

## BIOGRAPHICAL SKETCH

NAME Chang, Virginia Wei-Wen		POSITION TITLE	
eRA COMMONS USER NAME VWCHANG		Assistant Professor of Medicine	
		Assistant Professor of Sociology	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Michigan, Ann Arbor, MI	BS	1991	Biomedical Sciences, Philosophy
University of Michigan Medical School, Ann Arbor, MI	MD	1994	Medicine
University of Chicago, Chicago, IL	MA	2000	Sociology
University of Chicago, Chicago, IL	PhD	2003	Sociology

### A. POSITIONS AND HONORS

#### Positions and Employment

- 2003- Assistant Professor of Medicine, Division of General Internal Medicine, Department of Medicine, University of Pennsylvania School of Medicine
- 2003- Assistant Professor of Sociology, Department of Sociology, University of Pennsylvania
- 2003- Core Faculty Member, Center for Health Equity Research and Promotion, Veteran Affairs Medical Center
- 2003- Research Associate, Population Studies Center, University of Pennsylvania
- 2003- Senior Fellow, Leonard Davis Institute of Health Economics, University of Pennsylvania
- 1994-1995 Intern, Internal Medicine, University of Chicago, Chicago, IL
- 1995-1997 Resident, Internal Medicine, University of Chicago, Chicago, IL
- 1997-1999 Fellow, Robert Wood Johnson Clinical Scholars Program, University of Chicago, Chicago, IL
- 1999-2000 Fellow, Department of Medicine, University of Chicago, Chicago, IL
- 1999-2001 NRSA Post-Doctoral Fellow, AHRQ, University of Chicago, Chicago, IL

#### Honors and Professional Recognition

- 1986 William J. Branstrom Freshman Prize, University of Michigan
- 1987-1988 James B. Angell Scholar, University of Michigan
- 1999-2002 Board of Governors, Center for Gender Studies, University of Chicago
- 1990 Phi Beta Kappa, University of Michigan
- 1991 Magna Cum Laude, University of Michigan
- 1991 Biomedical Research Program Student Scholarship, University of Michigan Medical School
- 1994 Eli G. Rochelson Memorial Award for Excellence in Pulmonary and Critical Care Medicine, University of Michigan Medical School
- 1997- Diplomate, American Board of Internal Medicine
- 1997-2001 Graduate University, Fellowship, University of Chicago, National Research Service Award, Agency for Healthcare Research and Quality
- 2003 Finalist, Richard Saller Prize for Best Dissertation in the Division of the Social Sciences, University of Chicago
- 2003 Career Development Award, National Institute of Child Health and Human and Development
- 2003 Measy Foundation Award, University of Pennsylvania School of Medicine
- 2003- Faculty Affiliate, Asian American Studies Program, University of Pennsylvania
- 2003- American Sociological Association, Medical Sociology Section
- 2004 Finalist, Milton W. Hamolsky Junior Faculty Award, Society of General Internal Medicine
- 2004- Faculty Associate, Penn Urban Research Institute, University of Pennsylvania
- 2004- Faculty Affiliate, Robert Wood Johnson Health & Societies Scholars Program, University of Pennsylvania
- 2005- Faculty Member, Robert Wood Johnson Clinical Scholars Program, University of Pennsylvania, Race, Gender, and Class Section

2007 Physician Faculty Scholars Award, Robert Wood Johnson Foundation

**SELECTED PEER-REVIEWED PUBLICATIONS (SINCE 1992)**

Chang, Virginia W., Douglas N. Beaman, Roy A. Glover, Gregory P. Graziano, and Edward M. Wojtys. 1992. "Substance P Innervation of the Lumbar Facet Joint." *Orthopaedic Transactions* 16(2):430-431.

Beaman, Douglas N., Gregory P. Graziano, Roy A. Glover, Edward M. Wojtys, and Virginia W. Chang. 1993. "Substance P Innervation of Lumbar Spine Facet Joints." *Spine* 18(8):1044-1049.

Chang, Virginia W. and Nicholas A. Christakis. 2001. "Extent and Determinants of Discrepancy between Self-Evaluations of Weight Status and Clinical Standards." *Journal of General Internal Medicine* 16(8):538-543.

Chang, Virginia W. and Nicholas A. Christakis. 2002. "Medical Modelling of Obesity: A Transition from Action to Experience in a 20th Century American Medical Textbook." *Sociology of Health & Illness* 24(2):151-177.

Iwashyna, Theodore J. and Virginia W. Chang. 2002. "Racial and Ethnic Differences in Place of Death: United States, 1993." *Journal of the American Geriatrics Society* 50(6):1113-1117.

Iwashyna, Theodore J., Virginia W. Chang, James X. Zhang, and Nicholas A. Christakis. 2002. "The Lack of Effect of Market Structure on Hospice Use." *Health Services Research* 37(6):1531-1551.

Chang, Virginia W. and Nicholas A. Christakis. 2003. "Self-Perception of Weight Appropriateness in the United States." *American Journal of Preventive Medicine* 24(4):332-339.

Long, Judith A., Virginia W. Chang, Said A. Ibrahim, and David A. Asch. 2004. "Update on the Health Disparities Literature." *Annals of Internal Medicine* 141(10):805-812.

Chang, Virginia W. and Nicholas A. Christakis. 2005. "Income Inequality and Weight Status in U.S. Metropolitan Areas." *Social Science & Medicine* 61(1):83-96.

Chang, Virginia W. and Diane S. Lauderdale. 2005. "Income Disparities in Body Mass Index and Obesity in the United States, 1971-2002." *Archives of Internal Medicine* 165(18):2122-2128.

Chang, Virginia W. 2006. "Racial Residential Segregation and Weight Status among Us Adults." *Social Science & Medicine* 63(5):1289-1303.

Miech, Richard A., Shiriki K. Kumanyika, Nicolas Stettler, Bruce G. Link, Jo C. Phelan, and Virginia W. Chang. 2006. "Trends in the Association of Poverty with Overweight among Us Adolescents, 1971-2004." *Journal of the American Medical Association* 295(20):2385-2393.

Doshi, Jalpa A., Daniel Polsky, and Virginia W. Chang. 2007. "Prevalence and Trends in Obesity among Aged and Disabled U.S. Medicare Beneficiaries, 1997-2002." *Health Affairs* 26(4):1111-1117.

Alley, Dawn E. and Virginia W. Chang. 2007. "The Changing Relationship of Obesity and Disability, 1988-2004." *Journal of the American Medical Association* 298(17):2020-2027.

**C. RESEARCH SUPPORT**

**Ongoing Research Support**

NICHD	K12-HD-043459 (Freeman)	2/1/2003–1/31/2008	Scholar
Building Interdisciplinary Research Careers in Women's Health Career Development Award			

NCI	P50-CA-105641 (Armstrong)	4/1/2003-3/31/2008
Co-Investigator		

Segregation and Racial Disparities in Prostate Cancer

In this project, we will extend current theories of the relationship between segregation and health by examining a novel behavioral pathway by which segregation may lead to poor health outcomes among African-Americans - the use of low quality health care providers and facilities.

VA HSR&D	IIR-06-196 (Chang)	6/1/2007–5/31/2010	PI
Influence of Obesity on Veterans' Quality of Care			

Though the prevention of obesity is a nation-wide public health priority, the vast majority of patients in the VA Healthcare System are already overweight or obese, so it is equally (if not more) vital to ensure that these patients are receiving equitable and effective treatment.

NHLBI R01-HL-086830 (Chang) 6/1/2007–5/31/2011 PI  
 Dynamic Relationship of BMI and SES over the Life Cycle and Between Generations  
 This project integrates nationally representative longitudinal data to investigate both processes in dynamic perspective: how SES affects weight status *and* how weight status affects SES.

RWJ Foundation (Chang) 7/1/2007–6/30/2010 PI  
 Physician Faculty Scholars Program  
 Weight Status and Quality of Care among Older U.S. Adults

RWJ Foundation (Alley) 9/1/2007–8/31/2008 Co-PI  
 Health & Societies Scholars Program, University of Pennsylvania  
 Predictors and Outcomes Associated with Changes in Weight over the Lifecourse

**Completed Research Support**

UPENN Pilot Grant P30-AG012836 (Soldo) 7/01/2005-6/30/2006 Pilot PI  
 NICHD-PSC, PARC, Boettner Center  
 Bodily Capital and Socioeconomic Mobility.

RWJ Foundation (Chang) 10/15/2004-10/14/2006 PI  
 The Influence of Neighborhood Disorder and Crime on Physical Activity

Measy Foundation (Chang) 11/1/2003-6/30/2006 PI  
 The Relationship of Neighborhood Factors to Obesity and Weight-Related Behaviors

Research Foundation (Chang) 7/1/2005-6/30/2006 PI  
 University of Pennsylvania  
 Prevalence and Surgical Treatment of Severe Obesity in the U.S. Medicare Elderly Population

Pilot Award (Chang) 1/1/2004-12/31/2004 PI  
 Center for Health Equity Research and Promotion  
 Philadelphia Veteran Affairs Medical Center  
 This study investigates the influence of residential segregation on obesity.

Penn-Cheney (Chang) 1/1/2004-12/31/2004 PI  
 EXPORT Center  
 University of Pennsylvania  
 Pilot Award  
 This study investigates the influence of neighborhood social context on racial discrepancies in weight status.