

## 'Non-human primates - Novel insights into evolution and medicine' workshop

Center for Evolution & Medicine (CEM), Arizona State University

### Wednesday, Nov 13 –

0900 – *breakfast @ CEM*

1000 – Susanne Pfeifer, Arizona State University

1050 – Jeff Wall, University of California, San Francisco

1140 – Amy Goldberg, Duke University

*Model-based estimates of zoonotic malaria in Brazil*

1205 – Lauren White, Max Planck Institute for Evolutionary Anthropology

*Leveraging non-invasive sampling and high throughput sequencing to elucidate evolutionarily significant kinship structures across chimpanzee communities*

1230 – *lunch @ CEM*

1330 – Anne Yoder, Duke University

1420 – M. Elise Lauterbur, University of Arizona

*Surviving cyanide: concerted genomic adaptations to dietary cyanide in bamboo lemurs (Prolemur and Hapalemur spp.)*

1445 – *coffee break*

1500 – Kenneth Chiou, University of Washington

*Adaptations to high altitude in the gelada monkey genome*

1525 – Mauna Dasari, University of Notre Dame

*Gut microbial aging in a wild primate*

1600 – *Social time*

### Thursday, Nov 14 –

0900 – *breakfast @ CEM*

1000 – Katie Hinde, Arizona State University

1050 – Karen Bales, University of California, Davis

1140 – Erin Kinnally, University of California, Davis

*The role of epigenetic inheritance in the transgenerational effects of nursery rearing*

1205 – Noah Simons, Duke University

*Parallel gene regulatory signatures of social stress and aging in rhesus macaques*

1230 – *lunch @ CEM*

1330 – Jeff Rogers, Baylor College of Medicine

1420 – Trisha Zintel, University of Massachusetts Amherst

*Cell-type specific investigation of neural differences between humans and chimpanzees*

1445 – *coffee break*

1500 – Lucia Carbone, Oregon Health and Science University

*Recent co-option of the gibbon-specific LAVA retrotransposon in DNA repair pathways*

1525 – Robert Field Oldt, Arizona State University

*Discovery of phenotype-informative alleles in rhesus macaques based on genetic management and targeted sequencing*

1600 – *Social time*

**Friday, Nov 15 –**

0900 – breakfast @ CEM

1000 – Evan Eichler, University of Washington

1050 – Jessica Brinkworth, University of Illinois Urbana-Champaign

*Evolutionary divergence of primate neutrophil function and its implications for disease*

1115 – Valerie Harris, Arizona State University

*An evolutionary perspective on cancer prevalence in non-human primates*

1140 – Anne Stone, Arizona State University

1230 – Conclusion of the meeting