

**AERA/Chaos & Complexity SIG
C/O Dan Rea
P.O. Box 8144
College of Education
Georgia Southern University
Statesboro, GA 30460**

Chaos & Complexity Theories

**SPECIAL INTEREST GROUP NEWSLETTER
American Educational Research Association
Spring 99**

AERA MEMBERSHIP MEETING & INVITED DISCUSSION

A. BUSINESS AS UNUSUAL

We welcome members and interested participants to our business meeting. This meeting will include some established as well as new procedures for conducting business. We will have an opportunity to share ideas and discuss directions for future research. The business meeting is on Monday from 6:15 to 7:45pm at Hilton, St. Laurent, Bang Fl. Please plan to attend and BRING A FRIEND along with your \$5 dues.

AGENDA

1. Welcome & Announcements Jayne Fleener, Chair
2. Reports
 - a. Membership Dan Rea, Membership & Treasurer
 - b. Finances Dan Rea, Membership & Treasurer
 - c. 1999 AERA Program Bill Doll, Conference Chair
 - d. 2000 AERA Program Bill Doll & Jayne Fleener
 - e. Homepage John St. Julien
3. Discussion of elections procedures and organizational structure.
4. Discussion of newsletter and request for newsletter editor volunteer.
5. Discussion of vision and direction of SIG and communications within the SIG (including sharing of member interests and research).
6. Announcements
7. Invited Discussion with Discussants
8. Informal discussions, collaborative research possibilities, and sharing.

B. INVITED DISCUSSION: **Chaos & Leadership in Educational Organizations**

DISCUSSANTS: *Rick Ginsberg, Colorado State University*
 Kathleen Martin, University of Washington, Bothell
 Billie Blair, California State University, Dominguez

C. CALL FOR PAPERS: **“Chaos and Complexity in Education”**

Papers are being solicited for a focus book on Chaos and Complexity in Education. Theoretical, philosophical, methodological, as well as empirical works are requested. Complete papers under 20 pages are requested by September 15, 1999.

Drs. Jayne Fleener (Chair, AERA/C&C SIG) and Bill Doll (Program Coordinator, AERA/C&C SIG) will edit the book. Members of the Chaos SIG are especially encouraged to submit articles.

Submissions may be sent to:

Dr. Jayne Fleener
College of Education
University of Oklahoma
Norman, OK 73019

Further information may be obtained from Jayne Fleener at the above address or by e-mail at: fleener@ou.ed

AERA Meetings Sponsored by SIG/Chaos & Complexity, and Others

Monday (8.03) ***MEMBERSHIP MEETING and INVITED DISCUSSION***

Chaos and Leadership in Educational Organizations

(SIG/Chaos & Complexity Themes--Membership Meeting)

6:15-7:45 pm--Hilton, St. Laurent, Bang Fl

DISCUSSANTS *Rick Ginsberg, Colorado State University; Kathleen Martin, University of Washington, Bothell; Billie Blair, CSU, Dominguez*

Tuesday (15.19) **Interrupting Frameworks: Critical Inquiries in Geometrics of Epistemology and Curriculum** (Division B--Symposium)

12:25-1:55 pm--Queen Elizabeth, Peribonca, Conv Level

CHAIR: *Brent Davis, York University*

PARTICIPANTS:

Unstructuring Curriculum, *Brent Davis, York University*

Altering Egos, *Sharon Todd, York University*

Interpreting Identities, *Dennis J. Sumara, York University*

Tuesday (17.13) **The Edge of Chaos: Implications for Teaching and Learning**

(SIG/Chaos & Complexity Theories--Symposium)

2:15-3:45 pm--Hilton, Fundy, Banq Fl

CHAIR/DISCUSSANT: *William E. Doll, Jr., Louisiana State University*

PARTICIPANT: The Edge of Chaos: Implications for Teaching and Learning.
Sherrie Reynolds, Texas Christian University

Wednesday (30.02) **SIG/Chaos and Complexity Theories--Roundtables**

(SIG/Chaos & Complexity Theories--Roundtables)

3:05-3:45 pm--Hilton, Fontaine B, Level F

TABLE 5: Expect Unexpected! Elementary School Principals' Reaction towards Chaotic Events. *Sadegul Akbada, University of Cincinnati*

TABLE 6: Structural Change to Science Education in a Critical, Post-Modern Way.
Leslie Henrickson, UCLA

TABLE 7: Groucho, Escher, Bach: Godel's Incompleteness Theorem and Its Implications for Planned Learning. *Herbert W. Hough, Buffalo Public Schools*

TABLE 8: Complexity of School Reform: Order and Chaos. *Roland Pourdavood, Cleveland State University*

TABLE 9: A "Conceptual Continuum" for Facilitating Complex Education: Teaching & Learning on the Edge of Chaos. *Dan Rea, Georgia Southern University & Don Ambrose, Rider University*

Thursday (40.11) **Chaos/Complexity Theory, Hermeneutics, and Post-Modern Education--Implications for Constructivist Teaching and Learning in Children, Youth and Adults** (SIG/Chaos & Complexity Theories--Symposium)

2:15-3:45 pm--Hilton, Pointe aux Trembles, Banq Fl

CHAIR: *Karen VanderVen, University of Pittsburgh*

PARTICIPANTS:

A Dynamic Themes Curriculum: Applications of Chaos/Complexity Theory to Designing Constructivist Instruction. *Doris Fromberg, Hofstra University*

Hermeneutics and Its Implications for Teaching and Learning in the Context of Child and Youth Development. *Michael J. Nakkula, Harvard University*

Hearts and Minds: A Dynamical Approach to Emotions and Patterns of Physiological Responsiveness in Teaching and Learning Situations.

Carlos Torre, Southeastern Connecticut State University

