

# JUSTIN S. WHITE

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## EDUCATION

Ph.D. University of California, Berkeley, Health Policy (Economics track), 2013  
“A team-based behavioral economics experiment on smoking cessation”  
William H. Dow (chair), Stefano DellaVigna, David I. Levine

M.A. University of California, Berkeley, Economics (concurrent), 2009

M.S.P.H. University of North Carolina, Chapel Hill, Health Policy, 2007

B.A. Bucknell University, Chemistry, *cum laude*, 2002

## ACADEMIC POSITIONS

2015- Assistant Professor of Health Economics, UCSF

2013-15 Postdoctoral Fellow, Stanford Prevention Research Center, Stanford University

## RESEARCH AREAS

Primary: Health Economics, Global Health Policy

Secondary: Behavioral Economics, Applied Econometrics, Impact Evaluation

## PROFESSIONAL AFFILIATIONS

2019- Center on the Economics and Demography of Aging, UC Berkeley

2017- Helen Diller Family Comprehensive Cancer Center, UCSF

2017- Ph.D. Program in Health Policy, UC Berkeley

2016- Social and Population Health Sciences Research Consortium, UCSF

2015- Philip R. Lee Institute for Health Policy Studies, UCSF

2015- Department of Epidemiology and Biostatistics, UCSF

2015- Center for Tobacco Control Research and Education, UCSF

2015- Institute for Global Health Sciences, UCSF

2015- Global Health Economics Consortium, UCSF

2015-17 Statens Serum Institut, Denmark

2013- Tobacconomics, University of Illinois at Chicago

## AWARDS AND FELLOWSHIPS

2018 UCSF Hellman Fellowship for outstanding junior faculty

2015 American Heart Association Postdoctoral Fellowship

2013-15 NIH/NHLBI Postdoctoral Training Fellowship, Stanford University

2009-12 NIH/NIA Predoctoral Training Fellowship, UC Berkeley

2012 Outstanding Graduate Student Instructor Award, UC Berkeley

2011 Center for Global Public Health Fellowship, UC Berkeley

2010 Tobacco-Related Disparities Scholarship, SRNT

2007-09 Berkeley Fellowship for Graduate Study, UC Berkeley

2009	Student Scholarship, International Health Economics Association
2007	Jean G. Yates Health Policy Award, UNC Chapel Hill
2007	U.S. Public Health Traineeship, Human Resources & Services Administration
2005-06	Graduate School Merit Assistantship, UNC Chapel Hill
2006	Population Fellows Graduate Applied Project Grant, University of Michigan
2006	International Internship Award, UNC Chapel Hill

## WORKS IN PROGRESS

- “Incentive-based interventions for smoking cessation: A cluster randomized trial in workplaces in Thailand” (with Christopher Lowenstein, Nucharee Srivirojana, Aree Jampaklay, William H. Dow). Under review.
- “Estimating biases in smoking cessation: Evidence from a field experiment” (with Matthew R. Levy, Frank J. Chaloupka). In preparation.
- “Commitment contracts and school competition for smoking prevention in Indonesia: A randomized field experiment” (with Margaret Triyana). Working paper, December 2018.
- “Time preferences and time discounting among current, never, and former smokers” (with Kai-Wen Cheng, Matthew R. Levy, Jidong Huang, Ce Shang, Scott R. Weaver, Frank J. Chaloupka). Under review.
- “ENDS product preferences among adult smokers: A discrete choice experiment” (with Ce Shang, Scott R. Weaver, Jidong Huang, James Nonnemaker, Kai-Wen Cheng, Frank J. Chaloupka). Under review.
- “Can incentive-compatibility reduce hypothetical bias in smokers’ experimental choice behavior? A randomized discrete choice experiment” (with John Buckell, Ce Shang). Under review.
- “Influence of monetary incentives on oral disease management in young children: A randomized pilot trial” (with Francisco Ramos-Gomez, Jenny X. Liu, Bonnie Jue, Tracy L. Finlayson, Jeremiah R. Garza, Alexandra Hollihan, Sarit Helman, William Santo, James G. Kahn, Stuart A. Gansky). In preparation.
- “The effects of neighborhood deprivation on cardiovascular disease among refugees: Results from a natural experiment in Denmark” (with Rita Hamad, Buket Öztürk, Lars H. Pedersen, Henrik T. Sørensen). In preparation.
- “Association of neighborhood deprivation and mental health among refugees and non-refugee immigrants to Sweden” (with Eva Raphael, Xinjun Li, Klas Cederin, M. Maria Glymour, Jan Sundquist, Kristina Sundquist, Rita Hamad). Under review.
- “Effects of paid family leave on child and parent mental health” (with Rita Hamad, Amanda Irish, Sepideh Modrek). In preparation.

## PEER-REVIEWED PUBLICATIONS

1. **White JS**, Toussaert S, Thrul J, Bontemps-Jones J, Abroms L, Westmaas JL. “Peer mentoring and automated text messaging for smoking cessation: A randomized pilot trial.” *Nicotine & Tobacco Research*. Published online ahead of print.

2. Basu S, Gardner CD, **White JS**, Rigdon J, Carroll MM, Akers M, Seligman HK. “Effects of alternative food voucher delivery strategies on nutrition among low-income adults: A randomized community-based trial.” *Health Affairs* 38(4): 577–584.
3. Hamad R, Modrek S, **White JS**. “Paid family leave effects on breastfeeding: A quasi-experimental study of U.S. policies.” *American Journal of Public Health* 109(1): 164–166, 2019.
4. **White JS**. “Monetary incentives for smoking cessation in workplaces.” *The Lancet Public Health* 3(11): e511–e512, 2018.
5. Modrek S, Basu S, Harding M, **White JS**, Bartick M, Rodriguez E, Rosenberg KD. “Does breastfeeding duration decrease child obesity? An instrumental variables analysis of births in Oregon.” *Pediatric Obesity* 12(4): 304–311, 2017.
6. **White JS**. “Incentives in workplace wellness programmes.” *The Lancet Diabetes & Endocrinology* 4(12): 967–969, 2016.
7. **White JS**, Hamad R, Xinjun L, Basu S, Ohlsson H, Sundquist J, Sundquist K. “Long-term effects of neighbourhood deprivation on diabetes risk: Quasi-experimental evidence from a refugee dispersal policy in Sweden.” *The Lancet Diabetes & Endocrinology* 4(6): 517–524, 2016.
8. **White JS**, Basu S. “Does the benefits schedule of cash assistance programs affect the purchase of temptation goods? Evidence from Peru.” *Journal of Health Economics* 46: 70–89, 2016.
9. Basu S, Hamad R, **White JS**, Modrek S, Rehkopf D, Cullen MR. “The EARN-Health Trial: Protocol for a randomized controlled trial to identify health effects of an incentivized financial savings program among low-income U.S. adults.” *BMJ Open* 5(10): e009366, 2015.
10. Li J, **White JS**, Hu T, Fong GT, Jiang Y. “The heterogeneous effects of cigarette prices on brand choice in China: Implications for tobacco control policy.” *Tobacco Control* 24(Supp 3): iii25–iii32, 2015.  
Republished in *Economics of Tobacco Control in China: From Policy Research to Practice*, edited by Hu T, London, UK: World Scientific Publishing, 2016.
11. **White JS**, Ross H. “Smokers’ strategic responses to sin taxes: Evidence from panel data in Thailand.” *Health Economics* 24(2): 127–141, 2015.
12. **White JS**, Li J, Hu T, Fong GT, Jiang Y. “Effect of cigarette prices on brand-switching in China.” *Tobacco Control* 23(Supp 1): i54–i60, 2014.  
Republished in *Economics of Tobacco Control in China: From Policy Research to Practice*, edited by Hu T, London, UK: World Scientific Publishing, 2016.
13. **White JS**, Dow WH, Rungruanghiranya S. “Commitment contracts and team incentives: A randomized controlled trial for smoking cessation in Thailand.” *American Journal of Preventive Medicine* 45(5): 533–542, 2013. (Lead article)

14. Speizer IS, **White JS**. “The unintended consequences of intended pregnancies: Youth, condom use, and HIV transmission in Mozambique.” *AIDS Education and Prevention* 20(6): 531–546, 2008.
15. Barden-O’Fallon J, Speizer IS, **White JS**. “Association between contraceptive discontinuation and pregnancy intentions in Guatemala.” *Pan-American Journal of Public Health* 23(6): 410–417, 2008.
16. **White JS**, Speizer IS. “Can family planning outreach bridge the urban-rural divide in Zambia?” *BMC Health Services Research* 7(143): 1–9, 2007.
17. Mays G, Claxton G, **White J**. “Managed care rebound? Recent changes in health plans’ cost containment strategies.” *Health Affairs* 24(W4): 427–436, 2004.
18. Hurley R, Strunk B, **White JS**. “The puzzling popularity of the PPO.” *Health Affairs* 23(2): 56–68, 2004.

## BOOK CHAPTERS

- Dow WH, **White JS**, Bertozzi SM. “Incentivizing health care utilization and health outcomes” In Handbook of Global Health Economics and Public Policy, Volume 1, edited by R. Scheffler. London, UK: World Scientific Publishing, 2016.
- White JS**, Dow WH. “Intertemporal choices for health.” In Behavioral Economics and Public Health, edited by C.A. Roberto and I. Kawachi. Boston, MA: Oxford University Press, 2015.
- Gold M, **White JS**, Taylor E. “The Medicaid Managed Care Program.” In To Improve Health and Health Care, Volume IX: the Robert Wood Johnson Foundation Anthology, edited by S. Isaacs and J. Knickman. San Francisco, CA: Jossey-Bass, 2005.

## MONOGRAPHS AND REPORTS

- Dow WH, **White JS**. “Incentivizing use of health care.” United Nations Population Division. Expert Paper No. 2013/13, 2013.
- White JS**. “A team-based behavioral economics experiment on smoking cessation.” Ph.D. Dissertation, UC Berkeley, 2013. Principal advisor: William H. Dow.
- White JS**. “Early effects of poverty reduction strategies on health spending and service delivery.” Master’s Thesis, UNC Chapel Hill, 2007. Principal advisor: Sally C. Stearns.
- White JS**, Black W, Ireys H. “Explaining enrollment trends and participant characteristics of the Medicaid Buy-In Program, 2002-2003.” Mathematica Policy Research (MPR), 2005.
- White JS**, Hurley R, Strunk B. “Getting along or going along: Health plan-provider contract showdowns subside.” Issue brief. Center for Studying Health System Change (HSC), 2004.
- Gold M, Taylor E, Krissik T, Mittler J, **White J**. “Evaluation of the Medicaid Managed Care Program of the Center for Health Care Strategies: Overview of results.” MPR, 2004.
- White JS**, Draper D. “Review of the literature on administration and policy development for Medicaid mental health and substance abuse services.” MPR, 2004.

- Liu S, Ireys H, **White JS**, Black W. “Enrollment patterns and medical expenditures for Medicaid Buy-In participants in five states.” MPR, 2004.
- Hoadley JF, Draper DA, Kuo S, Cunningham PJ, Mittler J, Nichols LM, Bazzoli GJ, **White J**. “Health care market stabilizes, but rising costs and state budget woes loom in Boston.” Community Tracking Study, 2003.
- Ireys HT, Thornton C, **White JS**. “The Medicaid Buy-In Program: Quantitative measures of enrollment trends and participant characteristics in 2002.” MPR, 2003.

## RESEARCH GRANTS

### CURRENT

- 2013-19 *Smoking cessation contracts with social and monetary incentives*  
NIH R01 DA035384, Co-I (PI: Dow), \$1,857,704
- 2016-19 *Designing food voucher programs to reduce disparities in healthy diets*  
NIH R01 HL132814, Co-I (PI: Basu), \$3,438,097
- 2017-20 *Influence of financial incentives on oral disease management in young children*  
NIH UH3 DE025514, Co-I (PI: Gansky), \$3,599,995
- 2018-20 *Testing combinations of population interventions to encourage healthy eating*  
The California Endowment, Co-I (PI: Schillinger), \$499,896
- 2018-23 *Testing combinations of population interventions to encourage healthy eating*  
NIH R01 DK116852, Co-I (PI: Basu), \$3,434,770
- 2018-19 *Work-Family Supports and Research Hub*  
RWJF, Co-I (PI: Dow), \$900,000
- 2018-20 *HDFCCC Tobacco Treatment Program*  
NIH P30 CA082103-19S2, Co-I (PI: Ashworth), \$311,650
- 2019-23 *Using a natural experiment to evaluate the long-term effects of neighborhood deprivation on Alzheimer’s disease and vascular risk factors*  
NIH R01 AG063385-01A1, Co-I (PI: Hamad), \$2,674,194

### PAST

- 2017-18 *Commitment contracts and school competition for smoking prevention in Indonesia*  
UCSF Resource Allocation Program, PI (PI: White), \$48,000
- 2013-18 *Enhancing the economic impact analysis used in FDA’s rules for tobacco products*  
NIH P50 DA036128, Co-I (PD: Chaloupka), \$2,857,926
- 2015-17 *Evaluation of a school-based smoking prevention program in Indonesia*  
J-PAL, Co-PI (PI: Triyana), \$29,938
- 2015-17 *Influence of financial incentives on oral disease management in young children*  
NIH UH2 DE025514, Co-I (PI: Gansky, Kahn, Ramos-Gomez), \$1,272,155

- 2016-17 *The EARN-Health Trial: Intervening on economic determinants of health*  
RWJF, Co-I (PI: Basu), \$97,300
- 2015 *The long-term effects of neighborhoods on health outcomes and behaviors: A quasi-experimental study*  
NIH UL1 TR001085 via Stanford Spectrum, PI, \$37,000
- 2015 *The EARN trial: Improving social determinants of health through a community-based savings and debt-reduction program*  
NIH UL1 TR001085 via Stanford Spectrum, Co-I (PI: Basu), \$30,900
- 2013-15 *Impact of SMS reminders on pension savings*  
Center for Effective Global Action, Co-I (PI: Njuguna), \$25,000
- 2010-13 *Using group commitment to promote smoking cessation in Thailand*  
NIH P30 AG012839 via UC Berkeley CEDA, Co-I (PD: Dow), \$27,451
- 2010-11 *Using group commitment to promote smoking cessation in Thailand*  
NIH R21 HD056581 via Berkeley Population Center, Co-I (PD: Dow), \$10,000

#### INVITED PRESENTATIONS

- 2019 Economic Science Association World Meeting (Vancouver, Canada, *upcoming*)
- 2018 UC Berkeley Health Services Colloquium (Berkeley, CA)  
American Society of Health Economists Annual Conference (Atlanta, GA)
- 2017 Annual Global Health Economics Colloquium (San Francisco, CA),  
IHEA World Congress on Health Economics (Boston, MA)
- 2016 Behavioral Economics and Health Symposium (Philadelphia, PA)
- 2014 American Society of Health Economists Biennial Conference (Los Angeles, CA),  
Behavioral Economics and Health Symposium (Philadelphia, PA)
- 2013 Pacific Conference for Development Economics (San Francisco, CA), UC Berkeley  
Psychology and Economics Non-Lunch Seminar (Berkeley, CA)
- 2012 Annual Health Economics Conference (Stanford, CA), American Society of Health  
Economists Biennial Conference (Minneapolis, MN), 15th World Conference on  
Tobacco or Health (Singapore), Workshop on the Economics of Tobacco Control  
in Africa (Singapore), UC Berkeley Demography Brown Bag (Berkeley, CA),  
Population Association of America Annual Meeting (San Francisco, CA),  
American Public Health Association Annual Meeting (San Francisco, CA),  
Behavior Change Research Network Conference (Berkeley, CA)
- 2011 Mahidol University Institute for Population and Social Research (Salaya, Thailand),  
Chulalongkorn University College of Public Health Sciences (Bangkok, Thailand),  
Thai Health Professional Alliance Against Tobacco Conference (Bangkok, Thailand)

- 2010 UC Berkeley Development Lunch (Berkeley, CA), Annual Meeting of Society for Research on Nicotine and Tobacco (SRNT) (Baltimore, MD), UC Berkeley School of Public Health Conference (Berkeley, CA)
- 2009 IHEA World Congress on Health Economics (Beijing, China), Joint Conference of SRNT and SRNT-Europe (Dublin, Ireland)
- 2008 Society of Adolescent Medicine Annual Meeting (Greensboro, NC)
- 2006 Southern Demographic Association Annual Meeting (Durham, NC)

## RESEARCH EXPERIENCE

- 2013 Research Consultant, Public Health Institute, NIH/Fogarty grant, “Tobacco Control Policy Analysis & Intervention Evaluation in China & Indonesia”
- 2008-11 Technical Consultant, Southeast Asia Tobacco Control Alliance, NIH/Fogarty grant, “The Political Economy of Tobacco Control in Southeast Asia”
- 2008 Research Intern, International Tobacco Control Research Unit, American Cancer Society
- 2006-07 Graduate Research Assistant, MEASURE Evaluation Project, Carolina Population Center, UNC Chapel Hill
- 2006 Monitoring & Evaluation Specialist, Twubakane Health & Decentralization Program, IntraHealth International, Kigali, Rwanda
- 2003-04 Team Assistant, Center for Studying Health System Change
- 2002-05 Research Assistant/Programmer (2002-04), Research Analyst (2004-05), Mathematica Policy Research

## TEACHING EXPERIENCE

### COURSES

- 2019- Global Health Economics Doctoral Seminar (graduate), Co-Instructor, UCSF
- 2018- Global Health Economics (master’s), Co-Instructor, UCSF
- 2017- Econometric Methods for Causal Inference (graduate), Instructor, UCSF
- 2016 Quantitative Methods for Evaluating Policy Impacts (graduate), Instructor, UCSF
- 2015-16 Doctoral Seminar in Epidemiology & Translational Science, Co-Instructor, UCSF
- 2013 Applied Econometrics (graduate), Graduate Student Instructor (GSI), UC Berkeley
- 2012 Intervention Trial Design (graduate), GSI, UC Berkeley
- 2011 Microeconomics of Health Care Policy (graduate), GSI, UC Berkeley
- 2009-12 Economic Demography (undergrad), GSI (2010), Grader (2009, 2012), UC Berkeley
- 2008 Health Economics (graduate), GSI, UC Berkeley

### GUEST LECTURES

- 2018 “Decisions over Time” (graduate), UC Berkeley
- 2017-18 “The Economics of Tobacco Control” (graduate), UCSF

- 2016 “Applying Behavioral Economics to Health Policy” (fellows), UCSF
- 2016 “Leveraging Incentives for Tobacco Control: Challenges and Opportunities” (postdocs), UCSF
- 2016-18 “An Introduction to Behavioral Economics” (graduate), UCSF
- 2015 “Using Behavioral Economics to Promote Healthy Behavior” (postdocs), UCSF
- 2015 “Incentives for Healthy Behavior: Do They Work?” (faculty), UCSF
- 2015 “Behavioral Economics and Global Tobacco Control” (visiting scholars), UCSF
- 2014 “Behavioral Economic Insights for Global Health” (graduate), Touro University
- 2012 “Cost-Effectiveness Analysis” (visiting scholars), UCSF/UC Berkeley
- 2011 “Behavioral Economics and Health” (graduate), UC Berkeley
- 2008 “Risk Selection in Health Care” (2-lecture series, graduate), UC Berkeley

## REFEREE SERVICE

### AD HOC REFEREE

American Journal of Drug & Alcohol Abuse, American Journal of Public Health, American Journal of Preventive Medicine, BMC Health Services Research, BMC Medicine, BMJ Open, Cochrane Systematic Reviews, Health Affairs, Health Economics, Health Education & Behavior, International Journal for Equity in Health, Journal of General Internal Medicine, Journal of Human Capital, Journal of Psychoactive Drugs, The Lancet Public Health, Medical Care, Nicotine & Tobacco Research, Pediatric Obesity, Preventing Chronic Disease, Tobacco Control

### GRANT AND CONFERENCE REVIEWER

- 2018- American Society of Health Economists conference abstracts
- 2018 International Development Research Centre (Canada) and Cancer Center UK grant reviewer
- 2017 Medical Research Council (UK) grant reviewer
- 2016 National Institutes of Health conference abstracts

## SERVICE

- 2019 Evaluator, Equity of RAP grant awards, UCSF
- 2018- Executive Committee, PhD in Global Health Sciences, UCSF
- 2016, 2018 Co-author and grader, Epidemiology PhD Qualifying Exam, UCSF

## SKILLS

- Programming: Stata, Matlab, SAS, SPSS, ATLAS.ti, Dedoose, L<sup>A</sup>T<sub>E</sub>X
- Languages: English (native), Spanish (fading), Thai (fading), Arabic (beginner)