHEN?
The CRESST conference will begin at 8:30 a.m., Thursday, September 8th and conclude at 4:30 p.m., Friday, September 9th. Early arrivals on September 7th will enjoy hors d’oeuvres and refreshments on the third floor of the UCLA Sunset Village Conference Center, beginning at 4:00 p.m.. On Thursday evening, enjoy a full reception, banquet, and dancing to many of your favorite tunes.

WHERE?
UCLA’s Sunset Village Conference Center is again the beautiful setting for this year’s two-day gathering. Accommodations in private rooms are conveniently located adjacent to the conference center and parking. All residential conference guests enjoy complimentary access to UCLA’s outstanding recreational facilities including the John Wooden Center, outdoor tennis courts, and an Olympic-size pool at Sunset Canyon Recreation Center.

While in Los Angeles, visit the Getty Museum, Kodak Theatre, Walt Disney Concert Hall, Universal Studios, Hollywood Bowl, or any of dozens of attractions. Beverly Hills and the Pacific Ocean are just minutes away. For more information visit the following websites:

- Getty Museum — getty.edu
- Kodak Theatre — kodaktheatre.com
- Walt Disney Concert Hall — wdch.laphil.com
- Universal Studios — universalstudios.com
- Hollywood Bowl — hollywoodbowl.com

REGISTRATION FEES AND HOUSING
Unlike most other conferences, the CRESST conference registration fees cover virtually all of your costs, including housing and meals. The ON-SITE $500 registration fee includes:

- conference registration (more than 40 presentations)
- housing for two nights
- three meals per day
- hospitality suite
- major hosted reception
- five course buffet dinner with dancing
- parking
- conference gift

Extra nights are $150 per night, including meals.

The $300 COMMUTER fee includes all of the above except for housing, and substitutes a continental breakfast instead of a full breakfast.

Register by July 15th and receive $50 off the ON-SITE registration fee or $25 off the COMMUTER fee. We must receive registration forms by August 15th and total payment by August 22nd.

We look forward to seeing you in September!
THE 2005 CRESST CONFERENCE

CELEBRATING 20 YEARS OF RESEARCH ON EDUCATIONAL ASSESSMENT

Draft Agenda

Presenters, session titles, and times are subject to change. Presenters are confirmed unless otherwise noted.

WEDNESDAY, SEPTEMBER 7, 2005

4:00 - 8:00 p.m.
Hospitality Suite
Complimentary hors d’oeuvres and refreshments for CRESST conference participants

THURSDAY, SEPTEMBER 8, 2005

8:00 - 8:30 a.m.
Continental Breakfast

8:30 - 8:45 a.m.
CRESST Conference Welcome
Aimée Dorr, Dean, UCLA Graduate School of Education & Information Studies
Eva Baker, CRESST/UCLA

8:45 - 10:15 a.m.
Learning from History: Assessment and the Improvement of Student Learning
Edmund T. Gordon, Columbia University
Lorrie Shepard, CRESST/University of Colorado at Boulder
Edward Haertel, CRESST/Stanford University
H.D. Hoover, University of Iowa/Iowa Test of Basic Skills

1:30 - 3:15 p.m.
Concurrent Sessions
Other confirmed presenters on critical accountability and evaluation issues include:
Jamal Abedi, CRESST/UCLA – Opportunity to Learn and Assessment of English Language Learners
Pete Goldschmidt and Kilchan Choi, CRESST/UCLA – Accountability Models: Practical Considerations and Consequences of Implementing Alternatives to AYP
Denise Huang, CRESST/UCLA – Identifying and Validating Promising Math and Reading Afterschool Programs
Margaret Heritage, CRESST/UCLA – Promising Technology to Connect Curriculum, Instruction and Assessment of Young Children

3:30 - 5:00 p.m.
Accelerating Future Possibilities for Assessment and Learning
Robert Mislevy, CRESST/University of Maryland
John Bransford, University of Washington (invited)
Harold F. O’Neil, CRESST/University of Southern California
Greg Chung, CRESST/UCLA

6:00 - 7:00 p.m.
CRESST Reception
Fully hosted refreshments and hors d’oeuvres

7:00 - 10:00 p.m.
CRESST Dinner and Dancing
Enjoy a five-course deluxe buffet, refreshments, and live music
Draft Agenda

FRIDAY, SEPTEMBER 9, 2005

8:00 - 8:30 a.m.
Continental Breakfast

8:30 - 10:00 a.m.
Integrating Assessment and Learning

Eva Baker, CRESST/UCLA
Lauren Resnick, CRESST/University of Pittsburgh
(invited)
John Sweller, University of New South Wales
Richard Mayer, University of California, Santa Barbara (invited)

10:15 - 11:45 a.m.
Making Evidence-Based Practice a Reality in Schools and Classrooms

Joan Herman, CRESST/UCLA
Brian Stecher, CRESST/RAND
Geno Flores, California Department of Education
David Niemi, CRESST/UCLA

Noon - 1:00 p.m.
Lunch

1:00 - 2:45 p.m.
Expert Panels

Four moderated expert panels answering your questions on key accountability topics. We plan for expert panels on—

- Accountability Policy
- Assessment of English Language Learners
- Measuring Progress
- Formative Assessment

3:00 - 4:30 p.m.
A Century of Testing: Ideas on Solving Enduring Accountability and Assessment Problems

Barry McGaw, Organisation for Economic Co-Operation and Development
Richard Clark, CRESST/University of Southern California
Steven Dunbar, CRESST/University of Iowa
Richard Shavelson, CRESST/Stanford University

WHAT CRESST CONFERENCE PARTICIPANTS SAID LAST YEAR

Coming to the CRESST Conference gives me access to current thinking that challenges me to think about my own work in new ways. I feel connected to a bigger picture.

School District Special Projects Director

I was very impressed with the quality of invited speakers, the coherence of the program, and the organization.

Associate Director/Postdoctoral Fellow
Stanford University

I love the small scale of the [CRESST] Conference and the personal attention. Great job!

Coordinator, District Planning, Assessment & Research
CRESST Co-directors Eva Baker, Robert Linn, and Joan Herman recently announced that CRESST was awarded a 10 million dollar research and development center grant to investigate the effectiveness of a new formative assessment system called POWERSOURCE. The award is from the U.S. Department of Education’s Institute of Education Sciences. Building on previous CRESST research and development into model-based assessments, POWERSOURCE responds to the needs to prepare students for success in algebra, improve teacher knowledge, and enrich classroom assessments in mathematics where American student performance has lagged far behind other nations.

“This award marks the fifth consecutive, competitive selection of CRESST by the U.S. Department of Education,” said CRESST Co-director Eva Baker, a principal investigator and professor in UCLA’s Graduate School of Education & Information Studies (GSE&IS). ”We are delighted and ready,” added CRESST Co-director Joan Herman, who will lead the operational phase of the study.

"CRESST will conduct a randomized controlled experiment," explained Co-director Robert Linn, “comparing performance between classrooms using POWERSOURCE assessments to those using a standard district curriculum.”

Spread over five years, the new funding from the Institute of Education Sciences at the U.S. Department of Education allows CRESST to develop innovative mathematics classroom assessments in grades 6-8, a crucial learning period for many students who oftentimes stumble once they reach algebra. Each assessment will be aligned to world-class mathematics standards, build on recent cognitive research, and provide frequent information about how well students are performing so that teachers can make immediate adjustments as necessary. Students’ learning will be tested on state and international examinations.

"Another part of our effort," said Herman, "is to simultaneously create web-based professional development tools to help teachers use POWERSOURCE assessments to improve instruction and learning." Research has shown that teacher learning and support systems are crucial to the success of educational interventions, added Herman. POWERSOURCE will also provide opportunities for new methodological developments.

"We are thrilled with this opportunity for CRESST," said GSE&IS Dean Aimée Dorr, "which has long been considered a model research center, respected for high quality research and development, and educational products that help schools.”

"CRESST will conduct a randomized controlled experiment," explained co-director Robert Linn, “comparing performance between classrooms using POWERSOURCE assessments to those using a standard district curriculum.” The intervention will be evaluated by rigorous research methods, added Linn, to verify if and how well POWERSOURCE works to increase student learning.

Assisting CRESST in the research phase of the project will be leading assessment researchers from UCLA, the University of Colorado at Boulder, Harvard University, and RAND Corporation. Funding begins in June 2005 and runs for five years.
Below are recent CRESST research reports that may be downloaded from the CRESST website at no cost. If you find our reports helpful to your work, please drop us a line at “ron@ucla.edu” and let us know how we are doing.

**Measurement Issues in the Alignment of Standards and Assessments: A Case Study**
Joan L. Herman, Noreen M. Webb, & Stephen A. Zuniga
CSE Report 653 (2005)

**CRESST Performance Assessment Models: Assessing Content Area Explanations**
Eva L. Baker, Pamela R. Aschbacher, David Niemi, & Edynn Sato
CSE Report 652 (1992)

**Test-based Educational Accountability in the Era of No Child Left Behind**
Robert L. Linn
CSE Report 651 (2005)

**Issues in the Design of Accountability Systems**
Robert L. Linn
CSE Report 650 (2005)

**Making Accountability Work to Improve Student Learning**
Joan L. Herman
CSE Report 649 (2005)

**Math and Science Academy: Year 4 Evaluation Report**
Ellen Osmundson & Joan Herman
CSE Report 648 (2005)

**Modeling Heterogeneity in Relationships Between Initial Status and Rates of Change: Latent Variable Regression in a Three-Level Hierarchical Model**
Kilchan Choi & Michael Seltzer
CSE Report 647 (2005)

**Task Templates Based on Misconception Research**
Jennifer G. Cromley & Robert J. Mislevy

**Aligning Curriculum, Standards, and Assessments: Fulfilling the Promise of School Reform**
Eva L. Baker

**The Relationship Between School Quality and the Probability of Passing Standards-Based High-Stakes Performance Assessments**
Pete Goldschmidt & Jose-Felipe Martinez-Fernandez
CSE 644 (2004)

**My Current Thoughts on Coefficient Alpha and Successor Procedures**
Lee J. Cronbach
Editorial Assistance by Richard J. Shavelson

**Academic English in Fifth-grade Mathematics, Science, and Social Studies Textbooks**
Frances A. Butler, Alison L. Bailey, Robin Stevens, Carol Lord, & Becky Huang

**Corrective Action in Low-Performing Schools: Lessons for NCLB Implementation from State and District Strategies in First-Generation Accountability Systems**
Heinrich Mintrop & Tina Trujillo

**Application of Generalizability Theory to Concept-Map Assessment Research**
Yue Yin & Richard J. Shavelson

**Informal Formative Assessment of Students’ Understanding of Scientific Inquiry**
Maria Araceli Ruiz-Primo & Erin Marie Furtak
JAMAL ABEDI

Congratulations to CRESST Partner Jamal Abedi for his appointment to a Technical Work Group (TWG) that advises on the evaluation of the National Assessment of Educational Progress (NAEP). During the next 2 1/2 years, Dr. Abedi will participate in a series of meetings to make recommendations related to the NAEP evaluation design and support studies, according to Teresa Eckout, a spokesperson for the work group.

We are also pleased to announce that Dr. Abedi was recently selected to serve on the General Advisory Committee of the National Accessible Reading Assessment Projects (NARAP). NARAP is a collaboration of projects including the Partnership for Accessible Reading Assessment, a consortium made up of the National Center on Educational Outcomes, the National Center for Research on Evaluation, Standards, and Student Testing, and Westat, Inc.

"As a leading researcher in the assessment of English language learning students, it is exciting to see Jamal's exceptional research recognized," said CRESST Co-director Joan Herman.

ALISON BAILEY

Education Associate Professor Alison Bailey received the 2004 Faculty/Staff Partnership Award from the Staff Assembly for successful collaboration with staff in the research, teaching, and service areas. Presenting the award to Dr. Bailey is Hassan Ghamlouch from UCLA's Staff Assembly.