

**SPECIAL TOPIC SYMPOSIUM: HUMAN MACROECOLOGY: EMERGENT PATTERNS AND PROCESSES IN LARGE-SCALE HUMAN ECOLOGY (PART II)**

**Thursday, 10 April 1:00pm-4:00pm**

**UNM SUB Room: Santa Ana**

**Session Chairs: Oskar Burger (University of New Mexico) and Bill Burnside (University of New Mexico)**

1:00 Walker, Robert\* (Max Planck Institute for Evolutionary Anthropology), Michael Gurven, (University of California – Santa Barbara), Oskar Burger (University of New Mexico), and Marcus Hamilton (University of New Mexico)  
THE TRADEOFF BETWEEN NUMBER AND SIZE OF OFFSPRING IN HUMANS AND OTHER PRIMATES

1:20 Hooper, Paul (University of New Mexico)  
UNDERSTANDING THE EFFECTS OF BRAININESS ON PRIMATE AND HUMAN LIFESPAN EVOLUTION

1:40 Hamilton, Marcus J. (University of New Mexico)  
SCALING THE METABOLISM OF HUMAN SOCIO-ECONOMIES FROM HUNTER-GATHERERS TO NATION STATES

2:00 Moses, Melanie\* (University of New Mexico) and Horacio Samaniego (University of New Mexico)  
CITIES AS ORGANISMS: ALLOMETRIC SCALING OF URBAN ROAD NETWORKS

2:20 Bettencourt, Luís (Los Alamos National Laboratory)  
URBANIZATION, SOCIAL ADAPTATION AND SUSTAINABLE DEVELOPMENT

2:40 BREAK

3:00 ROUND TABLE DISCUSSION