North West Adelaide Health Study –
Process for substudies and obtaining data

Janet Grant BA Lib&InfoMan MPH PhD Candidate
NW AH Study Co-ordinator
Population Research & Outcome Studies, Discipline of Medicine
What information do we collect?
CORE – All 3 stages

- **Conditions**
  - asthma, bronchitis, emphysema (incl **lung function testing**)
  - diabetes (incl **blood sample testing for glucose and HbA1C for diabetes**)
  - cardiovascular disease (heart attack, stroke, angina) (incl **blood pressure testing** and **blood sample testing for cholesterol and triglycerides**)
  - mental health (anxiety, depression, stress-related, any other mental health conditions)

- **Risk Factors**
  - smoking
  - alcohol
  - obesity and central adiposity (incl **height & weight for body mass index, waist and hip circumference**)
  - quality of life (SF36)
  - physical activity (National Health Survey/Active Australia)
  - health care utilisation
  - family history (diabetes, heart disease, stroke)

- **Demographics**
  - education, household income, marital status, work status, pension benefit
What information do we collect?
MATCHED – 2 of 3 stages

- **Conditions**
  - cardiovascular disease (TIA/mini-stroke)
  - musculoskeletal conditions - **osteoarthritis**, arthritis (low back, hips, knees, feet, shoulders, hands), injury (incl **hand grip strength**)
  - depression (CES-D)
  - kidney health (incl **urine sample testing for albumin & creatinine**)

- **Risk Factors**
  - family history (osteoarthritis)

- **Demographics**
  - occupation, family structure
What information do we collect?  
SINGLE MEASURES – Stages 1, 2 & 3 and TFU2

| Stage 1: | **Risk factors:** skin allergies  
**Demographics:** age, date of birth, sex, number of people <18 and 18+ in household, country of birth, Aboriginal/Torres Strait Islander status |
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| Stage 2: | **Conditions:** mental health (GHQ12), arthritis *(shoulder movements; hand photos)*  
**Risk factors:** sunlight, menopause |
| Telephone Follow Up 2: | Supplementary information including demographics (occupation, study and other life commitments), life-course information (parents’ country of birth, etc), neighbourhood migration, lifestyle, nutrition, psychological distress (K10) |
| Stage 3: | **Conditions:** gout  
**Risk factors/other:** family history (high blood pressure, body type of biological parents, asthma), quality of life (AQOL), sleep and sleep apnoea, mastery and control, major health events, cardiovascular knowledge, household food habits and environment, other people in household, kindergarten attendance, carers role, nutrition (food frequency questionnaire), **blood sample** *(DNA, c-reactive protein, complete blood exam & biochemistry), exhaled nitric oxide, exhaled carbon monoxide, pulse oximetry,* health literacy (short form)  
**Demographics:** housing situation, money situation |
Application forms
Data & substudy requests

Substudy – participant burden & ongoing involvement

Research project – proposal & ethics approval

Non-transferability of specific agreement

Publications – review by study CIs

Acknowledgement of study team and participants

Non-identification

No distribution of data

Payment

Weighting data

Security of data

Refusal to release study data

Termination of agreement
Contact details

- Janet Grant – Study Co-ordinator
  C/o Population Research & Outcome Studies
  The University of Adelaide

- Tel 8313 1212

- Email janet.grant@adelaide.edu.au