October 7, 2013

MEMORANDUM

TO: Executive Vice President Richard Edwards

FROM: Richard De Lisi, Dean

RE: GSE Updates for Cabinet Meeting

The following are GSE Updates for June through September

Grants and Fundraising Efforts

Cindy Blitz (Research Professor, Dean’s Office) was awarded $467,775 from New Jersey Department of Education for “Common Core Academy” (7/13-8/13).

Cindy Blitz (Research Professor, Dean’s Office) was awarded $340,000 from New Jersey Department of Education for “Using Formative Assessments to Improve Teaching and Learning” (9/13-8/14).

Jimmy de la Torre (Department of Educational Psychology) was awarded $83,776 from the National Science Foundation for “CAREER: A Comprehensive Modeling Approach to Cognitively Diagnostic Assessment: Methodological Developments and Practical Implementations-SUPPLEMENT” (9/13-7/14).

Cindy Hmelo-Silver (Department of Educational Psychology) was awarded $346,892 for “Effects of Computer Support for Collaborative Learning in STEM Education: A Research Synthesis” (7/13-6/15).

Ariana Mangual Figueroa (Department of Learning and Teaching) was awarded $55,000 from the Spencer Foundation for “Citizenship, Socialization, and Schooling in the Lives of Mixed-Status Mexican Families” (9/13-6/15).

Carolyn Maher (Department of Learning and Teaching) was awarded $198,982 for “Collaborative Research: R&D: Cyber-Enabled Design Research to Enhance Teachers’ Critical Thinking Using a Major Video Collection on Children's Mathematical Reasoning-SUPPLEMENT” (8/13-4/14) Co-PIs: Cindy Hmelo-Silver, Marjory Palius, Grace Agnew.

Saundra Tomlinson-Clarke (Department of Educational Psychology) was awarded $42,000 from the Dodge Foundation for “STEAM Consortium: Facilitating Creativity and Innovation through Arts Education Curriculum” (8/13-7/14) Co-PI Penelope Lattimer.
Shannon Ayers (NIEER) was awarded $139,400 from the West Virginia Department of Education for “Kindergarten Early Learning Scale Validation Research Study for West Virginia” (8/13-7/14).

Steve Barnett (Department of Educational Theory, Policy, and Administration and NIEER) was awarded $52,079 for “NIEER Support for Federal and State Policy Development” (7/13-7/14).

Publications


Rinehart, R., Ravit Duncan (Department of Learning and Teaching), Clark Chinn (Department of Educational Psychology), Dianovsky, M. T. (2013). Digital evidence and scaffolds in a model-based inquiry curriculum for middle school science. In N. Rummel, M. Kapur, M. Nathan, & S. Punambeke (Eds.), *To see the world and a grain of sand: Learning across levels of space, time and scale.* (pp. 341-342). 10th International Conference on Computer Supported Collaborative Learning.


Tanja Sargent (Department of Educational Theory, Policy and Administration), Kong, P. and Zhang, Y. (2013). Home environment and educational transitions on the path to college in rural northwest China. *International Journal of Educational Development*. http://dx.doi.org.proxy.libraries.rutgers.edu/10.1016/j.ijedudev.2013.05.003


Conferences, Seminars, Other Events

Steve Barnett (Department of Educational Theory, Policy and Administration) "State Pre-K Evaluation: What can we learn from the Perry Preschool Study and past state efforts?" and "What do we know about ensuring quality pre-k" to the Alabama SEA and Evaluation Committee Staff Retreat, Montgomery, AL, September 2013.


Steve Barnett (Department of Educational Theory, Policy and Administration) "What works? Evidence based programs and practices," National Summit on Hispanic Early Learning, Panelist, Miami, FL, September 2013.

Steve Barnett (Department of Educational Theory, Policy and Administration) "Securing the social benefits from ECCE," Asia-Pacific Forum on ECCE, Keynote address, Seoul, South Korea, September 2013.


Clark Chinn (Department of Educational Psychology) Discussant of symposium Dealing with (Socio-)Scientific Controversies: Epistemic, motivational, and cognitive dimensions. Discussion presented at the biennial meeting of the European Association for Research on Learning and Instruction, Munich, Germany, August 2013.

Rinehart, R. W., & Clark Chinn (Department of Educational Psychology) “Student use of anomalous authentic scientific data in the face of competing explanatory frameworks.” Poster presented at the biennial meeting of the European Association for Research on Learning and Instruction, Munich, Germany, August 2013.

Clark Chinn (Department of Educational Psychology) Discussant of symposium Scripting and orchestration: Recent theoretical advances. Discussion presented at the biennial Computer Supported Collaborative Learning conference, Madison, WI, June 2013.

Chia-Yi Chiu (Department of Educational Psychology) “Statistical refinement of the Q-Matrix in cognitive diagnosis” paper presented at international meeting of the Psychometric Society (IMPS), Arnhem, Netherlands, July 2013.

Chia-Yi Chiu (Department of Educational Psychology) “Nonparametric approaches to cognitive diagnosis,” invited workshop held at the Graduate Institute of Educational Measurement and Statistics, National Taichung University of Education, Taichung, Taiwan, June 2013.

Chia-Yi Chiu (Department of Educational Psychology) “Statistical refinement of the Q-Matrix in cognitive diagnosis,” Graduate Institute of Educational Measurement and Statistics, National
Taichung University of Education, Taichung, Taiwan, June 2013.

Jimmy de la Torre (Department of Educational Psychology) “Some models and procedures for cognitive diagnosis modeling.” Paper presented at Biennial Meeting of the World Statistics Congress, Hong Kong, SAR, China, August 2013.


Jimmy de la Torre (Department of Educational Psychology) “Comparing item selection methods in CAT for cognitive diagnosis.” Invited keynote presentation at Cognitive Diagnosis Modeling and Assessment Workshop and Conference, Taichung, Taiwan, June 2013.

Jimmy de la Torre (Department of Educational Psychology) “Cognitive diagnosis modeling: A general framework and some recent developments.” Invited presentation at the Applied Measurement and Evaluation Center Colloquium, Chungnam National University, South Korea. July 2013.

Jimmy de la Torre (Department of Educational Psychology) “Comparing item selection methods in CAT for cognitive diagnosis.” Invited keynote presentation at Cognitive Diagnosis Modeling and Assessment Workshop and Conference, Taichung, Taiwan, June 2013.

Eugenia Etkina (Department of Learning and Teaching) “Using physics to help students develop scientific habits of mind.” Opening keynote address at the International Conference on Physics Education – ICPE-EPEC, Prague, Czech Republic, August 2013.

Eugenia Etkina (Department of Learning and Teaching) “Can an instructional lab resemble a physics lab?” Invited talk at the AAPT Summer meeting, Portland, Oregon, July 2013.


Gregorcic, B, Eugenia Etkina (Department of Learning and Teaching), Planinsic, G. “An effective use of interactive whiteboards - a design based research approach.” A contributed talk at the ICPE-EPEC 2013 conference, Prague, Czech Republic, August 2013.
Gregorcic, B., Planinsic, G., and Eugenia Etkina (Department of Learning and Teaching) "Productive use of interactive whiteboard with physics-based 2-D sandbox software." A presentation at the 18th Multimedia in Physics Teaching and Learning Conference (MPTL'18), Madrid, Spain, September 2013.

Resnick, E., Zisk, R., and Eugenia Etkina (Department of Learning and Teaching) “The Interrogation Method and its effects on student learning.” A contributed talk at the AAPT Summer meeting, Portland, Oregon, July 2013.

Vanier, M., Malysheva, M., and Eugenia Etkina (Department of Learning and Teaching) “Analysis of pre-service physics teachers’ reflections on teaching.” A contributed talk at the AAPT summer meeting, Portland, Oregon, July 2013.

Malysheva, M., Vanier, M., and Eugenia Etkina (Department of Learning and Teaching) “Content and depth of reflection on teaching: Does evolution occur?” Poster contributed at the AAPT summer meeting, Portland, Oregon, July 2013.


Nydia Flores (Department of Learning and Teaching) “So pues entonces: An examination of bilingual discourse markers in Spanish oral narratives of personal experience of New York City-born Puerto Ricans,” International Pragmatics Association (IPRA) New Delhi, India. September 2013.

Nydia Flores (Department of Learning and Teaching) Panel On Narrative Pragmatics. On: So pues entonces: The use of bilingual discourse markers in oral narratives of Puerto Ricans in NYC. International Pragmatics Association Conference, New Delhi, India. India Habitat Centre, September 2013.

Nydia Flores (Department of Learning and Teaching) “Pragmatic variation in therapeutic discourse: mitigating devices employed by Dominican female clients and a Cuban American


Susan Golbeck (Department of Educational Psychology) “Exploring preschoolers' peer interactions within the context of collaborative problem solving in physical science” (with Jamie Liberti). Paper presented at the Annual Meetings of the Jean Piaget Society, Chicago, June 2013.

Florence Hamrick (Department of Educational Psychology) “Student veterans and service members in higher education: Exploring visible and invisible disabilities.” The Military Family Research Institute, Purdue University, August 2013.

Florence Hamrick Department of Educational Psychology) “Identifying and comparing graduate programs in college student affairs.” Invited Speaker Residence Hall Honorary Association Regional Conference, New Brunswick, June 2013.


York-Barr, J., Melinda Mangin (Department of Educational Theory, Policy and Administration), & Murray, A. “Teacher leadership: Findings from 30 years of research.” Session presented at the annual Learning Forward (formerly National Staff Development Council) Summer Conference, Minneapolis, MN. July 2013.

Lee, A., & Angela O’Donnell (Department of Educational Psychology) “Socially shared regulation in online groups.” Paper presented at the biennial meeting of the European Association for Research in Learning and Instruction, Munich, Germany, August 2013.

Sharon Ryan (Department of Learning and Teaching) “The Higher Education Inventory.” Paper presented at early childhood workforce data systems pre-institute session of Professional Development Institute, National Association for the Education of Young Children, San Francisco, CA, June 2013.


Austin, L, Kipnis, F., & Sharon Ryan (Department of Learning and Teaching) “The early childhood higher education inventory: Gathering data to inform the development of coordinated and comprehensive professional development systems for practitioners.” Paper presented at Professional Development Institute, National Association for the Education of Young Children, San Francisco, CA, June 2013.

Tanja Sargent (Department of Educational Theory, Policy and Administration) “Inequality and the Chinese college entrance examination in the global age,” Rutgers University, Confucius Institute, International Conference on Various Aspects of Chinese Studies in the Global Age, (with Chentong Chen), June 2013.

Keith Weber (Department of Learning and Teaching) “Strategies, beliefs, and assessments for reading mathematical and scientific texts.” Plenary address at Transforming Research in Undergraduate STEM Education, St. Paul, MI, June 2013.


Keith Weber (Department of Learning and Teaching) “Variance in the ways that mathematicians seek conviction, persuade others, and check the correctness of proofs.” Colloquium presented at Northern Illinois University. September, 2013.


