

BIOGRAPHICAL SKETCH

NAME Armstrong, Katrina		POSITION TITLE Associate Professor of Medicine	
eRA COMMONS USER NAME (credential, e.g., agency login) karmstrong		Associate Professor of Epidemiology	
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
Yale University, New Haven, CT	AB	1986	Architecture
Johns Hopkins University, Baltimore, MD	MD	1991	Medicine
University of Pennsylvania, Philadelphia, PA	MSCE	1998	Epidemiology

A. Positions and Honors

- 1998 Instructor A in Medicine, Department of Medicine, University of Pennsylvania School of Medicine
- 1998-2005 Assistant Professor of Medicine, University of Pennsylvania School of Medicine
- 1998-2005 Assistant Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine
- 1998- Attending, University of Pennsylvania Medical Center, Philadelphia, PA
- 1998- Senior Scholar, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine
- 1998- Member, Cancer Center, University of Pennsylvania School of Medicine
- 1998- Senior Fellow, Leonard Davis Institute of Health Economics, University of Pennsylvania
- 1998- Member, Biomedical Graduate Studies (BGS), University of Pennsylvania School of Medicine
- 2003- Associate Director, Cancer Control and Outcomes Program, Abramson Cancer Center, University of Pennsylvania School of Medicine
- 2004- Director of Research, Leonard Davis Institute of Health Economics, University of Pennsylvania
- 2005- Associate Professor of Medicine (with tenure), University of Pennsylvania School of Medicine
- 2005- Associate Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine
- 2006 Co-Director, Robert Wood Johnson Clinical Scholars Program
- 2004 Outstanding Lecturer Award, Medical School Class of 2004, University of Pennsylvania SoM
- 2004 Leonard Berwick Memorial Teaching Award, University of Pennsylvania School of Medicine
- 2004 Outstanding Junior Investigator of the Year, Society of General Internal Medicine
- 2004 AAMC Women in Medicine Leadership Development Program Award for outstanding contributions to develop women leaders in academic medicine (to FOCUS on the Health and Leadership of Women)
- 2004 Robert Austrian Faculty Award for Evaluative Research, given to one person each year by the Department of Medicine
- 2005 Alice S. Hersh New Investigator Award, Academy Health (the leading national organization for health services research)

B. Selected peer-reviewed publications (in chronological order). Only publications relevant to demography and economics of aging are listed from a total of 115.

Armstrong, K.A., J.S. Schwartz, T.C. Randall, S.C. Rubin, and B.L. Weber. 2004. "Hormone Replacement Therapy and Life Expectancy After Prophylactic Oophorectomy in Women With BRCA1/2 Mutations: A Decision Analysis." *Journal of Clinical Oncology* 22(6):1045-1054.

- Armstrong, K.A., J.A. Long, and J.A. Shea. 2004. "Measuring adherence to mammography screening recommendations among low-income women." *Preventive Medicine* 38(6):754-760.
- Rose, A.L., N. Peters, J.A. Shea, and K.A. Armstrong. 2005. "The Association Between Knowledge and Attitudes About Genetic Testing for Cancer Risk in the United States." *Journal of Health Communication* 10(4):309 - 321.
- . 2005. "Attitudes and Misconceptions about Predictive Genetic Testing for Cancer Risk." *Community Genetics* 8(3):145-151.
- Armstrong, K.A., B.L. Weber, and P.A. Ubel. 2005. "Framing Health Outcome Information and Clinical Decision Making." *Cancer Epidemiology Biomarkers and Prevention* 14(11):2805S-2806S.
- Armstrong, K.A., B.L. Weber, P.A. Ubel, N. Peters, J.H. Holmes, and J.S. Schwartz. 2005. "Individualized Survival Curves Improve Satisfaction With Cancer Risk Management Decisions in Women With BRCA1/2 Mutations." *Journal of Clinical Oncology* 23(36):9319-9328.
- Peters, N. and K.A. Armstrong. 2005. "Racial Differences in Prostate Cancer Treatment Outcomes: A Systematic Review." *Cancer Nursing* 28(2):108-118.
- Armstrong, K.A., E. Micco, A. Carney, J.E. Stopfer, and M. Putt. 2005. "Racial Differences in the Use of BRCA1/2 Testing Among Women With a Family History of Breast or Ovarian Cancer." *Journal of the American Medical Association* 293(14):1729-1736.
- Elmore, J.G., K.A. Armstrong, C.D. Lehman, and S.W. Fletcher. 2005. "Screening for Breast Cancer." *Journal of the American Medical Association* 293(10):1245-1256.
- Armstrong, K.A., A.L. Rose, N. Peters, J.A. Long, S. McMurphy, and J.A. Shea. 2006. "Distrust of the Health Care System and Self-Reported Health in the United States." *Journal of General Internal Medicine* 21(4):292-297. PMID: PMC1484714
- Armstrong, K.A., C.H. Halbert, and D.A. Asch. 2006. "Patient Preferences Can Be Misleading as Explanations for Racial Disparities in Health Care." *Archives of Internal Medicine* 166(9):950-954.
- Armstrong, K.A., D.A. Quistberg, E. Micco, S.M. Domchek, and C.E. Guerra. 2006. "Prescription of tamoxifen for breast cancer prevention by primary care physicians." *Archives of Internal Medicine* 166(20):2260-2265.
- Abraham, N., F. Wan, C.M. Montagnet, and K.A. Armstrong. 2006. "Racial Differences in Evaluation of Prostate Cancer." *Journal of Urology* 175(4):68-69.
- Halbert, C.H., K.A. Armstrong, O.H. Gandy, Jr., and L. Shaker. 2006. "Racial Differences in Trust in Health Care Providers." *Archives of Internal Medicine* 166(8):896-901.
- Long, J.A., K.A. Armstrong, V.W. Chang, Z. Chen, and J.P. Metlay. 2006. "Social Capital, Race, and Glucose Control." *Journal of General Internal Medicine* 21(Suppl4):131.
- Wong, Y.N., N. Mitra, G. Hudes, A.R. Localio, J.S. Schwartz, F. Wan, C.M. Montagnet, and K.A. Armstrong. 2006. "Survival associated with treatment vs. observation of localized prostate cancer in elderly men." *Journal of the American Medical Association* 296(22):2683-2693.
- Halbert, C.H., K.A. Armstrong, J.H. Holmes, D. Fenstermacher, J. Weiner, and C.E. Guerra. 2006. "Transdisciplinary Approaches to Ameliorating Racial Disparities in Prostate Cancer Outcomes." *Journal of Health Disparities Research and Practice* 1:19-46.
- Wong, Y.N., F. Wan, N. Mitra, and K.A. Armstrong. 2006. "Treatment of Localized Prostate Cancer: A Survival Analysis Using Seer-Medicare Data." *Journal of Urology* 175(4):212.
- Gurmankin Levy, A.D., E. Micco, M. Putt, and K.A. Armstrong. 2006. "Value for the Future and Breast Cancer-Preventive Health Behavior." *Cancer Epidemiology Biomarkers and Prevention* 15(5):955-960.
- Polsky, D., K.A. Armstrong, T.C. Randall, R.N. Ross, O. Even-Shoshan, P.R. Rosenbaum, and J.H. Silber. 2006. "Variation in chemotherapy utilization in ovarian cancer: the relative contribution of geography." *Health Services Research* 41(6):2201-2218. PMID: PMC1955308

- Asch, D.A. and K.A. Armstrong. 2007. "Aggregating and partitioning populations in health care disparities research: differences in perspective." *Journal of Clinical Oncology* 25(15):2117-2121.
- Abraham, N., F. Wan, C.M. Montagnet, Y.N. Wong, and K.A. Armstrong. 2007. "Decrease in racial disparities in the staging evaluation for prostate cancer after publication of staging guidelines." *Journal of Urology* 178(1):82-87; discussion 87.
- Silber, J.H., P.R. Rosenbaum, D. Polsky, R.N. Ross, O. Even-Shoshan, J.S. Schwartz, K.A. Armstrong, and T.C. Randall. 2007. "Does Ovarian Cancer Treatment and Survival Differ by the Specialty Providing Chemotherapy?" *Journal of Clinical Oncology* 25(10):1169-1175.
- Armstrong, K.A., K.L. Ravenell, S. McMurphy, and M. Putt. 2007. "Racial/Ethnic Differences in Physician Distrust in the United States." *American Journal of Public Health* 97(7):1283-1289.
- Mao, J.J., K.A. Armstrong, M.A. Bowman, S.X. Xie, R. Kadakia, and J.T. Farrar. 2007. "Symptom Burden Among Cancer Survivors: Impact of Age and Comorbidity." *Journal of the American Board of Family Medicine* 20(5):434-443.
- Daniel, S., K.A. Armstrong, J.H. Silber, and P.R. Rosenbaum. 2008. "An Algorithm for Optimal Tapered Matching with Application to Disparities in Survival." *Journal of Computational Statistics*. Forthcoming.
- Nguyễn, G.T., F.K. Barg, K.A. Armstrong, J.H. Holmes, and R.C. Hornik. 2008. "Cancer and communication in the health care setting: experiences of older Vietnamese immigrants, a qualitative study." *Journal of General Internal Medicine* 23(1):45-50.
- Shea, J.A., E. Micco, L.T. Dean, S. McMurphy, J.S. Schwartz, and K.A. Armstrong. 2008. "Development of a revised Health Care System Distrust scale." *Journal of General Internal Medicine* 23(6):727-732.
- Armstrong, K.A., S. McMurphy, L.T. Dean, E. Micco, M. Putt, C.H. Halbert, J.S. Schwartz, P. Sankar, R.E. Pyeritz, B. Bernhardt, and J.A. Shea. 2008. "Differences in the patterns of health care system distrust between blacks and whites." *Journal of General Internal Medicine* 23(6):827-833.
- Pollack, C., P. Groeneveld, C.M. Montagnet, M. Putt, K. Liao, and K.A. Armstrong. 2008. "Does Hospital Racial Composition Affect the Treatment Men Receive for Localized Prostate Cancer?" *Journal of General Internal Medicine*. Forthcoming.
- Bolton, L.E., A. Reed Li, K.G. Volpp, and K.A. Armstrong. 2008. "How Does Drug and Supplement Marketing Affect a Healthy Lifestyle?" *Journal of Consumer Research* 34(5):713-726.
- Tjia, J., E. Micco, and K.A. Armstrong. 2008. "Interest in Breast Cancer Chemoprevention among Older Women." *Breast Cancer Research and Treatment* 108(3):435-453.
- Pagán, J.A., D.A. Asch, C.J. Brown, C.E. Guerra, and K.A. Armstrong. 2008. "Lack of Community Insurance and Mammography Screening Rates Among Insured and Uninsured Women." *Journal of Clinical Oncology* 26(11):1865-1870.
- Hutchinson, R.N., M. Putt, C.M. Montagnet, L.T. Dean, and K.A. Armstrong. 2008. "Neighborhood Racial Composition, Social Capital and Black All-Cause Mortality in Philadelphia." *Social Science and Medicine*. Forthcoming.
- Ra, J., E.C. Paulson, J. Kucharczuk, K.A. Armstrong, C. Wirtalla, R.R. Kelz, L.R. Kaiser, and F.R. Spitz. 2008. "Postoperative mortality after esophagectomy for cancer: development of a preoperative risk prediction model." *Annals of Surgical Oncology* 15(6):1577-1584.
- Paulson, E.C., J. Ra, C. Wirtalla, K.A. Armstrong, J. Kucharczuk, R.R. Kelz, and F.R. Spitz. 2008. "Postoperative Mortality Following Esophagectomy for Cancer: Development of a Risk Prediction Model Utilizing the Seer-Medicare Database." *Annals of Surgical Oncology* 15(Suppl2):53.

C. Research Support.

Ongoing Research Support

NHGRI P50-HG-00487 (Pyeritz)

9/2007-9/2012

Penn Center for ELSI Research in Emerging Genetic Technologies in Health Care

Role: Core Leader and Co-Investigator

Robert Wood Johnson Foundation (Metlay) 7/2007-7/2009
Clinical Scholars Program
Role: Site PI

Department of Defense (Pagan) 5/2006-4/2011
Barriers to Breast Cancer Screening among Latinas in the US-Mexico Border Region
Role: Co Investigator

NCI CA-100254-01 (Halbert) 3/2005-2/2010
Multi-Dimensional Cultural Values
Role: Co Investigator

NCI P50-ES-012371 (Rebbeck) 8/1/2003-7/30/2009
Segregation and Racial Disparities in Prostate Cancer
Role: Site PI

NCI P50-CA-095856-05 (Hornik) 12/1999-11/2010
Effects of Public Information in Cancer
Role: Co Investigator

NCI P30-CA-016520-33S1 (Thompson) 7/1/2003-6/30/2009
Cancer Center Core Grant
Role: Program Leader

NIA P30-AG-012836 (Soldo) 2/1/1999-6/30/2009
Center on the Demography of Aging
Role: Research Associate

NICHD R24-HD-044964 (Smith) 7/1/1986-6/30/2013
Population Research Center Grant
Role: Program Associate
Completed Research Support
American Cancer Society PBP-104351 (Armstrong) 7/1/2003-6/30/2008
Distrust as a Barrier to Cancer Screening and Prevention
Role: PI

NCI P50-CA-10564 (Armstrong) 4/1/2003-3/31/2008
Segregation and Racial Disparities in Prostate Cancer
Role: PI

NCI P50-ES-012371 (Rebbeck) 8/1/2003-7/30/2008
Segregation and Racial Disparities in Prostate Cancer
Role: Project PI
Overlap: None