

Centers for Population Health and Health Disparities: Biology to Population

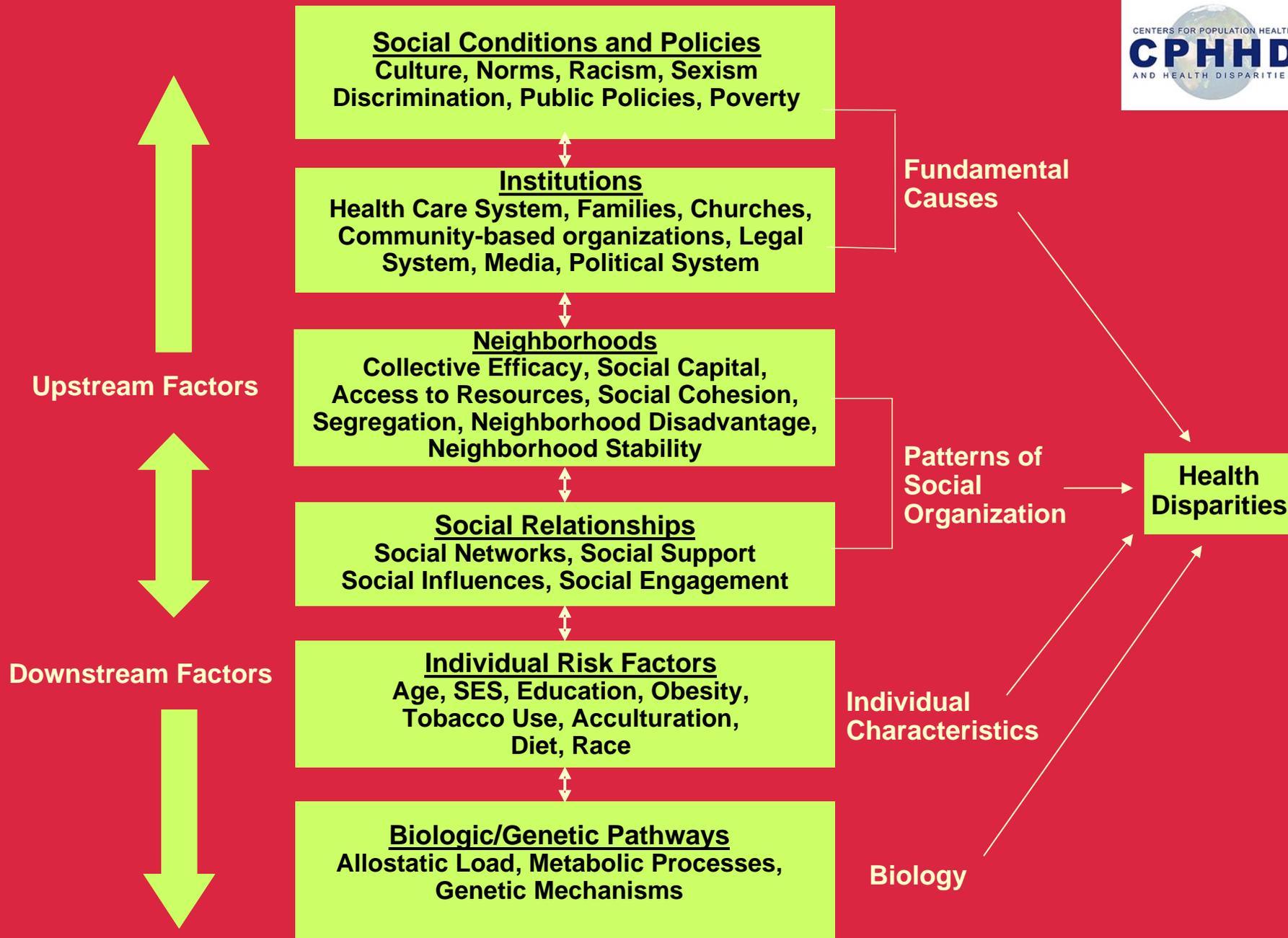
[http://cancercontrol.cancer.gov/
populationhealthcenters/cphhd](http://cancercontrol.cancer.gov/populationhealthcenters/cphhd)

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Health Disparities Research Coordinator
Division of Cancer Control and Population Sciences

October 30, 2006

Partners

- Extramural Partners
 - Scientific
 - Community
- Federal Partners
 - Across Federal Agencies
 - Internal Steering Committee
- Working Groups
 - Extramural and Federal Partners



Principal Investigators and Institutions

- *National Institute on Aging*
 - Katherine Tucker, Tufts University and Northeastern University
- *National Institute of Environmental Health Sciences*
 - John Flack, Wayne State University
 - Nicole Lurie, RAND Corporation
- *National Institute of Environmental Health Sciences & National Cancer Institute*
 - Sarah Gehlert, The University of Chicago and University of Ibadan (Nigeria)

Principal Investigators and Institutions

- *National Cancer Institute*
 - James Goodwin, The University of Texas Medical Branch Galveston
 - Electra Paskett, Ohio State University and University of Michigan
 - Timothy Rebbeck, University of Pennsylvania
 - Richard B. Warnecke, University of Illinois at Chicago

Extramural Partners

- Focus on Scientific Integration Across Multiple Levels
 - Social
 - Behavioral
 - Biological
- Community Based Participatory Research

Partners Across Federal Agencies

- Agencies
 - National Institute on Aging
 - National Institute of Environmental Health Sciences
 - Office of Behavioral and Social Sciences
 - National Cancer Institute
- Initiated in 2003
- 5 year Initiative
- Total \$60.5 million over 5 years

Internal Steering Committee



Areas of Health Disparities Research

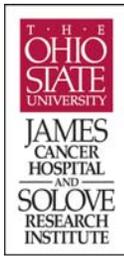
- Access to health care
- Social determinants of health
- Outcomes research
- Quality of life
- Biological mechanisms of psychosocial effects
- Screening
- Environmental exposures

Cross-Center Working Groups

- Steering Committee - John Flack
- Measures and Methods – Chris Masi
- Evaluation – John Holmes
- Program Managers – Benita Weathers
- Community Assessment/Intervention
– Chanita Hughes-Halbert
- Communications/Website – Tony DiNuzzo
- Publications/Policies – Electra Paskett
- Renewal – Timothy Rebbeck

Lessons Learned Still Learning ...

- Structure is important
Fluidity/flexibility is essential
- Listening is key
Dialogue is crucial
- Transdisciplinary is central
Building Teams imperative

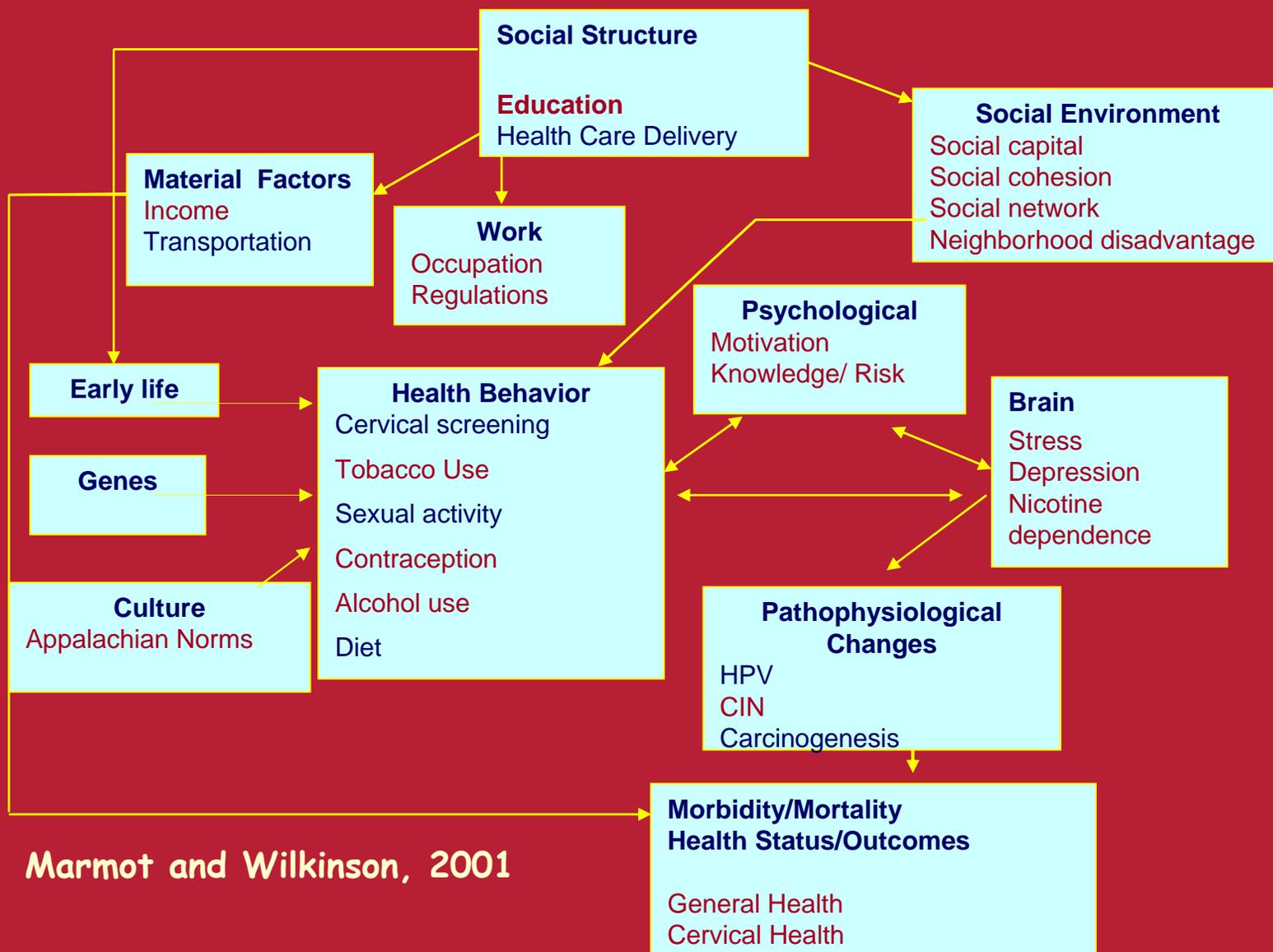


The Ohio State University

Reducing Cervical Cancer In Appalachia

PI: Electra D. Paskett, Ph.D.

Theoretical Framework Social Determinants of Health



Marmot and Wilkinson, 2001

Levels of Assessment and Intervention



- Environmental
Community level: social network, GPS
- Behavioral
Individual level: screening, lifestyle
- Biological
- Cellular level: HPV, Pap tests, bloods, cotinine



The University of Chicago
**Center for Interdisciplinary Health
Disparities Research**

PI: Sarah Gehlert, PhD





Projects



- Project 1: Mammary Cancer Risk: Social Isolation and Hypervigilance – Martha McClintock, PhD
- Project 2: Inactivation of BRCA1 and Breast Cancer Risk in Blacks – Olufunmilayo Olopade, MBBS
- Project 3: Social environment, Stress and Health – Sarah Gehlert, PhD
- Project 4: Social Isolation and Response to Mammary Cancer Therapy – Suzanne Conzen, PhD

Transdisciplinary Research

**Mutually Informative
 Multi-level
 Multi-model**

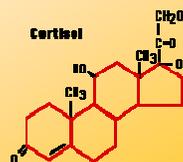
Gehlert Masi Olopade

McClintock Conzen



genes

hormones



psychological state

behavior patterns

social circumstances

(social isolation, social support)

housing

environmental exposure

community/neighborhood

(crime, collective efficacy, social ecology)

