

## SEATTLE LONGITUDINAL STUDY (SLS)

SLS examines patterns of change in intelligence and various abilities throughout adulthood as well as patterns of generational differences, age-related individual differences, and incidence of disease in relation to mental abilities.

### **Listing of study variables & measurement of variables**

#### **Health histories:**

- International Classification of Diseases
- role of hypertension, cardiovascular, diabetes, arthritis and malignant neoplasms

#### **Neuropsychological assessment:**

- inductive reasoning- PMA Reasoning, ADEPT Letter Series, Word Series, Number Series
- spatial orientation- PMA Space, object rotation, alphanumeric rotation, cube comparisons
- numerical abilities-PMA number, addition, subtraction, multiplication
- verbal abilities-PMA verbal meanings, ETS vocabulary, ETS Advanced,
- perceptual speed- identical pictures, Finding A's, Number Comparison
- verbal memory- immediate recall, delayed recall, PMA word fluency
- everyday tasks- ETS basic skills
- rigidity-flexibility- test of behavioural rigidity
- life styles measures
- leisure activities (including physical activity)
- nutrition information from the Health Behavior Questionnaire
- subjective perceptions- family environment, work environment, ability change
- NEO personality questionnaire and limited personality data from the Test of Rigidity

#### **For subjects over 60 years of age:**

- various measures of the CERAD (neuro-psychological) battery
- lipid profiles and ApoE genotypes