Aims and Scope: The application of theories and methods derived from evolutionary biology and ecology to the study of human behavior is a rapidly expanding enterprise — one that holds great promise for a true consilience of knowledge. Collectively, UCD, UCLA, and UCSB are home to the world’s largest community of scholars working in this area. While sharing both intellectual and geographical propinquity, these groups are also characterized by a diversity of approaches and areas of expertise. The 3UC meetings bring together scholars from these three campuses in an effort to advance the field through discussion of points of convergence and divergence across differing perspectives, and facilitate the establishment of collaborations that leverage complementary skills and approaches.

Thank you to our hosts and collaborators at California Polytechnic State University, San Luis Obispo, for organizing and partially funding the workshop. A special thanks to: Stacey Rucas, for doing most of the legwork and making the workshop possible. And, Dawn Neill, for hosting friday’s gathering. We are grateful to the Department of Social Sciences at Cal Poly, for funding our meeting spaces, and the Social Sciences Students for funding our lunch breaks -- two crucial ingredients to a productive workshop!

Thank you also to the primary student organizer, Matthew Gervais (UCLA), and to our Co-organizers from each of the other campuses: Carolyn Hodges (UCSB), and Bret Beheim (UCD). One more thanks to Bailey House (UCLA) for putting together the flash presentation. Blame for all errors in this program goes to Michelle Kline (UCLA). We would also like to express a collective “hooray!” for all of the presenters.

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Directions to Cal Poly
Traveling South on Highway 101:
As you approach San Luis Obispo, exit the freeway at Monterey St. (the first exit in SLO). Make a right turn, then an immediate left turn onto the frontage road (you will be going the same direction you were on the freeway). Go approximately 3 blocks to Grand Ave, turn right (going uphill) and go about 1/4 mile to the south entrance of the campus.

Traveling North on Highway 101:
Go through much of San Luis Obispo and exit at the Grand Avenue/Cal Poly exit. Turn left onto Grand Avenue and go uphill approximately 1/4 mile to the south entrance of the campus.

Parking
From the hotel, you will go right on Monterey, Right on Grand, Right on N. Perimeter Road, Right on Safety Way West (the entrance right after the police station). There is a parking lot (H4) right there in front of Building 8. This is the same lot you should use for University Union.

Directions to the The Sands Motel
Traveling South on Highway 101:
Take the Monterey St. exit off of the freeway. The exit will be the first San Luis Obispo city exit and will be on your right. At the top of the ramp you will come to a stop. Take a left and cross over the freeway and onto Monterey St. Proceed approx. 400 yards until you reach the hotel.

Traveling North on Highway 101:
Take exit 204 on the left to merge onto Monterey Street. This will be the last exit for San Luis Obispo. The hotel will be on your right about 400 yards off the exit.

Walking to Cal Poly from Hotel
From the hotel, take Garfield west to Grand Ave and make a right. Follow Grand Ave north and take a right on N. Perimeter Road after you enter the campus, and a right on Safety Way West. The trip is about 1 1/2 miles.
Workshop Schedule

FRIDAY

PRE-WORKSHOP PARTY!
With taco bar, wine, and beer.
Dawn & Stern Neill’s home
225 Almond Street, SLO
Time: 6:30 PM

SATURDAY  Building 8, Room 123

09:00-09:15 – Opening Remarks
09:15-10:00 – Flash poster session
10:00-10:40 – Adrian Bell: Culture Rather than Genes Provides Greater Scope for Group Selection in Humans
10:40-11:00 – Break
11:00-12:20 – Mike Gurven: Divisions of labor and complementarity in human families: a (preliminary) bioeconomic approach
12:20-14:00 – Lunch
14:00-14:40 – Willem Frankenhuis: To be or to become: An evolutionary model of learning and development
14:40-16:00 – Pete Richerson: The Puzzling Course of Human Evolution in the Late Pleistocene
16:00-16:20 – Break

16:20-17:00 – Stacey Rucas: Evolution, ecology and sleep among San Luis Obispo County Firefighters
17:00-17:40 – Andy Delton: How the mind makes welfare tradeoffs
18:00 - Break for Dinner

SUNDAY  University Union*

*we will meet at Bldg 8, Rm 123 in the morning & walk over. There is no parking at the University Union.

09:00 - 12:00 - Interest Groups: for readings, see the Workshop webpage.

Room 216: Pathways to Personality & Individual Differences
Room 218: Adaptations for Cultural Transmission - Teaching & the Pedagogical Stance.
Room 219: The Evolution of Friendship

12:00 - 12:30 - Wrap-up and nominate organizers for 2010
Participants............UC Los Angeles

H Clark Barrett, Anthropology. 
Developmental systems, domain specificity, cultural transmission, danger, intentions

Rob Boyd, Anthropology. 
Biological anthropology, mathematical models of cultural evolution, evolutionary theory.

Greg Bryant, Comm. Studies. Language and speech; inferential communication; cognitive science; evolutionary psychology.

Dan Fessler, Anthropology. 
Emotions; cooperation; disease avoidance; reputation.

Brooke Scelza, Anthropology. 
HBE, reproductive decision-making, female cooperative networks, Aboriginal Australia

Joan Silk, Anthropology. 
Biological anthropology, primate behavior, evolutionary biology.

Willem Frankenhuys, Anthropology. 
Modularity; plasticity; domain specificity; animacy

Tom Flamson, Anthropology. 
Evolution of humor; Signaling; Pragmatics; Within-group assortment; Emotions
Participants............UC Los Angeles

Matthew Gervais, Anthropology. Contempt, attribution biases, convention and normativity, emotion phylogeny, gene-culture co-evolution

Irene Godoy, Anthropology. Mate choice, social learning, capuchin monkeys

Bailey House, Anthropology. Prosocial preferences; decision-making biases; infant and non-human primate social cognition.

Michelle Kline, Anthropology. Evolution of teaching/pedagogy, cumulative cultural evo. & technological change, Fiji

Charles Perreault, Anthropology. Cultural transmission, social network, forager group size, taphonomy, Northeast Asian Paleolithic.

Elizabeth Pillsworth, Anthropology. Mate choice, menstrual cycle, Shuar.

Ann Pisor, Anthropology. Evolution of prosociality, HBE, evolutionary psychology

Jeff Snyder, Anthropology. Sexual selection, female mate preferences, male aggression, male status
Participants

UC SANTA BARBARA

Leda Cosmides, Psychology.
Evolutionary psychology, cognitive science, evolutionary biology, reasoning, motivation

Steve Gaulin, Anthropology.
Waist-hip ratio, spatial ability, voice, sex differences, fat.

Tamsin German, Psychology.
Theory of mind, tool, use, conceptual development, categorization.

Mike Gurven, Anthropology.
Life history evolution; cooperation; demography and health; foraging and hunter-gatherers; aging and development.

Jim Roney, Psychology.
Courtship, mate preferences, sex hormones.

John Tooby, Anthropology.
Evolutionary psychology, behavioral ecology, evolutionary biology, cognitive science, emotions/motivations

Eyal Aharoni, Psychology.
Punishment, psychopathy, aggression.

Aldo Cimino, Anthropology.
Coalitional psychology, hazing, ritual, cooperation, evoked culture.
Participants

**UC SANTA BARBARA**

Andy Delton, Psychology. Cooperation, cognitive & computational approaches to psychology.

Elsa Ermer, Psychology. Status, coalitional psychology, social reasoning, risk taking, cognitive

Franklin Horn, Anthropology. Religion, Ritual, Cultural Evolution, Christianity, East Africa

Kate Hanson Sobraska, Anthropology. Mate value, individual differences in mate choice, jealousy.

Carolyn Hodges, Anthropology. Vocal signaling, intrasexual competition, sex differences, emotion, expression, status.

Katie Hinde, Anthropology. Maternal investment, lactation, life history theory, milk synthesis, infant development.

Sangin Kim, Psychology. Cooperation, emotions, theory of mind, game theory

Max Krasnow, Psychology. Foraging: tool-artifact-function reasoning, cooperation, concepts, computational
Participants......UC SANTA BARBARA

Julian Lim, Anthropology. Gratitude, morality, intentions, friendship, reciprocity

Anthony Lopez, Political Science. Internatl Relations, Coalitional Aggression (War), Threat Perception, Institutions and Collective Action

Aaron Lukaszewski, Psychology. Personality/individual differences behavioral endocrinology mating psychology


Jeff Niehaus, Psychology. Visual attention capture and cuing; agency and animacy, belief-desire reasoning

David Pietraszewski, Psychology. Coalitional/ alliance psychology, accent, race

Theresa Robertson, Psychology. Social exclusion, coalitional psychology, belonging regulation, emotions, cooperation

Chris von Rueden, Anthropology. Life history evolution, health, male social status and leadership
Participants

**Eric Schneider**, Anthropology. Life history evolution, culture ontogeny, distribution and transmission, older age.

**Danielle Truxaw**, Psychology. Tool-artifact-function reasoning, foraging, precautionary reasoning.

**Annie Wertz**, Psychology. Theory of mind, cognitive development.

**Aaron Sell**, Psychology. Anger, aggression, formidability, RHP.


**Daniel Sznycer**, Anthropology. Shame, pride, cooperation, adaptationist models of culture.

Mark Grote, Anthropology. Population genetics and genomics.

Andrew Marshall, Anthropology. Primatology, primate evolutionary ecology, forest ecology, conservation, Indonesia.

Lesley Newson, Psychology (University of Exeter). Cultural evolution, evolutionary ecology, transmission bias.

Pete Richerson, Environmental Science & Policy. Cultural evolution, theory and experiments, limnology (aquatic ecology).

Bruce Winterhalder, Anthropology. Behavioral & evolutionary ecology, cultural ecology, hunter-gatherers, agriculturalists/pastoralists, models of human adaptive processes, origins of agriculture.

John Bunoe, Anthropology. Primate behavioral ecology and genetics, evolution of color vision.

Bret Beheim, Ecology. Cultural evolution; epidemiology of ideas; Pacific history; religious diffusion; cliometrics; evolution of technology.

Ryan Schacht, Anthropology. Human behavioral ecology, sexual selection, mate choice, sex ratio, Guyana

Nathan Stevens, Anthropology. Archeology (California & Great Basin), hunter-gatherers, human behavioral ecology, organization of technology, cultural change and transmission

Matt Zimmerman, Ecology. cultural evolution, evolutionary ecology, transmission biases.
Participants


Dawn Neill. Human behavioral ecology, urban transitional ecology, nutritional anthropology, parental investment, South Asia and the South Pacific

Stacey Rucas, Anthropology. women’s social dynamics, reproductive ecology, endocrinology and behavioral ecology of sleep.

Jason Williams. Eye movements during communication, Eye movements during communication, sarcasm

Alissa Miller. Reproductive ecology, risk-taking, evolution of sleep and dreaming, and hormones and health.

Ryan Bolduan. Human ecology, evolution, agriculture, cultural modeling, public health.