DRAFT AGENDA: 2014-03-25

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

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
Life-course 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)*

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>0945</td>
<td>Michael G. Marmot</td>
<td>Of Baboons and Men: Social Circumstances, Biology, and the Social Gradient in Health</td>
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<td>Robert Sapolsky</td>
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<td>1010</td>
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<td>1025</td>
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<td>Break</td>
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<tr>
<td>1025</td>
<td>Paul Hooper et al</td>
<td>Social Underpinnings of Human Biodemography</td>
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<td>1050</td>
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<td>Respondent: Steve Austad and all present Discussion</td>
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<td>1135</td>
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<td>Lunch</td>
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### Session 5: DISPARITY AND VARIANCE, part 2

*(moderator: Mary Ann Ottinger)*

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<th>Time</th>
<th>Speaker</th>
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<tr>
<td>1250</td>
<td>John Wingfield*</td>
<td>Change in Social Interactions over the Life Course</td>
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<td>1315</td>
<td>Karen Ryan</td>
<td>Psychosocial Stress, Metabolic Disease, and the Gut Biota</td>
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<td>1340</td>
<td>Jenny Tung</td>
<td>Genes Revisited: The Biodemography of Social Environmental Variation through a Functional Genomic Lens</td>
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<td>1405</td>
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<td>Respondent David A. W. Miller and all present Discussion</td>
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<td>Break</td>
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### Section 6: THEORY AND THE FUTURE

*(moderator: Maxine Weinstein)*

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<th>Time</th>
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<tr>
<td>1505</td>
<td>Kenneth Weiss</td>
<td>Genomic and Evolutionary Challenges for Biodemography</td>
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<td>1530</td>
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<td>Discussion</td>
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<td>1615</td>
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<td>Closing Remarks – Richard Suzman [John Haaga], Maxine Weinstein</td>
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<td>1700</td>
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<td>Workshop adjourns</td>
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* Oral presentation only; no written paper