

**Evolution Theory, Life History, and Human Longevity  
A Conference**

**5 – 7 February 2009 – The Blackwell and Page Hall**

**Department of Anthropology - The Ohio State University**

**Participants**

Robert Arking - Biological Sciences, Wayne State University: **Reproductive Costs & Longevity in Flies and Humans**

Rachael Caspari – Anthropology, Central Michigan University: **Fossil Evidence for Adult Survivorship and Lifespan: Demographic Change and the Evolution of Modern Humans**

Douglas E. Crews – Anthropology and Public Health, Ohio State University: **Biocultural Evolution of Human Life History**

Debbie Guatelli-Steinberg – Anthropology, Ohio State University: **Teeth and Life History in Neanderthals and Modern Humans**

Hillary Kaplan – Anthropology, University of New Mexico: **The human adaptive complex and the evolution of the 70-year lifespan**

Steven Leigh – Anthropology, University of Illinois – UC: **Brain Growth and Life History in Human Evolution**

Gary Schwartz - Institute of Human Origins School of Human Evolution and Social Change, Arizona State University: **What Lemur Dental Development can Teach us About Early Hominin Life History: Examining the Evidence with a Fine "Tooth Comb"**

Jeremy Walston - Johns Hopkins University School of Medicine Division of Geriatric Medicine and Gerontology: **Frailty and Late Life Vulnerability**

## **Schedule of Events**

**Thursday 2/5/09:** 5:00 - 7:00 PM Reception Ballroom A, The Blackwell

**Friday 2/6/09:** 9:00 AM – 12:00 PM Roundtable Discussion 20 Page Hall  
Department Visits as requested

Noon - 1:30PM Lunch, The Faculty Club

2:00 – 7:00 PM Paper Presentations Ballroom A, The Blackwell

7:00 – 9:00 PM Dinner, Stadium View The Blackwell

**Saturday 2/7/09:** 9:00 AM – 12:00 PM Paper Presentations Ballroom A, The Blackwell

Noon – 2:00 PM Lunch and Discussion

## **Order of Presentations**

### **Friday:**

**What Lemur Dental Development can Teach us About Early Hominin Life History:  
Examining the Evidence with a Fine "Tooth Comb"- Schwartz**

**Teeth and Life History in Neanderthals and Modern Humans - Guatelli-Steinberg**

**Brain Growth and Life History in Human Evolution - Leigh**

**Fossil Evidence for Adult Survivorship and Lifespan: Demographic Change and the  
Evolution of Modern Humans - Caspari**

**Frailty and Late Life Vulnerability - Walston**

### **Saturday:**

**Reproductive Costs & Longevity in Flies and Humans - Arking**

**Biocultural Evolution of Human Life History - Crews**

**The Human Adaptive Complex and the Evolution of the 70-year Lifespan -  
Kaplan**