

**P R O G R A M**



**FIFTH  
ANNUAL SUNBELT  
SOCIAL NETWORK  
CONFERENCE**

**PALM BEACH HILTON**

**PALM BEACH, FLORIDA**

**FEBRUARY 14-17**

**ORGANIZERS**

**H. RUSSELL BERNARD  
UNIV. OF FLORIDA**

**ALVIN WOLFE  
UNIV. OF SOUTH FLORIDA**

**SPONSORED BY**

**DEPT. OF ANTHROPOLOGY  
UNIVERSITY OF FLORIDA  
GAINESVILLE, FL**

**DEPT. OF ANTHROPOLOGY  
UNIVERSITY OF SOUTH FLORIDA  
TAMPA, FL**

**THE INTERNATIONAL NETWORK FOR  
SOCIAL NETWORK ANALYSIS**

## SUNBELT SOCIAL NETWORK CONFERENCE

Note: Authors are listed by name only. Full address information is given in the back of this program. In Absentia papers are listed at the end of the program.

### THURSDAY AFTERNOON

Registration

DIAMONDHEAD ROOM

Plenary Session: Keynote Address by Professor Linton Freeman

Reception. Cash Bar.

Buffet Dinner (no speeches!)

### FRIDAY MORNING SESSION 1 DIAMONDHEAD ROOM

#### Networks in Historical Research

Chair: Andrejs Plakans

9:00 Cheryll Ann Cody. Social Networks and the Slave Marriage Market: Finding a Mate on the Ball Plantation 1810-1865  
Mikel Garcia. A Network of Mutual Support: Voluntary Associations and Leadership in Black Los Angeles 1883-1917  
Charles Wetherell and Andrejs Plakans. Social Networks in a Post-Emancipation Estate in Russia: Pinkenhof, Livonia, 1850

10:15 BREAK

10:45 Douglas Heckathorn. Quantitative Analysis of Historical Change: Alternative Approaches  
11:10 William Roy and Phillip Bonacich. Interlocking Directorates, Communities of Interest, and the Ownership vs Control Controversy Among American Railroad Companies, 1905  
11:35 Commentary: Darrett Rutman

### FRIDAY MORNING SESSION 2 MONTE CARLO ROOM

#### Advances in Mathematical Network Analysis

Chair: John Skvoretz

David Morgan. Rehabilitating a Technique to Measure Perceived Networks  
9:25 George Barnett, Richard Bales and Kenneth Day. General Systems Approach to Organizational Networks  
9:50 Wayne Baker. Spatial Interaction and the Formation and Structure of Social Networks: The Case of a Local Hospital Economy

- 10:45 Thomas Schøtt. Influence Among Scientists: Mathematicians in Denmark  
11:10 John Skvoretz. Random and Biased Networks: Simulations and Approximations  
11:35 Peter Bearman. Blockmodeling Aboriginal Social Structure,

FRIDAY MID-DAY SESSION 1 DIAMONDHEAD ROOM

- 12:30 - 2:30 Workshop on Statistical Analysis of Relational Data  
Chair: Stanley Wasserman

FRIDAY MID-DAY SESSION 2 DIAMONDHEAD ROOM

Communications Networks  
Chair: Ronald Rice

- 2:30 Kathleen Carley. Establishing Networks Via Computer Mail  
2:50 Paul Hart and Ronald Rice. The Evolution of the Information Industry: Concentration and Conglomeration Networks in Electronic Publishing  
James Danowski and John Andrews. Linking Message Content Structure With "Who-to-Whom" Network Structure  
Jeong Taik Lee. Research-Related Communication Patterns in a Faculty and Graduate Students Network: A Structural Equivalence Approach

FRIDAY MID-DAY SESSION 3 MONTE CARLO ROOM

Bounded vs. Open Networks  
Chair: Muriel Hammer

- Muriel Hammer. Issues in the Comparison of Open and Closed Networks  
1:25 David Jacobson. Boundary Maintenance of Social Networks  
1:50 Manfred Kochen. The Structure of Acquaintance Nets and Rates of Societal Development

BREAK

- Barry Wellman. The Flow of Social Resources Through Open Networks  
3:10 Commentary: Susan Greenbaum

FRIDAY AFTERNOON SESSION DIAMONDHEAD ROOM

Comparison of Various Structural Models for the Analysis of Social Network Data  
Chair: Katherine Faust

- William Batchelder. Representing Taxonomic Networks with Positive Boolean Polynomials
- 4:40 John Paul Boyd. Fitting Relational Data to a Given Semigroup
- 5:05 Karl Reitz. Network and Semigroup Homomorphisms

BREAK

- 5:55 Martin Everett. Role Similarity and Complexity
- 6:20 David Krackhardt and Ronald Breiger. Comparative Advantages of GAP Partialling and Log Linear Analysis of Multivariate Network Data
- A. Kimball Romney and Katherine Faust. First Steps in a Theory of Network Data

FRIDAY AFTERNOON SESSION 2 MONTE CARLO ROOM

Networks and Social Resource Manipulation, I

Chair: Larissa Lomnitz

- J. Jill Suitor. Social Networks in Transition: Married Mothers Return to School
- 4:25 Larissa Lomnitz. Informal Exchange Networks in Formal Systems
- 4:50 Jeannine Anderson. Women's Networks in a Barriada in Lima, Peru

BREAK

Margot Breton and Terry Bunston. A Report on the Use by Homeless and Transient Women, of Instant and Long-Term Social Networks

Carl Cohen, Jeanne Teresi, Jay Sokolovsky, Eric Roth and Douglas Holmes. Old Men on the Streets

SATURDAY MORNING SESSION 1 DIAMONDHEAD ROOM

Network Measurement

Chair: Peter Marsden

- Francis Sim, John Sonquist and Douglas White. Conceptualizing Network Measurement
- 9:20 Ronald Burt. Studying the Meaning of Relational Data
- 9:40 A. Kimball Romney, Raul Magaña and Cindy Webster. Judgments of Competence and Liking Patterns Among Seventh Grade Students
- 10:00 Susan Weller. Judgments of Competence and Social Interaction Patterns Among Pediatric Residents
- 10:20 BREAK
- 10:45 James Boster. Exchange of Cultivars and Information Between Aguaruna Manioc Cultivators
- 1:05 Mark Mizruchi, Peter Mariolis, Michael Schwartz and Beth Mintz. Components of Centrality: A Dynamic Analysis

- 11:25 Peter Mariolis. Concepts, Models and Measures: Toward an Analytical Framework for Social Network Analysis  
11:45 Commentary: Peter Marsden

SATURDAY MORNING SESSION 2 MONTE CARLO ROOM

Networks Through Time

Chair: Alvin Wolfe

- Meindert Fennema and Joris Nobel. Dutch Business After the Loss of Empire: Changes in the Network of Interlocking Directorates.  
Lothar Krempel. Does Social Relevance Affect Contact Between Individuals?  
9:50 Scott Feld. Selective Maintenance in Social Networks  
10:15 BREAK  
10:45 Patrick Doreian. Structural Equivalence in a Psychology Journal Network  
11:10 Davor Jedlicka. Petroleum Networks Through Time  
11:35 Commentary: Alvin Wolfe

SATURDAY NOON SESSION MONTE CARLO ROOM

Meeting of INSNA Chair: Barry Wellman

SATURDAY MID-DAY SESSION 1 DIAMONDHEAD ROOM

- Computer Programs for Analyzing Networks  
1:00 John Sonquist. Computer Programs for Analyzing Social Networks  
1:30 Stephen Seidman. Bridging the Gap Between Network Researchers and Network Software: The Role of Computer Graphics

SATURDAY MID-DAY SESSION 2 DIAMONDHEAD ROOM

- Agents, Brokers and Corporate Actors  
Chair: Barry Mitnick  
2:00 Joseph Galaskiewicz. Matchmaking and Agency Roles in an Economy of Donative Transfers  
2:30 Barry Mitnick. Agents of Legitimacy: Pantheonic Directorates and the Management of Organization Environments  
Barry Baysinger. A Theory of Shareholder Approval of Shark Repellents: An Agency Approach  
3:30 Commentary: Harrison White

SATURDAY MID-DAY SESSION 3 MONTE CARLO ROOM

Volunteered Papers

Chair: Robert Milardo

David Krackhardt. Variations in Perceived Structures:  
Cognitive Networks, Local Aggregated Networks, and Voted  
Networks

Ben Finney and Jeff Johnson. Living and Working in Space:  
A Social Network Perspective

Paul Hooks and Tom Baranowski. Social Network for Recruiting  
Triethnic Children for Cardiovascular Risk Research

BREAK

- 2:45 Linda Wolfe. Social Networks of Rhesus Monkeys  
3:10 Alexandra Manyanski. Sexual and Social Relations Among Monkeys  
and Apes: Implications for Early Hominid Social Structure

SATURDAY AFTERNOON SESSION 1 DIAMONDHEAD ROOM

Toward a Theoretical Synthesis

Chair: Stephen Berkowitz

- 4:00 Edward Laumann and Yong-Hak Kim. Framing the Level of  
Analysis: An Empirical Case Study  
4:20 Ronald Burt. The Social Structure of Competition:  
Entrepreneurs and Opportunities  
4:40 Thomas Fararo and John Skvoretz. Action, Institution and  
Network  
Harrison White. The MEAN FIELD Approximation for Networks

BREAK

Joseph Galaskiewicz. The Illusive Maximand In  
Interorganizational Decision-Making: Control Efficiency or  
Legitimation?

S. D. Berkowitz and E. Nuñez. Power: Structural Conditions  
for Mobilization

Valerie Haines. Social Network Analysis and the  
Holism-Individualism Debate

Joel Levine. Models of Social Differentiation and Mobility

SATURDAY AFTERNOON SESSION 2 MONTE CARLO ROOM

Networks and Social Resource Manipulation, II

Chair: Ruth Martinez

- 4:00 Ruth Martinez. Social Support Among Puerto Rican Divorced  
Women  
Brian Foster and Peter Reingen. Structural Analysis of Word of  
Mouth Information Transfer: The Piano Tuner Study

Jeanne Hurlbert and Peter Marsden. Social Resources and  
Mobility Outcomes: A Reanalysis and Extension  
Tonya Schuster and Edgar Butler. Personal Networks and Support  
in Bereavement

SUNDAY MORNING SESSION 1 DIAMONDHEAD ROOM

Network Autocorrelation and Related Models

Chair: Patrick Doreian

- 10:00 Patrick Doreian. Further Monte Carlo Results for Network  
Autocorrelation Models  
10:25 Malcolm Dow. Model Selection Procedures for Network  
Autocorrelation Disturbances Models  
10:50 Eugene Johnsen. Some Remarks on Empirical Model Development  
and Characterization  
11:15 Eugene Johnsen. Micro- and Macro-models for Agreement and  
Friendship

SUNDAY MORNING SESSION 2 MONTE CARLO ROOM

Ethnicity and Gender in Network Analysis

Chair: Bonnie Erickson

- 10:00 Wen H. Kuo. Transracial Social Networks.  
10:20 Yung-mei Tsai, Wen-hui Tsai and Che-fu Lee. Neighborhood  
Social Networks in Three Taiwanese Urban Communities  
10:40 Brian Jones and Bernard Gallagher III. Social Network Models  
of Gender and Illness  
  
1:00 BREAK  
  
:20 Karen Campbell. Sex Differences in Social Resources and Social  
Constraints  
11:40 Kenneth Tracey. Patterns of Acculturation Among East Indians  
in Trinidad in the 1980s

SUNDAY NOON ORGANIZATIONAL MEETING FOR 1986 AND 1987 DIAMONDHEAD ROOM

IN ABSENTIA PAPERS

- Stephen Reif. An Analysis of Class Level Network Manipulations in a  
Capital Scarce Economy: Comayagua Honduras.  
Jeffrey Shaw and Florence Denmark. The Shaw-Denmark Social  
Support Inventory: Further Validation of the Scale  
Alden Kloudahl. Social Networks in the Real World: Studying  
Large-Scale Networks  
Rumi Kato Price. Constraints of Social Networks: A Dynamic  
Analysis of Recovery from Heroin Addiction. Part II. Results  
Douglas Caulkins. Networking for the Classroom: Taped  
Communications for Teaching Undergraduate Network Analysis