The Raine Study
A unique West Australian Resource for Health and Medical Researchers

Presented by Prof. Peter Eastwood
Scientific Director, Western Australian Pregnancy (Raine) Cohort

The Raine Study is one of the largest successful prospective cohorts of pregnancy, childhood, adolescence and now young adulthood in the world. It began in 1989 at King Edward Memorial Hospital with the recruitment of 2,900 pregnant women in early pregnancy. These families were followed through pregnancy and 2,868 children born to the mothers have been reviewed in detail at ages 1, 2, 3, 5, 8, 10, 14, 17, 18, 20 and now at 23 years of age. Each member of the cohort has over 95,000 measures of health and disease and demographic data as well as information on more than 2.5 million genetic variants.

The prospective longitudinal design of the Raine Study allows causal pathways of complex conditions such as cardiovascular, respiratory and psychiatric disease to be investigated. The Raine Study has already contributed to scientific research in many ways and led to novel discoveries across a range of disciplines, particularly childhood diseases.

The Raine Study is now moving into the adult years. At 23 years old, the cohort is well placed to assess the effects of the disturbing transition of obesity onset from the middle-aged population to younger age groups. By engaging with researchers in the fields of adult health and medicine the Raine Study has the potential to provide unprecedented data on the prevalence, clinical picture and risk factors for disease in early adulthood and beyond.

All Welcome
Come along to see how you can use this resource for your research projects

When: 22nd November 2013
Where: ND 46/302
When: 12.30 – 1.20pm

Please feel free to bring your lunch

Please RSVP to Beth Hands by 18th November
Email: Beth.Hands@nd.edu.au