Day 1

Registration
10.00
Welcome
11.00

Session 1
11.10 Noel Cameron The growth and development of cohort studies
11.30 Sophie Moore Using longitudinal data to understand nutrition and health interactions in rural Gambia
12.00 Charlotte Lane Cross-context similarities in growth in HIV-exposed and -uninfected infants: a comparison of the growth trajectories in the BAN and Kabeho studies
12.15 Francesca Little Growth Curve comparisons to assess impact of HIV infection and ART on Head Circumference profiles of a cohort of South African infants

Lunch
12.30

Session 2
13.30 Ken Ong The value of cohort studies for exploring the aetiology of child obesity
14.00 William Johnson Differences in the relationship of weight to height, and thus the meaning of BMI, according to age, sex, and birth year cohort
14.30 Tom Norris Is the relationship of adult obesity with cardiometabolic risk factors modified by age of onset, duration of exposure, and childhood growth patterns?

Refreshments
14.45

Session 3
15.15 Katie Harron Data linkage methods in cohort studies
15.45 Maximiliane Verfuerden Linkage accuracy as a source of bias in RCTs using unconsented linkage to administrative school data to assess long-term cognitive outcomes
16.00 Gilberte Martine-Edith Health and socio-demographic predictors of treatment modality for gestational diabetes: evidence from the Born in Bradford cohort study
16.15 Britt Wang Jensen Body mass index trajectories in adult patients with type 2 diabetes
Tanner Award lecture
16.30  Tim Cole  Growth at adolescence: Tanner’s legacy and recent SITAR insights

Poster viewing and wine reception
17.15 – 19.15

Maryam Abarghoueinejad  Design, methods and baseline results in young soccer players: The INEX project
Barry Bogin  Inequalities in childhood IQ trajectories in Guatemala according to birth year, school, and height
Courtney Choy  Growth in children between 2-7 years of age: Evidence from Ola Tuputupua’e “Growing Up” in Samoa cohort study
Silvia Costa  Associations of childcare type, duration, and intensity with body mass index trajectories from 10 to 42 years of age in the 1970 British Cohort Study
Fadil Elamin  Radiographic alveolar ridge attainment of permanent teeth in Children from Sudan
Eduardo Guimarães  In search of excellence in youth basketball players. Study design and baseline results of the INEX project
Victoria Harries  Samoan mother’s perception of infant hunger and food enjoyment, and association with continuation of exclusive breastfeeding: Foafoaga O Le Ola study
Joseph Kindler  Characteristics of Ultradistal Radius Bone Density during Childhood: Results from the Bone Mineral Density in Childhood Study
Shohei Kokudo  Growth standards of Brahman/Chhetri and Newar/Janajati in Nepal
Zhifei Liu  Does fecal regenerating 1B protein concentration predict growth in rural Malawian infants and children?
Helen Liversidge  Nolla’s longitudinal tooth formation data revisited
Kesson Magid  Sex differences in frequency, but not timing of onset or diagnosis of pituitary gigantism: evidence from the Genetics of Endocrine Tumours study
Ellie Robson  The relationship of early-life adversity with adulthood weight and cardiometabolic health status in the 1946 National Survey of Health and Development
Ellen Thompson  Which overweight adults do not realise they are overweight?
Keiko Ueda  Standardization of foot growth curves for Japanese children aged 18-78 months
Charlotte Watson  Latent class models for use in a clinical setting using cohort data
Leo Westbury  Describing change in musculoskeletal aging: a comparison of techniques using data from the Health, Aging and Body Composition Study
**Day 2**

**Session 4**

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
<th>Presentation</th>
<th>Questions</th>
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<tbody>
<tr>
<td>09.00</td>
<td>Andrew Bell</td>
<td>Age Period Cohort analysis: The identification problem and what to do (and not do) about it</td>
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<tr>
<td>09.30</td>
<td>Leah Li</td>
<td>Changes in life-course BMI trajectories in Chinese population</td>
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<td>10.00</td>
<td>Carlos Varea</td>
<td>Economic crisis, trends in maternal profile and birth outcome in Spain</td>
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**Refreshments**

10.15

**Award lectures**

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<tbody>
<tr>
<td>10.45</td>
<td>Julie Aarestrup</td>
<td>Childhood body mass index and height and risks of polycystic ovary syndrome</td>
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<td>11.05</td>
<td>Martin Mutua</td>
<td>Complete and on-time routine childhood immunization: Determinants and association with severe morbidity in urban informal settlements, Nairobi, Kenya</td>
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**Cohorts in development**

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<th>Speaker</th>
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<tr>
<td>11.30</td>
<td>Benjamin Campbell</td>
<td>Prospective Cohort Study of Childhood Growth and Development among the Ju’Hoansi of Nyae Nyae, Namibia</td>
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<tr>
<td>11.45</td>
<td>Jelena Sarac</td>
<td>Challenges and opportunities identified in the Croatian Islands' Birth Cohort Study (CRIBS) pilot</td>
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<td>12.00</td>
<td>Nicola Hawley</td>
<td>Cohort Profile: The ‘Ola Tuputupua’e’ (Growing Up) Study, Samoa</td>
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<td>12.15</td>
<td>Melissa Wake</td>
<td>The Generation Victoria (GenV) cohort: Building tomorrow’s frameworks for biosocial collaboration</td>
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**Lunch**

12.30

**Session 5**

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<tr>
<td>13.30</td>
<td>Clare Llewellyn</td>
<td>The nature of nurture: how genetically sensitive cohorts have improved our understanding of gene-environment interplay in the development of obesity</td>
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<td>14.00</td>
<td>Moira Lewitt</td>
<td>Low IGFBP-1 is associated with adiposity but not change in adiposity from midlife to old age in the Swedish Adoption/Twin Study of Aging</td>
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<td>14.15</td>
<td>Sinead English</td>
<td>Effects of prenatal stress on lactation and offspring development: linking evolutionary models with human cohort studies</td>
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<td>14.45</td>
<td>Virginia Vitzthum</td>
<td>Testing assumptions on the links between ovarian steroid concentrations and lifetime fertility with cohort data from Bolivian women</td>
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<td>15.00</td>
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<td>15.15</td>
<td>Plenary</td>
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<td>16.15 – 17.00</td>
<td>Christopher Kuzawa</td>
<td>Integrating evolutionary theory into longitudinal cohort studies: Insights from a birth cohort in the Philippines</td>
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<td>Drop-in-session</td>
<td>Tim Cole</td>
<td>Q&amp;A on trajectory modelling</td>
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<td>17.00 – 18.00</td>
<td>William Johnson</td>
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<td>Conference dinner &amp; entertainment</td>
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Day 3

Session 6
09.00  Julia Beaumont  The tooth, the whole tooth and nothing but the tooth: cohort and longitudinal study
09.15  Patrick Thevissen  Validating reproducibility of tooth development staging techniques based on the prediction of mature root lengths, using longitudinal data
09.30  Said Nassor Abeid  Analysis of Alu elements within the human Major Histocompatibility class I region in the Comoros Archipelago
09.45  Tamara Leskovar  Investigating isotopic profiles of human auditory ossicles

Refreshments
10.00

Session 7
10.30  Darya Gaysina  Common mental health problems and cognitive ageing
11.00  Amanda Hughes  Common health conditions in childhood and adolescence, educational attainment and absenteeism in the Avon Longitudinal Study of Parents and Children
11.30  Komal Bhatia  Does complementary feeding with animal source foods (6-23 months) mediate the effect of predominant breastfeeding (0-5 months) on length at 24 months?

Plenary
11.45  Jennifer Baker  Body size and growth in childhood and the risks of disease in adult life

Lunch
12.30

Session 8
13.15  Barbara Heude  Prenatal factors of variation of cord blood hormones in the EDEN mother-child cohort
13.45  Peter Thomas  Childhood body size, growth and risks of systemic lupus erythematosus
14.00  Adam Baxter-Jones  Relationship between trajectories of trunk fat mass development in adolescence through emerging adulthood and cardiometabolic risk at 36 years of age
14.15  Rebecca Hardy  Life course biological trajectories in cohort studies

Closing remarks
14.35 – 14.45