

SIG-Chaos and Complexity Theories

2006 AERA Annual Meeting Sessions

Friday Afternoon, April 7, 2006

4:05 pm to 6:05 pm

18.043. A Reiteration of Anh Lin's Shapes.

Moscone Center South, Mezzanine Level East, Room 228

Chair:

William E. Doll, Louisiana State University

Participants:

Ahn Lin's Shapes. *David William Jardine, University of Calgary; Patricia Clifford, University of Calgary; Sharon Friesen, University of Calgary*

Discussants:

David Kirshner, Louisiana State University

Ton Jorg, Universiteit Utrecht

Saturday Evening, April 8, 2006

6:15 pm to 8:15 pm

39.020. Chaos and Complexity Theories SIG Business Meeting with an Invited Address.

Moscone Center South, Mezzanine Level East, Room 232

Chair:

Jens Rasmussen, Danish University of Education

Participants:

M. Francyne Huckaby, Texas Christian University

Sarah E. Smitherman, Louisiana State University

Invited Address:

Shaking science education's tree: Newton and Dali make a rhizome (with a little help from Deleuze, Guattari, and me). *Noel Gough, University of Canberra*

Sunday Morning, April 9, 2006

10:35 am to 11:15 am

43.074. Chaos and Complexity Theories SIG Roundtables.

Moscone Center West, 3rd Floor, Room 3005

Tables:

1. Finding Connectedness Through Phenomenological Reduction: Recursive Methods for Interpreting Leadership Narratives. *Donald L. Gilstrap, The University of Oklahoma*
2. From Order to Chaos: The Impact of a New Educational Reform on Teacher Education in Israel. *Shlomo Back, Kaye College of Education*
3. Progressivism in Education and Its Future Possibilities. *Helle Mathiasen, University of Aarhus; Jens Rasmussen, Danish University of Education*

4. Schools as Complex Adaptive Systems: Reconsidering Traditional Strategies Toward Retaining Teachers in High-Poverty Schools. *Sue E. Mutchler, Texas Education Agency*
5. Toward a Perfect University, Part 1: Corporate Reality or Cartesian Dilemma? *Blane Despres, The University of British Columbia-Okanagan*
6. Value Complexity in Health Education-System Theoretical Contribution for Value Clarification. *Soeren Kruse, The Danish University of Education; Karen Wistoft, The Danish University of Education*
7. Recovering the Spirit(ual) in Education. *Sherrie B. Reynolds, Texas Christian University; William E. Doll, Louisiana State University; Donna Trueit, ; Daniel K. Scott,*

Tuesday Morning, April 11, 2006

8:15 am to 10:15 am

71.054. A Complex Conversation on Teaching and Learning.

Marriott San Francisco, Golden Gate Hall, Section A2

Chair:

Sarah E. Smitherman, Louisiana State University

Participants:

Creating Spaces for Learning to Teach: Nonlinear Unfoldings as Methods. *M. Jayne Fleener, Louisiana State University; Kerri Richardson, The University of North Carolina-Greensboro*

Creativity, Chaos, Complexity, and Classrooms: A Journey. *Clydia Forehand, The University of Oklahoma; M. Jayne Fleener, Louisiana State University*

Research That "Walks Through a Maze": Fluid Educational Spaces in Public Interest. *Wolff-Michael Roth, University of Victoria; Lyubov V. Laroche, Western Washington University*

Learning, Learning Environments, and Complexity Theories: Domains of Applicability. *Bernard P. Ricca, Dominican University*

Tuesday Afternoon, April 11, 2006

2:15 pm to 3:45 pm

75.047. Charles Peirce: Complexity Thinking and the Logic of Learning.

Marriott San Francisco, Golden Gate Hall, Section A2

Chair:

Francis H. Feng, The University of British Columbia

Participant:

Using Complexity for a Simple Solution to the Learning Paradox. *Inna Semetsky, Monash University*

Discussants:

Donna Trueit,

Tony Whitson, University of Delaware