

National Academy of Sciences
Division of Behavioral and Social Sciences and Education
Committee on Population

*Workshop: **Advancing Biodemography***

8 – 9 April 2014

Keck Center, Room 100
500 Fifth St NW
Washington DC 20001

DAY 1: 8 April 2014

0800	0815	Meredith Lane / Maxine Weinstein	Welcome & Logistics Introduction to the Workshop
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Session 1: SINCE ZEUS AND THE SALMON

(moderator: Maxine Weinstein)

0815	0840	Caleb Finch & Burton Singer	Pathways of Survival and Social Structure during Human Transitions from the Darwinian World
0840	0905	Kenneth Wachter (by phone)	Alleles, Mortality Schedules, and the Evolutionary Theory of Senescence
0905	0950	Respondent: Hillard Kaplan and all present Discussion	

Session 2: THE LONG ARM OF CHILDHOOD

(moderator: Caleb Finch)

0950	1015	Chris Kuzawa & D. T. A. Eisenberg	Lifecourse and Intergenerational Pathways to Plasticity in Human Lifespan
1015	1030	Break	
1030	1055	Anne Bronikowski et al.	Biodemography of Ectothermic Vertebrates Provides Insights into the Evolution and Plasticity of Mortality Trajectories
1055	1120	Steve Suomi & Melinda Novak*	Influence of Early Social Experience on Later Behavior and Health in Rhesus Monkeys
1120	1205	Respondent: Jeffrey Kahn and all present Discussion	

1205 1215 Remarks by workshop sponsor (Richard Suzman for NIA)

1215 1330 Lunch

Session 3: INTERGENERATIONAL TRANSFERS

(moderator: Susan Alberts)

1330 1355 Jonathan Stieglitz et al Work to Live and Live to Work: Productivity and Psychological Well-being in Adulthood and Old Age

1355 1420 Ronald Lee Intergenerational Transfers, Social Arrangements, Life Histories, and the Elderly

1420 1505 Respondent: John Haaga and all present **Discussion**

1505 1520 Break

Session 4: TRADEOFFS: HEALTH, REPRODUCTION, LONGEVITY, part 1

(moderator: Hillard Kaplan)

1520 1555 Brian Johnson & James Carey Hierarchy and Connectedness as Determinants of Health and Longevity in Social Insects

1555 1620 Peter Ellison & Mary Ann Ottinger A Comparative Perspective on Reproductive Aging and Social Behavior

1620 1705 Respondent: Daniel T. A. Eisenberg and all present **Discussion**

1705 Workshop closes for the day

DAY 2: 9 April 2014

0825 0830 Meredith Lane Welcome to second day; announcements

Session 4: TRADEOFFS: HEALTH, REPRODUCTION, LONGEVITY, part 2

(moderator: Maxine Weinstein)

0830 0855 Joan Silk Evolutionary Perspectives on the Links between Close Social Bonds, Health, and Fitness

0855 0920 Susan Alberts et al. The Male-Female Health-Survival Paradox: A Comparative Perspective on Sex Differences in Aging and Mortality

0920 0945 Respondent: Janet Mann and all present **Discussion**

Session 5: DISPARITY AND VARIANCE, part 1

(moderator: Jeanne Altmann)

- 0945 1010 Michael G. Marmot & Robert Sapolsky** Of Baboons and Men: Social Circumstances, Biology, and the Social Gradient in Health
- 1010 1025 Break**
- 1025 1050 Paul Hooper et al** Social Underpinnings of Human Biodemography
- 1050 1135** Respondent: **Steve Austad** and all present **Discussion**
- 1135 1250 Lunch**

Session 5: DISPARITY AND VARIANCE, part 2

(moderator: Mary Ann Ottinger)

- 1250 1315 John Wingfield*** *Change in Social Interactions over the Life Course*
- 1315 1340 Karen Ryan** Psychosocial Stress, Metabolic Disease, and the Gut Biota
- 1340 1405 Jenny Tung** Genes Revisited: The Biodemography of Social Environmental Variation through a Functional Genomic Lens
- 1405 1450** Respondent **David A. W. Miller** and all present **Discussion**
- 1450 1505 Break**

Section 6: THEORY AND THE FUTURE

(moderator: Maxine Weinstein)

- 1505 1530 Kenneth Weiss** Genomic and Evolutionary Challenges for Biodemography
- 1530 1615 Discussion**
- 1615 1700 Closing Remarks** – Richard Suzman [John Haaga], Maxine Weinstein
- 1700** Workshop adjourns

* Oral presentation only; no written paper