

# Society for Anthropological Sciences (SASci)

First General Scholarly Meeting, Santa Fe, NM  
February 23 - 27, 2005

## Program of Events and Sessions

### Wednesday 23 February 2005

#### No SASci Events Scheduled

Note: SCCR [NOT SASci] reception 6-8 pm. \$12 fee for non-SCCR members - payable in advance - to Rob Veneziano by 28 January in the same manner as other SCCR payments laid out on the SCCR conference website, registration page: <http://www.wcsu.edu/sccr/regi.html> and/or <http://www.wcsu.edu/sccr/registration.doc>.

### Thursday 24 February 2005

**8:30 am - 12:00 & 1:30 - 3:35 pm Thursday Room Ortiz 3**

#### **SASci Organized:**

**Social Evolution: Patterns, Trends, Mechanisms, and Mathematical Models**

**Organizers and Chairs: Douglas White and Andrey Korotayev**

We consider a range of models of social evolution, macro-trends, and mechanisms, including population dynamics, evolution of kinship and marriage networks, civilizational networks and origin of states.

8:30 - 8:55 Andrey Korotayev (RusAcadSci/Russ St Univ for Hum) A COMPACT MACROMODEL OF WORLD POPULATION GROWTH

8:55 - 9:20 Artemy S Malkov (Keldysh Institute of Applied Mathematics, Moscow), BLOW-UP REGIMES IN NATURE AND SOCIAL LIFE

9:20 - 9:45 Douglas White (UCIrvine), Andrey Korotayev, Artemy Malkov, Daria Khaltourina, A COMPACT MACROMODEL OF TECHNO-ECONOMIC, CULTURAL AND DEMOGRAPHIC EVOLUTION OF THE WORLD SYSTEM

9:45 - 10:00 Discussion

10:00 - 10:15 *Break*

10:15 - 10:40 Nikolay N. Kradin (Far Eastern Branch of the Russian Academy of Sciences, Vladivostok) John W Smith (Colgate University) WORLD-SYSTEMS DYNAMICS AND NOMADIC EMPIRES

10:40 - 11:05 Graber, Robert Bates (Truman) PROLIFERATION DESPITE CIRCUMSCRIPTION: TWENTIETH-CENTURY POLITICAL EVOLUTION

11:05 - 11:30 Discussion

11:30 - 1:30 *Lunch*

(Session description continues on next page)

**Social Evolution: Patterns, Trends, Mechanisms, and Mathematical Models  
(Continued from morning) 1:30 - 3:35 pm Thursday Room Ortiz 3**

- 1:30 - 1:55 Craig T. Palmer (Missouri), Lyle B. Steadman (ASU), and Kathryn Coe. MORE KIN: AN EVOLUTIONARY BENEFIT OF MARRIAGE
- 1:55 - 2:20 John Angle (Inequality Process Institute) SPECULATION: THE INEQUALITY PROCESS IS THE COMPETITION PROCESS DRIVING HUMAN EVOLUTION.
- 2:20 - 2:45 Khaltourina, Daria (Center for Civilizational and Regional Studies of Russian Academy of Sciences) MATHEMATICAL MODEL OF DEMOGRAPHICALLY INDUCED STATE BREAKDOWN IN SUB-SAHARAN AFRICA
- 2:45 - 3:10 Svetlana S. Borinskaya (Institute of General Genetics) GENETIC TRANSFORMATION IN HUMAN POPULATIONS AND CULTURAL EVOLUTION.
- 3:10 - 3:35 Discussion

**10:15 am - 12:00 Thursday Room Aspen**

**SASci Volunteered: Specifics of a Culture**

**Chair: Douglas Caulkins**

- 10:15 - 10:40 D. Douglas Caulkins (Grinnell College), and Ilana Meltzer (Grinnell College). THE PLOT THICKENS: TRACKING CHANGES IN NARRATIVE STRUCTURES IN ETHNOGRAPHY
- 10:40 - 11:05 Benjamin Campbell (Boston University) CROSS-CULTURAL VARIATION IN AGE-RELATED CHANGES IN MALE BODY COMPOSITION
- 11:05 - 11:30 Jones, Peter N. (Bauu Inst.) IDEAS OF CULTURE AND ITS USE IN NAGPRA
- 11:30 - 12:00 Discussion

**4:15 - 5:30 pm Great Room**

**SCCR/SASci Keynote Address: Barry Hewlett**

**Chair: Robert Veneziano**

Barry Hewlett SEMES, GENES, AND EVOLUTIONARY CULTURAL ANTHROPOLOGY

**5:30 - 6:30 Thursday Room Mesa 3**

**SASci Business Meeting**

**6:30 - 8 pm Thursday Witter Bynner Estate**

**Wine & Cheese Social Hour**

## Friday 25 February 2005

### 10:15 - 11:05 Room Aspen

#### **Social Evolution: Patterns, Trends, Mechanisms, and Mathematical Models (Continued from Thursday)**

**Organizers and Chairs: Douglas White and Andrey Korotayev**

10:15 - 10:40 Henry Wright (University Museum, University of Michigan) SCALAR FACTORS  
IN INCREASING POLITICAL COMPLEXITY

10:40 - 11:05 Discussion

### 8:00 am - 12:00 & 1:30 - 3:10 pm Friday Room Ortiz 3

#### **SASci Organized:**

#### **Towards a Definition of Culture: Cultural Models, Schemata, and Naïve Theories**

**Organizers and Chairs: Giovanni Bennardo and Norbert Ross .**

Culture is a fundamental working concept for Anthropology. Its definition is however as elusive as it is necessary. Lately, several theoretical approaches have been used that witness to new interdisciplinary efforts. These include Cultural Models, Schemata, and Naïve Theories. Each of these approaches comes with different assumptions that have implications for both methodology and theory. We invite contributions to a panel in which we propose to discuss the merits and limitations specific to each of these approaches. The ideal paper should either have a theoretical focus illustrated with ethnographic examples or compare the different assumptions directly with one another. The panel organizers consider the option of editing a book based on the individual contributions.

8:00 - 8:25 Norbert Ross (Vanderbilt U) TOWARDS A DISTRIBUTIONAL VIEW OF CULTURE.

8:25 - 8:50 Linda C. Garro (U of Connecticut and UCLA) VARIABILITY, "KNOWING" AND  
CULTURE THEORY

8:50 - 9:15 Benjamin Nick Colby (University of California, Irvine) WHY A COGNITIVE  
THEORY OF CULTURE NEEDS AN EVOLUTIONARY BASE.

9:15 - 9:40 F. K. L. Chit Hlaing (Frederick K. Lehman) (U of Illinois, UC) THE ONTOLOGICAL  
STATUS OF 'CULTURE': A COGNITIVE VIEW

9:40 - 10:05 Discussion

10:05 - 10:20 *Break*

10:20 - 10:45 Giovanni Bennardo (Northern Illinois U) and Dwight Read (U of California Los  
Angeles) INTERSECTING CONCEPTUAL SYSTEMS: THE CONSTITUTIVE  
LOGIC OF TONGAN RITE DE PASSAGES

10:45 - 11:10 Bradd Shore (Emory U) MODELING POINT OF VIEW: EGO-CENTRIC AND  
ALLO-CENTRIC CULTURAL MODELS.

11:10 - 11:35 Edward Hutchins (U of California, San Diego)

11:35 - 12:00 Douglas White (U of California, Irvine) CONCEPTUAL ETHNOGRAPHY

12:00 - 12:25 Discussion

12:25 - 1:30 *Lunch* (Session description continues on next page)

**Towards a Definition of Culture: Cultural Models, Schemata, and Naïve Theories  
(Continued from morning) 1:30 - 3:10 pm Friday Room Ortiz 3**

1:30 - 1:55 John Gatewood (Lehigh U) and John W. G. Lowe (Lehigh U) CULTURAL MODELS AND MULTIPLE PERSPECTIVES: EMPLOYEES' UNDERSTANDINGS OF CREDIT UNIONS

1:55 - 2:20 Janet Dixon Keller (University of Illinois) Nokonofu Kitea/ WE KEEP ON LIVING THIS WAY

2:20 - 2:45 Fadwa El Guindi (Georgetown University) DANCING THE CULTURE, DELIVERING THE STRUCTURE: INSIGHTS FROM THE ZAPOTEC

2:45 - 3:10 Discussion

**3:15 - 5:35 pm Friday Room Aspen**

**SASci Organized**

**Not Just "Heuristic": Computer Simulations as Genuine Experiments**

**Chair and Organizer: Murray Leaf.**

3:15 - 3:40 Murray J Leaf (Univ of Texas, Dallas) PHYSICAL FARM BUDGETS--INDIGENOUS PLANNING ALGORITHMS

3:40 - 4:05 Dwight W Read (UCLA) KINSHIP ALGEBRA EXPERT SYSTEM (KAES): A COMPUTER PROGRAM FOR STRUCTURAL ANALYSIS OF KINSHIP TERMINOLOGY SYSTEMS

4:05 - 4:30 Michael D Fischer (University of Kent) EXTRACTING MEANINGS FROM ETHNOGRAPHIC REPORTS - (INFORMATION)-THEORY-BASED TEXT ANALYSIS

4:30 - 4:55 Sean Downey (Arizona) EXPERIMENTING WITH "LAD CULTURE": A SIMULATION BASED ON WILLIS' "LEARNING TO LABOR".

4:55 - 5:25 Discussion

**1:30 - 5:15 pm Friday Room Mesa 1**

**SASci/SCCR Joint Session: Strategies of Comparative and Cross-Cultural Research in the Anthropological Sciences**

**Organizers and Chairs: Carol R. Ember and Melvin Ember**

The aim of this symposium is to illustrate different comparative/multi-method research strategies in various scientific disciplines related to anthropology.

1:30 - 1:55. Alan Rogers (University of Utah), HC Harpending (University of Utah), S Wooding (University of Utah School of Medicine), LB Jorde (University of Utah School of Medicine), "WHERE WE CAME FROM";

1:55 - 2:20. Melvin Ember (HRAF at Yale University), Carol R. Ember (HRAF at Yale University), Peter N. Peregrine (Lawrence University), and Serge Starostin (Santa Fe Institute), "CROSS-CULTURAL RESEARCH AS A 'ROSETTA STONE' FOR DISCOVERING THE ORIGINAL HOMELANDS OF PROTO-LANGUAGE GROUPS";

2:20 - 2:45. Peter N. Peregrine (Lawrence University), "CITY SYNCHRONICITY IN THE NEW WORLD: AN EXAMPLE OF ARCHAEOETHNOLOGY";

**SASci/SCCR Joint Session: Strategies of Comparative and Cross-Cultural Research in the Anthropological Sciences (Continued)**

- 2:45 - 3:10. Richard Blanton (Purdue University) and Lane Fargher, "COLLECTIVE ACTION IN PRE-MODERN STATES: AN EVALUATION OF THEORY BASED ON CROSS-CULTURAL METHOD";
- 3:10 - 3:25 *Break*
- 3:25 - 3:50. Paul Roscoe (University of Maine), "REGIONAL COMPARISON AND NEW GUINEA'S HUNTER-GATHERERS";
- 3:50 - 4:15. Sara Harkness (University of Connecticut) and Charles Super (University of Connecticut) "COLLABORATIVE INTERNATIONAL PROJECTS: STRENGTHS AND CHALLENGES FOR CROSS-CULTURAL RESEARCH ON CHILDREN AND FAMILIES";
- 4:15 - 4:40. James Boster (University of Connecticut) "UNDERSTANDING COGNITIVE UNIVERSALS: THE VALUE OF WITHIN-CULTURE INDIVIDUAL DIVERSITY";
- 4:40 - 5:05. Joel Aronoff (Michigan State University) "UNIVERSAL BASES OF EMOTION RECOGNITION IN PEOPLE, PLACES, AND THINGS".
- 5:05 - 5:20 Discussion

**1:30 - 3:10 pm Friday Room Aspen**

**SASci Volunteered: Simulation/Modeling**

**Chair: Michael Fischer**

- 1:30 - 1:55 Michael D Fischer (University of Kent), POWERFUL KNOWLEDGE: EMERGENT ORDER AND INDIGENOUS KNOWLEDGE
- 1:55 - 2:20 Marcus J. Hamilton (University of New Mexico) CULTURAL INNOVATIONS AND PHENOTYPIC ADAPTATIONS IN STOCHASTIC ENVIRONMENTS: SOME QUANTITATIVE INSIGHTS INTO THE EVOLUTIONARY DYNAMICS OF FORAGING SOCIETIES
- 2:20 - 2:45 Lawrence A Kuznar (Indiana - Purdue Univ. Ft. Wayne ), Robert Sedlmeyer (Indiana - Purdue Univ. Ft. Wayne), Allyson Kreft (Indiana - Purdue Univ. Ft. Wayne ) NOMAD: SIMULATING COOPERATION AND CONFLICT BETWEEN NOMADS AND SEDENTARIES.
- 2:45 - 3:10 Discussion

**5:30 - 7:15 pm Friday Room Aspen**

**General Discussion on Special Topic 1:  
Is a Measure of Cultural Pathology Possible or Desirable?**

Presenter : B. N. Colby (UCIrvine)  
Discussant: M. Orans. (UCRiveside)

**NOTE: SCCR (NOT SASci): 6-6:45 Presidential Address, 6:45-7:30 Business Meeting, 7:30-9 Banquet**

## Saturday 26 February 2005

### 8:00 am - 12:00 Saturday Room Aspen

**SASci Organized: Contemporary Research in Cognitive Anthropology dedicated to the memory of Robert MacLaury, in appreciation of his contributions to the advancement of cognitive anthropology**

#### **Organizer and Chair: Carmella Moore.**

- 8:00 - 8:15 Carmella Moore (UCIrvine and Caltech) -- Opening Remarks : SCIENCE, COGNITION, AND ANTHROPOLOGY: THE PRESENT, THE PAST, AND THE FUTURE
- 8:15 - 8:40 David B. Kronenfeld (UCR) COGNITIVE ANTHROPOLOGY IN 2005: ONE PERSPECTIVE ON HOW THE PIECES FIT TOGETHER
- 8:40 - 9:05 Robert W. Schrauf (Applied Linguistics, Penn State) METRIC SCALING OF SEMANTIC DOMAINS IN CROSS-CULTURAL GERONTOLOGY
- 9:05 - 9:30 Ece Batchelder (Institute for Brain Aging and Dementia, UCI) ANIMAL FLUENCY AS AN ASSESSMENT TOOL: A CROSS-CULTURAL COMPARISON OF PERFORMANCE IN THE NORMAL ELDERLY
- 9:30 - 10:00 Discussion
- 10:00 - 10:15 Break
- 10:15 - 10:40 D. Douglas Caulkins (Grinnell College) and Molly Offer-Westort (Grinnell College) PERCEIVING ETHNIC DIFFERENCES: CONSENSUS ANALYSIS AND PERSONHOOD IN WELSH-AMERICAN POPULATIONS.
- 10:40 - 11:05 Norbert Ross (Vanderbilt) & Doug Medin (Northwestern University) UNDERSTANDING CULTURAL DIFFERENCES
- 11:05 - 11:30 Scott Atran (Centre National de la Recherche Scientifique, Paris and Institute for Social Research, University of Michigan) DEVOTIONAL VALUES AMONG JIHADIST SUICIDE TERRORISTS
- 11:30 - 11:45 A. K. Romney (UC Irvine) -- Closing Remarks
- 11:45 - 12:00 Discussion

### 8:00 am - 12:00 Saturday Room Ortiz 3

#### **SASci Organized:**

**Remembering Proxmire: Scientific Approaches to the Study of Romantic Love**

#### **Organizers and Chairs: Victor de Munck, Robert L. Moore**

When William Proxmire was senator of Wisconsin, he noted that some things are better left unstudied (being impossible to study scientifically) and therefore such research should not be federally funded. He mentioned the study of love as an example of such research. Since those infamous remarks, the scientific study of romantic love has become a cottage industry with a journal devoted primarily to it (the Journal of Social Relationships). So much for the prescience of politicians! The papers in this session represent a broad range of scientific and humanistic approaches to the study of romantic love in different cultures. The contributors integrate cognitive, constructionist and evolutionary approaches in their respective studies. All the authors adhere to the following guidelines: (1) a clear description of the problem, question or area of interest that they are

investigating or exploring; (2) well-formulated strategy collecting data systematically, (3) a representation of the data in a user-friendly format; (4) laying out exactly how the data is analyzed; (5) cultural implications of their results or interpretations.

8 - 8:25 Robert L. Moore (Rollins) MODELS OF ROMANTIC LOVE IN CHINESE CINEMA

8:25 - 8:50 Mei-Ling Chien (Tzu Chi University, TAIWAN) THE INSTITUTION OF EXTRA-MARITAL INTIMACY IN MIAO COURTSHIP, GUIZHOU, CHINA.

8:50 - 9:15 William Jankowiak (University Nevada) A CASE FOR EMOTIONAL MONOGAMY: ETHNOGRAPHIC INQUIRIES INTO SEX, LOVE AND INTIMACY

9:15 - 9:40 Timothy Perper and Martha Carnog (Independent Scholars) LIFE IMITATES ART: OBSERVING PEOPLE FALLING IN LOVE IN THREE CULTURES

9:40 - 10:00 Discussion

10:15 - 10:40 Victor De Munck (SUNY College New Palz) A SYSTEM OF THE PASSIONATE SELF IN THREE NATIONS

10:40 - 11:05 L.A. Rebhun (Yale University) LOVE, ECONOMIC INTERESTS, AND URBANIZATION IN NORTHEAST BRAZIL.

11:05 - 11:30 Bonnie L Hewlett and Barry S Hewlett (Oregon State University, Washington State University), LOVE, SEX, VIOLENCE AND MARITAL RELATIONS AMONG THE AKA FORAGERS AND NGANDU FARMERS OF CENTRAL AFRICAN REPUBLIC.

11:30 - 12:00 Discussion

### **1:30 - 3:15 pm Saturday Room Aspen**

**SASci Open Discussion:  
Cognitive Anthropology's Future: Issues and Organization**

**Chair: David Kronenfeld**

### **3:20 - 5:00 pm Saturday Room Aspen**

**SASci Organized:  
Migration, Colonization, Gene Flow: Inference in Anthropological Genetics**

**Organizer and Chair: Alan G. Fix.**

3:20 - 3:45 Alan G Fix (University of California, Riverside) SIMULATING MIGRATION AND COLONIZATION: COMPUTER MODELING EXPERIMENTS IN ANTHROPOLOGICAL GENETICS.

3:45 - 4:10 Graciela S Cabana (Arizona State University ; Keith L Hunley (University of New Mexico), MIGRATION OR MICROEVOLUTION? THE NUMIC EXPANSION REVISITED THROUGH GENETICS AND COMPUTER SIMULATION MODELING.

4:10 - 4:35 Keith Hunley, (University of New Mexico); JC Long (University of Michigan); GC Cabana (Arizona State University); DA Merriwether (Binghamton University). GENE FLOW ACROSS LINGUISTIC BOUNDARIES IN NATIVE SOUTH AMERICAN POPULATIONS

4:35 - 5:00 Discussion

**1:30 - 3:35 pm Saturday Room Ortiz 3**

**SASci Volunteered : Economics/Ecology**

**Chair: TBA**

- 1:30 - 1:55 Oskar Burger Affiliation (Department of Anthropology, University of New Mexico)  
PREHISTORIC ECOLOGICAL FOOTPRINTS AND COMMUNITY  
METABOLISM: THE CASE STUDY OF EL POLVORÓN
- 1:55 - 2:20 Jakob Crockett (USCarolina UNDERSTANDING COMMODITY FLOW AND  
NATIONAL MARKET ACCESS: AN ARCHAEOLOGICAL PERSPECTIVE
- 2:20 - 2:45 J. Robert Estes, (University of New Mexico) PRODUCTION EFFICIENCY UNDER  
COMPETING PARADIGMS: POTTERY PRODUCTION IN MATA ORTIZ,  
CHIHUAHUA
- 2:45 - 3:10 Wesley Allen-Arave (University of New Mexico), ARE KIN SIMPLY PREFERRED  
FRIENDS? IMPLICATIONS FROM FOOD TRANSFER PATTERNS ON AN ACHE  
RESERVATION.
- 3:10 - 3:35 Discussion

**5:15 - 7:00 pm Saturday Mesa 3 or Ortiz 3**

**SASci General Discussion on Special Topic 2: Manipulative experiments with in situ  
human subjects: Ethics, logistics, and experimental design**

Presenter: : David Casagrande (Arizona State University),  
Discussants: Michael Burton (UCIrvine), Scott Atran (Centre National de la Recherche  
Scientifique, Paris and Institute for Social Research, University of Michigan).

**Sunday 27 February 2005**

**No SASci Events Scheduled**

