

1. Short summary (e.g., current status, size of cohort, any upcoming changes in study protocol) of your study in PDF (format Arial font 12pt)

The Study of Women's Health Across the Nation (SWAN) is a multi-site longitudinal, epidemiologic study designed to examine the health of women during their middle years. The study examines the physical, biological, psychological and social changes during this transitional period. The goal of SWAN's research is to help scientists, health care providers and women learn how mid-life experiences affect health and quality of life during aging. The study is co-sponsored by the National Institute on Aging (NIA), the National Institute of Nursing Research (NINR), the National Institutes of Health (NIH), Office of Research on Women's Health, and the National Center for Complementary and Alternative Medicine.

SWAN includes a large and representative sample of African-American, non-Hispanic Caucasian, Chinese, Hispanic, and Japanese women. The study design included a cross-sectional study as well as a longitudinal cohort study. The cohort was recruited from the participants who took part in the cross-sectional component of the study. Recruitment of women took place in seven locations across the US. They include Boston, MA; Pittsburgh, PA; Newark, NJ; Oakland, CA; Detroit, MI; Chicago, IL; and Los Angeles, CA. Multiple sampling frames and multiple sampling approaches were utilized to meet the recruitment goals for each site: a total of 450 women with appropriate proportional representation of the non-Hispanic Caucasian group and the minority group represented in their community (African-American, Hispanic, Chinese, or Japanese).

The baseline cohort was comprised of 3,302 participants. Follow-up visit 06 was closed out as of April 30, 2004. A total of 2,442 women participated in Visit 06. Follow-up visit 07 is currently winding down at a few of the sites. Data collection for the follow-up visit 08 was initiated in March of 2004. It is anticipated that the participants will complete a total of 10 follow-up visits.

2. Status of the project (start and end dates).
 - a. SWAN began collecting data in November of 1995 and is currently ongoing.
3. Link to study website, if available.
 - a. <http://www.swanstudy.org>
 - b. <http://www.edc.gsph.pitt.edu/swan/>
4. Suggested keywords;
 - a. Women's Health; Menopause;
5. Contact person for your study and their phone and e-mail address
 - a. Janet Johnston, PhD

- b. SWAN Coordinating Center, Epidemiology Data Coordinating Center, Graduate School of Public Health, University of Pittsburgh, 127 Parran Hall, 130 DeSoto Street, Pittsburgh, PA 15261
 - c. Voice: 412-624-5447
 - d. Fax: 412-624-3775
6. Additional details of your study that you'd like us to include in the data base.

In addition, we would appreciate it if you completed the chart below:

Country:	USA	X	Physiological Measures	X	Psychological Measures
Sample Size:	3302	X	Functional Health	X	Cognitive Abilities
Age Group:	Baseline Age Range 42-52	X	Lifestyle: Physical Activity	X	Social and Demographic Measures
Gender:	Female	X	Lifestyle: Nutrition	X	Health Services Utilization
# Cohorts:	1	X	Lifestyle: Other		
Total Waves:	Baseline plus 10 follow-ups are scheduled	X	Minorities		

FYI: Fill in First Column/ checkmark next two columns. Gender should be M/F/Both

SWAN Variables Collected	Number of Times Collected
Health and Functioning:	
Self-assessed Health Status	11
Self-reported Height & Weight	1
Health Care Utilization/Availability	11
Gynecologic/Menstrual Events	11
Medical History/Events	11
Medications and Supplements	11
Hormone and OC use	11
Alternative Therapy Use, 5	6
Alternative Therapy Use, 22	5
Incident Hysterectomy	11
Urinary Incontinence	11
Family Medical History	3
In Utero Exposure to DES	1
Symptoms (vasomotor,	11
Role Functioning (SF36):	
Selected Subscales	7
Full Instrument	3
Sexual Functioning	10
Cognitive Functioning	2
East Boston Memory Test, Symbol Digit	4
Faces Test from Weschsler	2
Physical Measures:	
Bone Mineral Density	11
Bioimpedance	5
Vertebral Morphometry	3
Height, Weight, BD, waist & hip girth	11
Monthly Bleed & Symptom Calendar	11

Blood Draw Assays:	
Dehydroepiandrosterone sulfate (DHEAS)	11
Estradiol	11
Follicle-stimulating hormone (FSH)	11
Testosterone	11
Sex-hormone-binding globulin (SHBG)	11
Thyroid Stimulating Hormone (TSH)	4
Total Cholesterol	11
High Density Lipoprotein Cholesterol	11
Low Density Lipoprotein Cholesterol	11
Apolipoprotein B	11
Triglycerides	11
Glucose	11
Insulin	11
Lipoprotein Lp(a)	11
Lp(A1)	10
C-Reactive Protein	10
Fibrinogen	11
TPA	11
Vascular Stiffness (Dyna Pulse Technique)	4
Serum Creatinine	4
PAI1	8
Life Style:	
Alcohol Consumption	11
Smoking Status	11
Passive Smoke Exposure	6
Physical Activity, 6-9 items	6
Physical Activity, Full Baecke	5
Diet	3

Psychosocial:	
Symptoms (Psychological)	11
Depressive Symptomology	11
Sleep	11
Quality of Life	11
Personality Traits	6
Perceived Stress/Life Events	11
Discrimination	6
Multiple Roles	9
Social Support	8
Attitudes Toward Aging/Menopause	1
Religiosity/Spirituality	3
Demographics:	
Birthdate	1
Ethnicity	1
Education	1
Marital Status/Household Composition	11
Occupation/Income/Economic Status	11