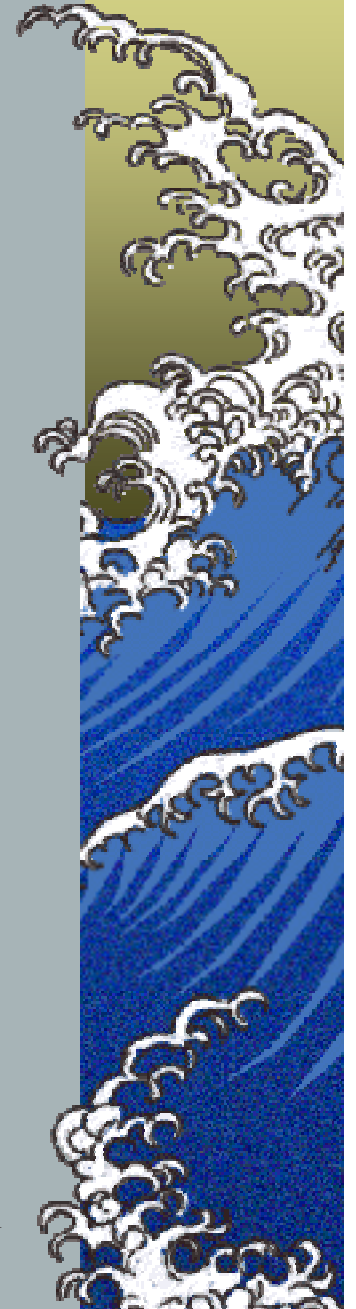


The Dimensions Model And Mammography Screening among Thai Women

Mary Jo Clark, PhD, RN

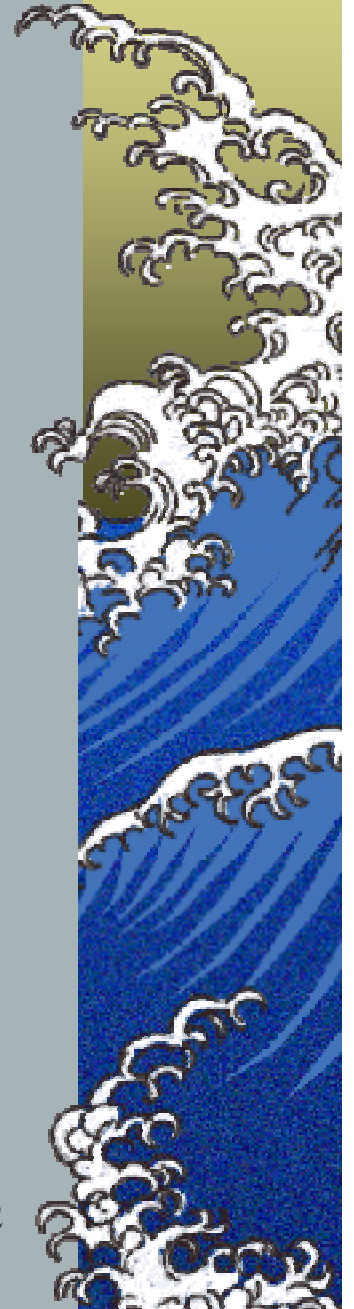
Bulaporn Natipagon-Shah, PhD, RN

*Public Health Nursing Section
American Public Health Association
Washington, DC
November 6, 2007*



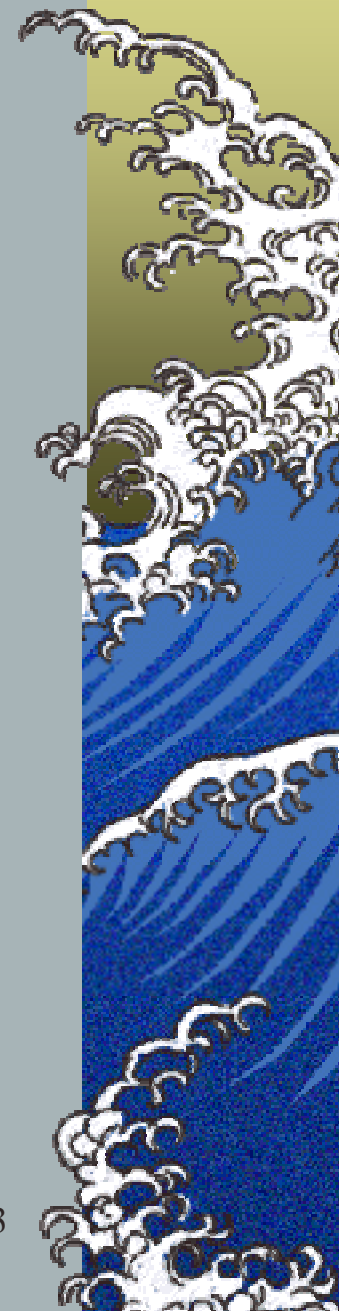
Presentation Purpose

- *Introduce the Dimensions Model*
- *Discuss the use of the model in a study of mammography among Thai women in Southern California*



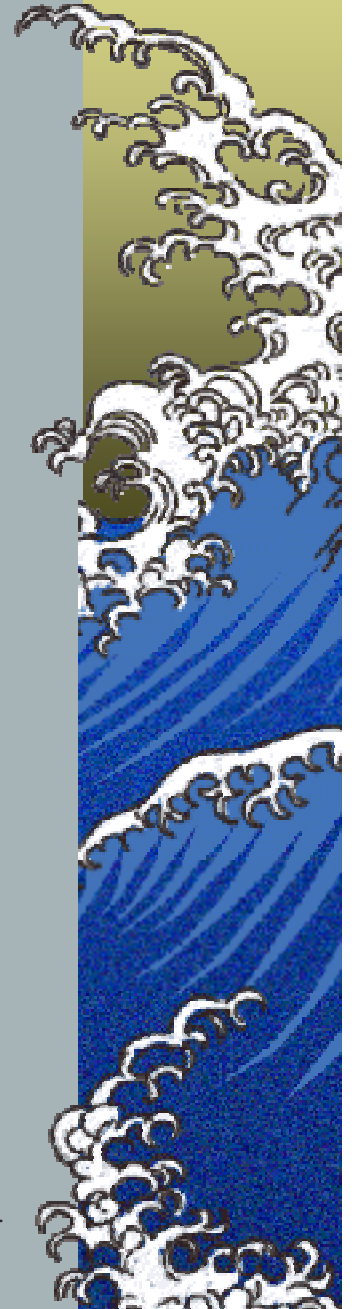
Study Funding

- *This research was supported by a Community Research Collaboration award from the California Breast Cancer Research Program*



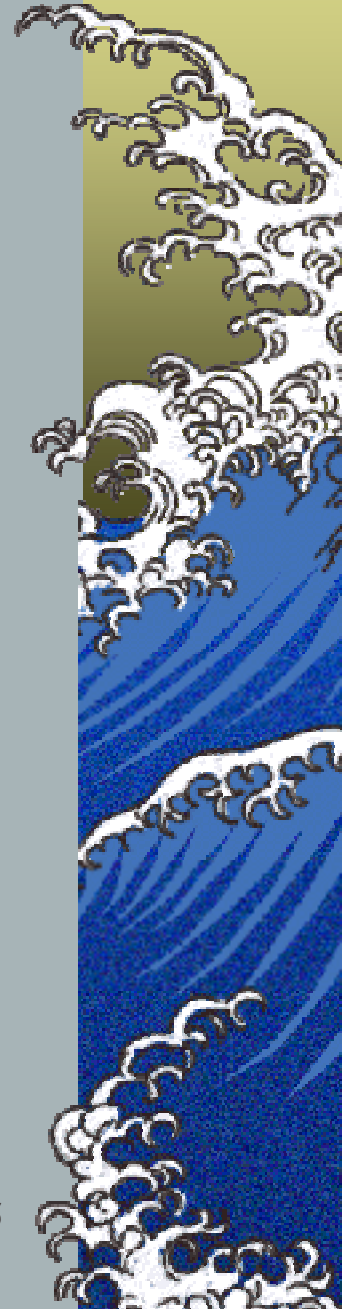
The Dimensions Model

- *A model for community health nursing practice incorporating:*
 - *A determinants of health perspective*
 - *Levels of prevention*
 - *Nursing intervention*



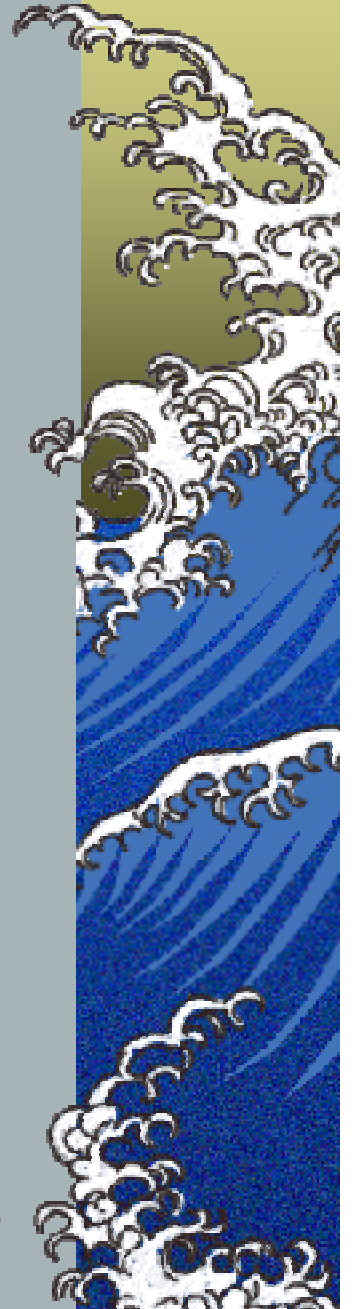
Model Components

- *Dimensions of health*
- *Dimensions of health care*
- *Dimensions of nursing*



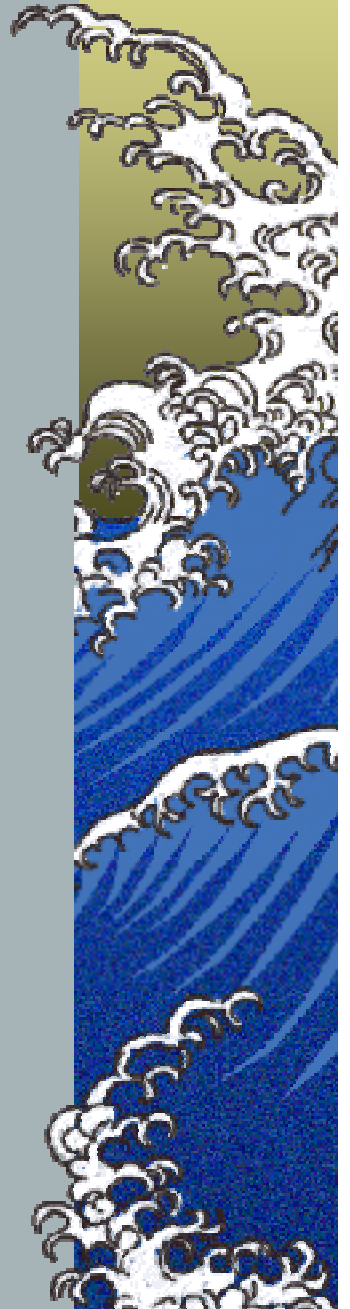
Dimensions of Health

- *Biophysical*
- *Psychological*
- *Physical environmental*
- *Sociocultural*
- *Behavioral*
- *Health system*



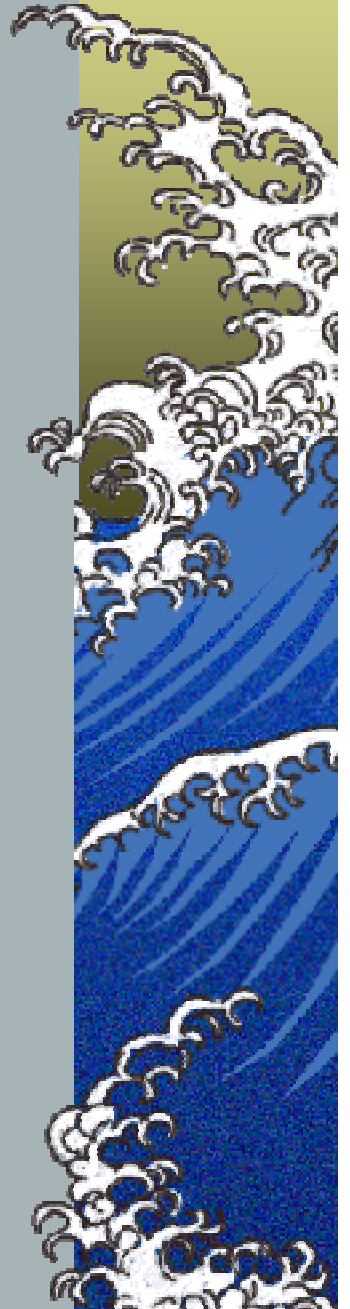
Dimensions of Health Care

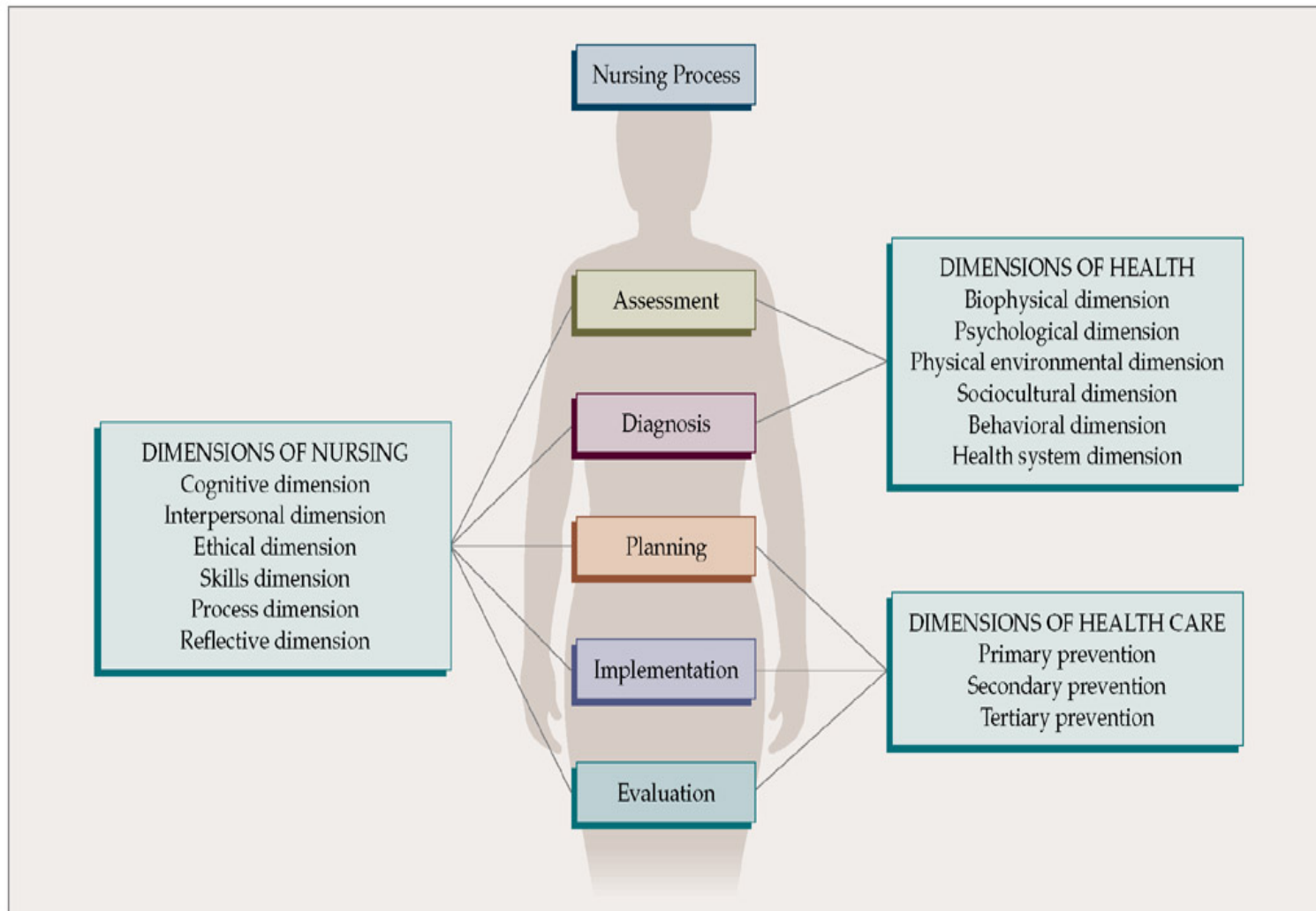
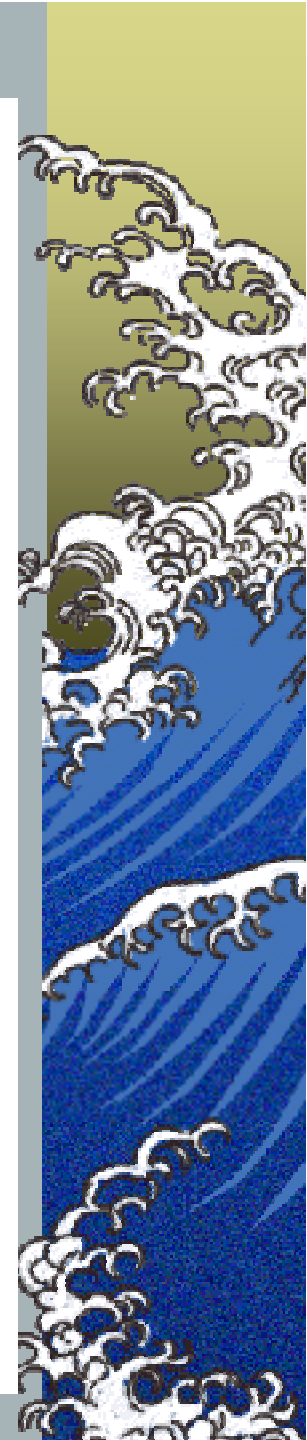
- *Primary prevention*
- *Secondary prevention*
- *Tertiary prevention*



Dimensions of Nursing

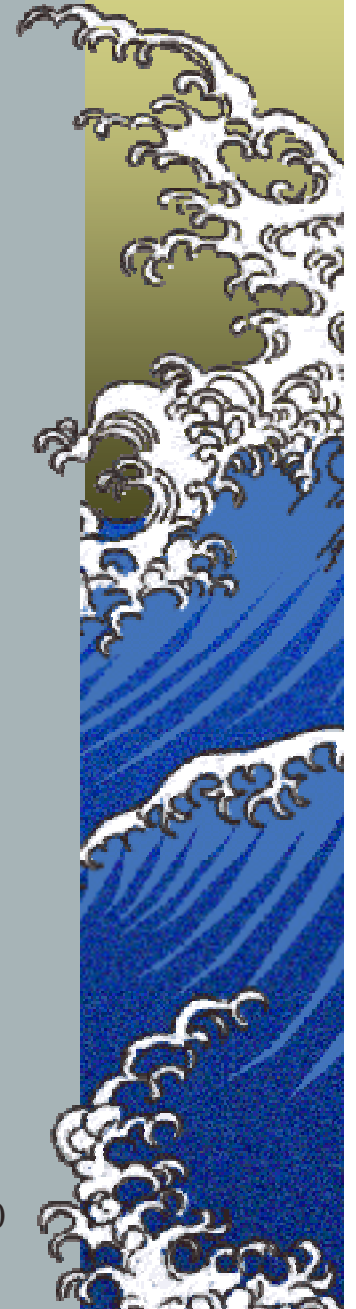
- *Cognitive*
- *Interpersonal*
- *Ethical*
- *Skills*
- *Process*
- *Reflective*





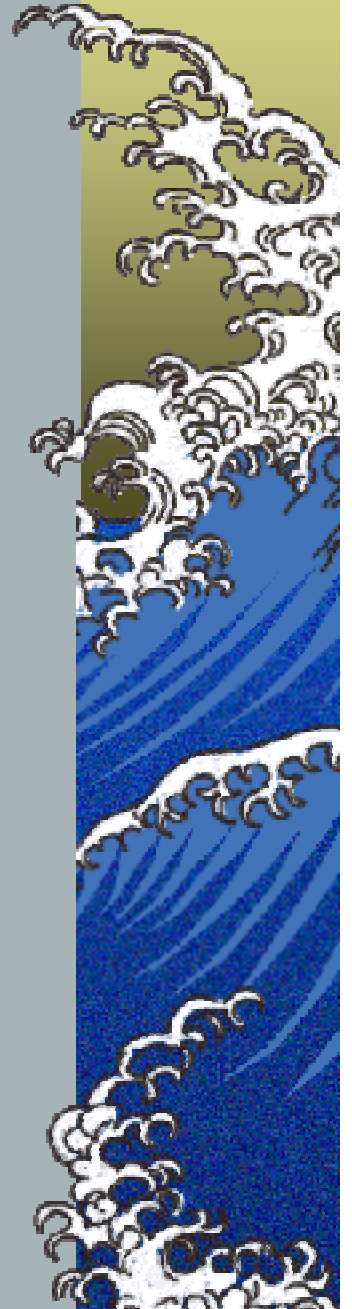
Study Purpose

- *To identify factors that promote or impede mammography screening among older Thai women in Southern California*



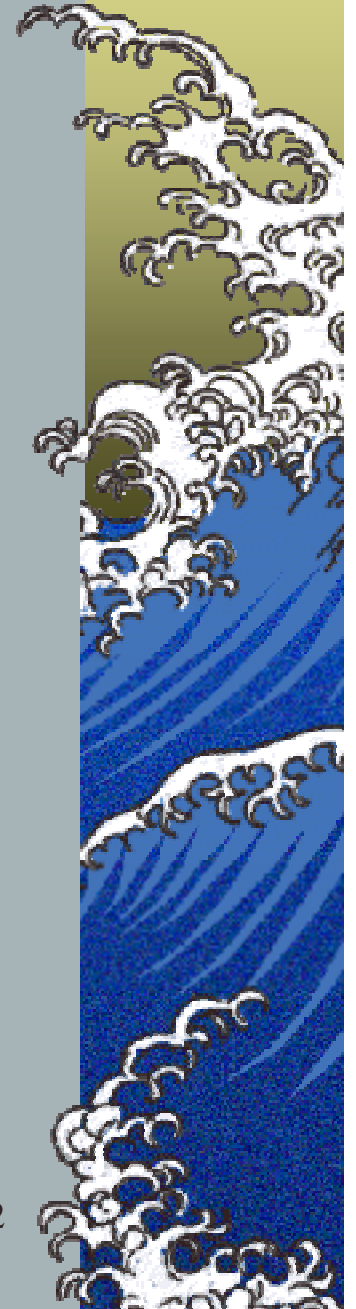
Methods

- *Focus groups with 36 Thai women aged 40-73 in Los Angeles and San Diego counties*
- *Content analysis of focus group transcripts*



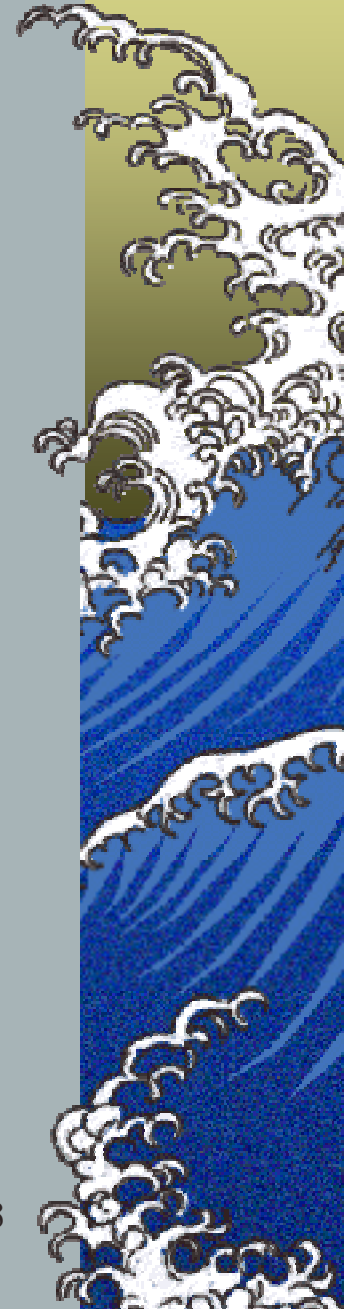
Findings: Biophysical Factors

- *Maturation and aging:*
 - *Belief that breast cancer only occurs in older women*
 - *Older age brings greater health consciousness and concern*
- *Genetic inheritance: Belief that Thai women don't usually get breast cancer*



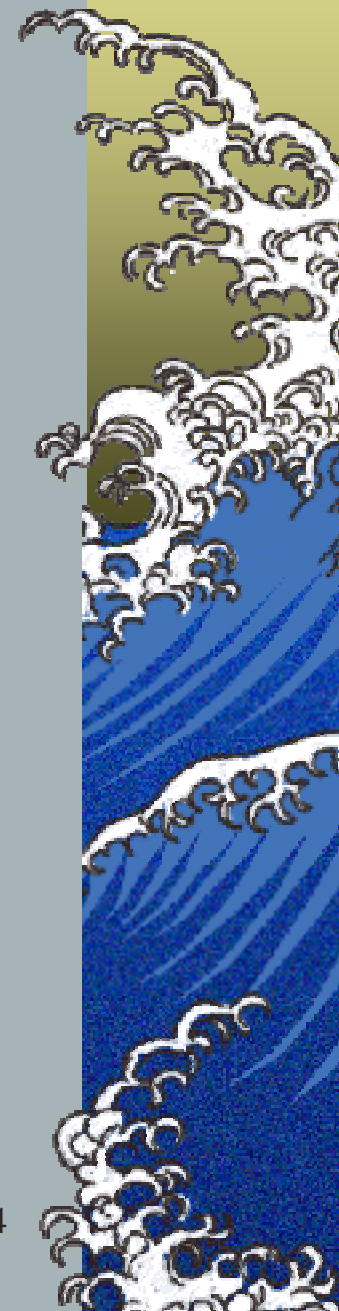
Findings: Biophysical Factors

- *Physical factors:*
 - *Breast lump, leakage*
 - *Large breasts*
 - *Physical injury*
 - *Pain*



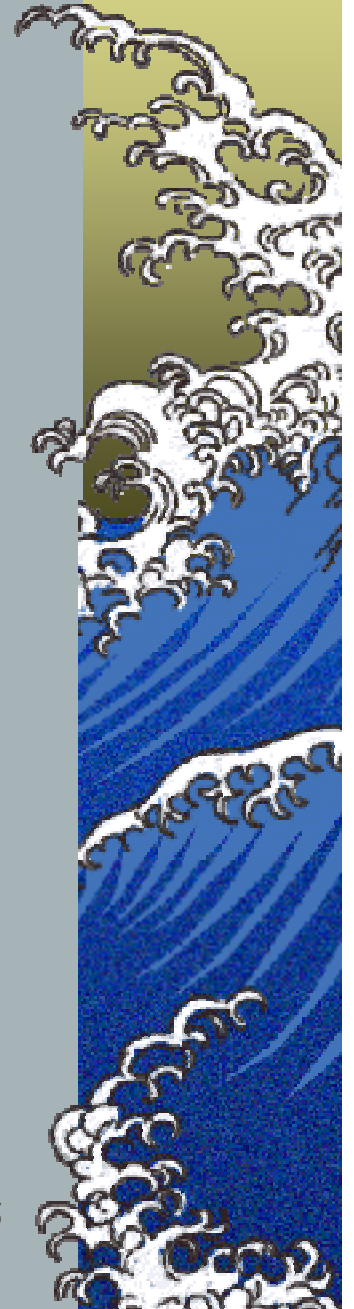
Findings: Psychological Factors

- *Fear*
 - *Some women fear finding out that they have cancer*
 - *Some fear having cancer and want to find out as early as possible*
- *Karma*
- *Stress as a cause of cancer*



Findings: Physical Environmental Factors

- *Distance to services (more relevant in Thailand than U.S.)*
- *Lack of transportation*



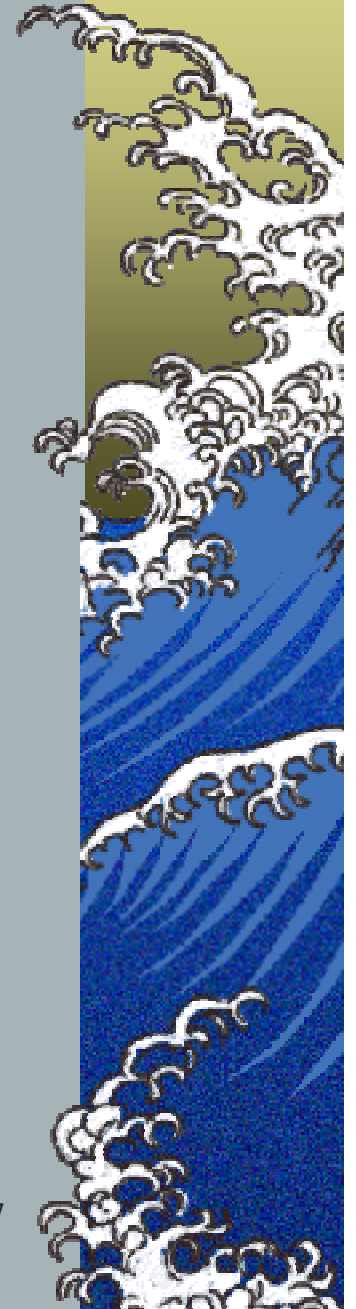
Findings: Sociocultural Factors

- *Knowledge*
- *Culture*
- *Language barriers*
- *Economic issues*
- *Social responsibilities*



Findings: Behavioral Factors

- *Touching/squeezing breasts*
- *Prostitution*
- *Use of hormones*
- *Augmentation*
- *Diet*
- *Procrastination*
- *BSE substitution*



Findings: Health System Factors

- *Health insurance status*
- *Provider messages*
- *Mammography services*



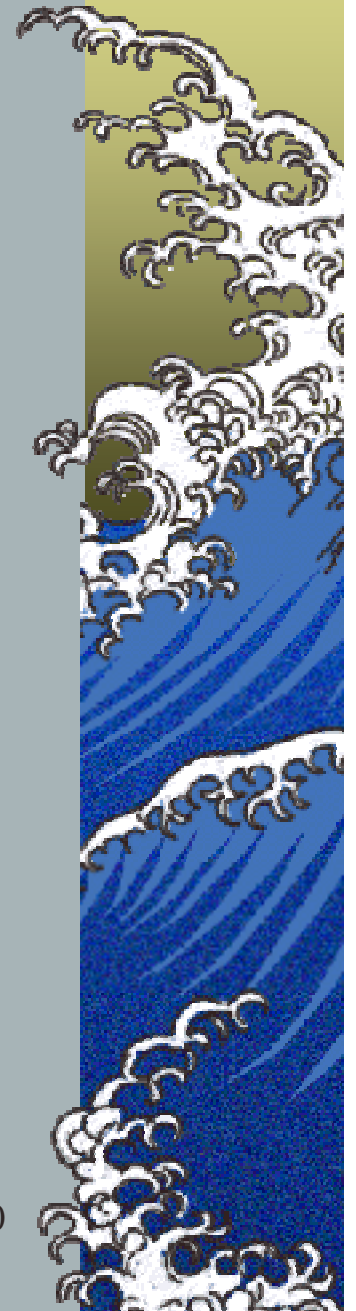
Next Steps

- *Telephone interviews to determine prevalence of factors in the Thai community.*
- *Intervention study*



Intervention

- *Will probably target 40-50 age group*
- *Will probably focus on*
 - *Changing perceptions of susceptibility*
 - *Decreasing perceptions of pain as an impediment to screening*
 - *Redefining social responsibilities to include screening*



Intervention

- *Will incorporate the*
 - *Cognitive dimension*
 - *Interpersonal dimension*
 - *Ethical dimension*
 - *Process dimension, and*
 - *Reflective dimension of nursing*

