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 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.edu
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
WEBSITE FOR CHAOS & COMPLEXITY SIG

http://www.udel.edu/aeracc

At our website you will find an annotated list of useful C&C links. We are currently in the process of updating the website. If you have suggestions for improving the website, share them at our business meeting or contact John St. Julien at: stjulien@UDel.Edu

OTHER RESOURCES ON THE WEB

http://lpsl.coe.uga.edu/Jacobson/ctcs/

Take a look at the Cognition, Technology, and Complex Systems Group website. It is an NSF funded project that centers on teaching the concepts of complexity. This site contains much of interest to educators.

Http://www.hehd.clemson.edu/complex/Cmplxdex.htm

See the website of the Clemson Research Institute for the Study of Complex Social Systems (CRISCSO). This group is delving into complexity and social systems with an emphasis on education.

$$$$$$$$$$  ANNUAL MEMBERSHIP DUES  $$$$$$$$$$

Please renew your membership in the “Chaos & Complexity Theories” Special Interest Group. Encourage others to join. For questions concerning membership contact Dan Rea [(912) 871-1547 or danrea@gsvms2.cc.gasou.edu]. Pay your $5 dues at the Monday night AERA business meeting or send a check payable to AERA C&C SIG to:

Dan Rea
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Statesboro, GA 30460

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