

# Shannon Lea Watkins, PhD

University of Iowa College of Public Health  
Department of Community and Behavioral Health  
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## ACADEMIC APPOINTMENTS

- Assistant Professor** 2019-present  
University of Iowa (Iowa City, IA)  
Department of Community and Behavioral Health  
College of Public Health
- Postdoctoral Fellow** 2016-2019  
University of California San Francisco (San Francisco, CA)  
Center for Tobacco Control Research and Education  
School of Medicine
- Postdoctoral Fellow** 2015-2016  
San Francisco State University (San Francisco, CA)  
San Francisco Building Infrastructure Leading to Diversity (SF BUILD)  
Department of Geography & Environment, The College of Science and Engineering

## EDUCATION

- Doctor of Philosophy, Public Affairs** 2015  
Indiana University (Bloomington, IN)  
School of Public and Environmental Affairs  
Major Fields: Policy Analysis; Environmental Policy Minor Field: Geography  
Dissertation: *Trees, Communities, and Equity: Nonprofit Tree Planting and the Coproduction of Urban Forests*  
Committee: Burnell Fischer PhD (Chair), Matthew Baggetta PhD, Kenneth Richards JD PhD, Kosali Simon PhD
- Bachelor of Philosophy, Political Science & History, with honors** 2009  
University of Pittsburgh (Pittsburgh, PA)  
University Honors College  
Thesis: *Public Goods vs. Private Rights: Analyzing Government Inefficiencies in Environmental Protection*  
Committee: Jennifer N. Victor PhD (Chair), Steven Bilakovics PhD, Mark Collins PhD, William Lowry PhD

## PEER-REVIEWED PUBLICATIONS

- Holmes, L.M., **S.L. Watkins**, N.E. Lisha, & P.M. Ling. (2019). Does experienced discrimination explain patterns of menthol use among young adults? Evidence from the 2014 San Francisco Bay Area Young Adult Health Survey. *Substance Use and Misuse*. [10.1080/10826084.2018.1560468](https://doi.org/10.1080/10826084.2018.1560468)
- Watkins, S.L.**, Thrul, J., Max, W., & P.M. Ling (2018). Cold turkey and hot vapes? A national study of young adult cigarette cessation strategies. *Nicotine & Tobacco Research*. [10.1093/ntr/nty270](https://doi.org/10.1093/ntr/nty270)
- Watkins, S.L.**, S.A. Glantz, & B.W. Chaffee (2018). Non-cigarette tobacco product use and future cigarette smoking among youth in the Population Assessment of Tobacco and Health (PATH) study 2013-2015. *JAMA Pediatrics*, 172(2): 181-187. NIHMSID: 931672 [10.1001/jamapediatrics.2017.4173](https://doi.org/10.1001/jamapediatrics.2017.4173)
- Chaffee, B.W., **S.L. Watkins**, & S.A. Glantz (2018). Electronic cigarette use and progression from experimentation to established smoking among youth. *Pediatrics*, 141(4): e20173594. NIHMSID: 948959 PubMed PMID: 29507167 [10.1542/peds.2017-3594](https://doi.org/10.1542/peds.2017-3594)

5. **Watkins, S.L.**, E. Gerrish. (2018). The relationship between urban forests and race: a meta-analysis. *Journal of Environmental Management*. 209:152-168. PubMed PMID: 29289843 NIHMSID: 952140 [10.1016/j.jenvman.2017.12.021](https://doi.org/10.1016/j.jenvman.2017.12.021)
6. Gerrish, E. & **S.L. Watkins**. (2018). The relationship between urban forests and income: a meta-analysis. *Landscape and Urban Planning*. 170: 293-308. PubMed PMID: 29249844 PMCID: 5726445 [10.1016/j.landurbplan.2017.09.005](https://doi.org/10.1016/j.landurbplan.2017.09.005)
7. **Watkins, S.L.**, J. Vogt, S.K. Mincey, B.C. Fischer, R.A. Bergmann, S.E. Widney, L. Westphal & S. Sweeney (2018). Does collaborative tree planting between nonprofits and neighborhood groups improve neighborhood community capacity? *Cities*, 74: 83-99. [10.1016/j.cities.2017.11.006](https://doi.org/10.1016/j.cities.2017.11.006)
8. **Watkins, S.L.**, S.K. Mincey, J. Vogt, & S. Sweeney. (2017). Is planting equitable? An examination of the spatial distribution of nonprofit urban tree-planting programs by canopy cover, income, race, and ethnicity. *Environment and Behavior*. 49(4): 452-482. [10.1177/0013916516636423](https://doi.org/10.1177/0013916516636423)
9. Vogt J.M., **S.L. Watkins**, S.E. Widney, & B.C. Fischer. (2015). The need to standardize at-planting data. *Arborist News*, December 2015.
10. Vogt J.M., **S.L. Watkins**, S.K. Mincey, M. Patterson, & B.C. Fischer. (2015). Explaining planted-tree survival and growth in urban neighborhoods using a social-ecological systems perspective: A study of recently-planted trees in Indianapolis. *Landscape and Urban Planning*. 136: 130-143. [10.1016/j.landurbplan.2014.11.021](https://doi.org/10.1016/j.landurbplan.2014.11.021)
11. Farmer, J. R., G. Epstein, **S.L. Watkins**, & S.K. Mincey, (2014). Organic farming in West Virginia: A behavioral approach. *Journal of Agriculture, Food Systems, and Community Development*. 4(4): 155-171. [10.5304/jafscd.2014.044.007](https://doi.org/10.5304/jafscd.2014.044.007)

#### Under Review

12. **Watkins, S.L.**, Karliner-Li, P., Lee, Y., Koester, K.A., & P.M. Ling (*under review*). To be blunt: A mixed-methods study addressing the clarity and accuracy of cannabis-use survey measures.
13. **Watkins, S.L.**, Thrul., J., Max, W., & P.M. Ling (*under review*). Real-world effectiveness of smoking cessation strategies for young and older adults: Findings from a nationally representative cohort.
14. Wang, Y., **Watkins, S.L.**, Sung, H., Yao, T., Lightwood, J., & W. Max (*under review*). Healthcare utilization of menthol and non-menthol cigarette smokers.

#### CONFERENCE PRESENTATIONS AND INVITED TALKS (*bolded when presenter*)

1. Watkins, S. L., B. Chaffee, & W. Max (2019). Do characterizing flavors in tobacco products promote progression from experimentation to established use among US youth? To be delivered at the Association of Public Policy Analysis and Management Annual Conference, November 8, Denver, CO (oral presentation.)
2. **Watkins, S. L.**, B. Chaffee, W. Max (2019). Are youth and young adult tobacco experimenters from vulnerable populations particularly susceptible? Delivered at the Society for Research in Nicotine & Tobacco Annual Conference, February 21, San Francisco, CA (Oral presentation.)  
\***selected as speaker for the CA Tobacco-Related Disease Research Program's Trainee Showcase**
3. **Watkins, S.L.**, P. Karliner-Li, Y. Lee, P. Ling (2019). Mixed methods study of cannabis and cannabis tobacco co-use measures. Delivered at the Society for Research in Nicotine & Tobacco Annual Conference, February 21, San Francisco, CA. (Poster presentation.)
4. **Watkins, S.L.** (2019). Trends and Tales of flavored tobacco use among young people. Delivered at the It's About A Billion Lives Symposium, February 1, San Francisco, CA. (Oral presentation.)
5. **Watkins, S.L.**, J. Thrul., W. Max, P. Ling (2018). Relative Effectiveness of Smoking Cessation Strategies for Young Adults in a National Population Study. Delivered at the Association of Public Policy Analysis and Management Annual Conference, November 8-10, Washington, DC. (Oral presentation.)
6. **Watkins, S.L.**, J. Thrul., W. Max, P. Ling (2018). Relative Effectiveness of Smoking Cessation Strategies for Young Adults: A Longitudinal Analysis of the PATH Study. Delivered at the Tobacco Policy Research Group, October 26, San Francisco, CA. (Oral presentation.)

7. **Watkins, S.L.,** W. Max (2018). Does Initiating Tobacco Use With Flavored Products Predict Current Smoking Status? An Examination by Race, Gender, and Sexual Identity. Delivered at the 2<sup>nd</sup> Quarterly Symposium Highlighting Parnassus Cancer Research in the HDFCCC, May 21, San Francisco, CA. (Poster presentation.)
8. **Watkins, S.L.,** L. Holmes, & P. Ling (2018). Experienced discrimination and tobacco and marijuana use: Examining the role of neighborhood greenspace. Delivered at the American Association of Geographers Annual Meeting, April 10-14, New Orleans, LA. (Oral presentation.)
9. **Watkins, S. L.,** J. Thrul, W. Max, & P. Ling (2018). Young adult smoking cessation strategies: Findings from the PATH Study Wave 1. Delivered at the Tobacco Policy Research Group, March 21, San Francisco, CA (Oral Presentation.)
10. **Watkins, S.L.,** J. Thrul, W. Max, & P. Ling (2018). Young adult smoking cessation strategies in a national population study. Delivered at the Society for Research on Nicotine and Tobacco Annual Conference, February 21-24, Baltimore, MD. (Poster presentation.)
11. **Watkins, S.L.,** S.A. Glantz, & B.W. Chaffee (2018). Non-cigarette tobacco product use and future cigarette smoking among youth in the PATH study. Delivered at the It's About A Billion Lives Symposium, February 2, San Francisco, CA. (Poster presentation.)
12. **Watkins, S.L.,** W. Max (2018). Does initiating tobacco use with flavored products predict current smoking status? An examination by race, gender, and sexual identity. Delivered at the It's About A Billion Lives Symposium, February 2, San Francisco, CA. (Poster presentation.)
13. **Watkins, S.L.** (2018). From trees to tobacco. Delivered to the CTCRE Advisory Board, February 1, San Francisco, CA. (Oral presentation.)
14. **Watkins, S.L.,** W. Max (2017). Does initiating tobacco use with flavored products predict current smoking status? An examination by race, gender, and sexual identity. Delivered at the Association of Public Policy Analysis and Management Annual Conference, November 2-4, Chicago, IL. (Poster presentation.)  
*\*awarded first place "Best Poster Award"*
15. **Watkins, S.L.,** S.A. Glantz, & B.W. Chaffee (2017). Non-cigarette tobacco product use and future cigarette smoking among youth in the PATH study. Delivered at the Tobacco Centers of Regulatory Science annual meeting, October 23-24, Bethesda, MD. (Poster presentation.)
16. **Watkins, S.L.,** S.A. Glantz, & B.W. Chaffee (2017). Non-cigarette tobacco product use and future cigarette smoking among youth in the PATH study. Delivered at the Tobacco Policy Research Group, October 18, San Francisco, CA. (Oral presentation.)
17. **Watkins, S.L.** (2017). Flavored tobacco product initiation and current use: An exploration of PATH data. Delivered at the Tobacco Policy Research Group, April 19, San Francisco, CA. (Oral presentation.)
18. **Watkins, S.L.** (2017). Experienced Discrimination and Tobacco and Marijuana Use: What is the role of neighborhood greenspace? Delivered at the Tobacco Control Scientific Trainee Retreat, April 11, San Francisco, CA. (Oral presentation.)
19. **Watkins, S.L.,** L.M. Holmes, & P. Ling. (2017). Experienced discrimination and tobacco and marijuana use: Does greenspace moderate the relationship? Delivered at the National Conference on Tobacco or Health, March 22-24, Austin, TX. (Oral presentation.)
20. **Watkins, S.L.** (2017). Young adult smoking in the San Francisco Bay Area: Descriptive results from the 2014 San Francisco Bay Area Young Adult Health Survey. Delivered to the SF CAN Menthol Task Force, February 9, San Francisco, CA. (Oral presentation.)
21. **Watkins, S.L.** (2016). Trees, neighborhoods, and equity: A research program in urban forestry. Delivered at the Center for Tobacco Control Research and Education, University of California, San Francisco, October 7, San Francisco, CA. (Oral presentation.)
22. **Watkins, S.L.** & E.C. Gerrish (2016). The relationship between urban trees, race and income: A meta-analysis. Delivered at the Geography and Environment Forum, San Francisco State University, April 6, San Francisco CA. (Oral presentation.)
23. **Watkins, S.L.** & E.C. Gerrish (2016). The relationship between urban trees, race and income: A meta-analysis. Delivered at the Association of American Geographers Annual Conference, March 29-April 2, San Francisco CA. (Oral presentation.)

24. **Watkins, S.L.** & E.C. Gerrish (2015). The relationship between urban trees, race and ethnicity and income: A meta-analysis. Delivered at the Association of Public Policy Analysis and Management Annual Conference, November 12-14, Miami FL. (Oral presentation.)
25. Vogt, J.M., S.K. Mincey, **S.L. Watkins**, B.C. Fischer, S.E. Widney, R. Bergmann, L. Westphal, S. Sweeney. (2015). Neighborhood and nonprofit urban forestry: Results of a 5-city study. Delivered at the International Society of Arboriculture 91<sup>st</sup> Annual Conference and Trade Show, August 8-12, Orlando, FL. (Oral presentation.)
26. S.K. Mincey, Vogt, J.M., S.L. Watkins, B.C. Fischer, S.E. Widney, R. Bergmann, L. Westphal, S. Sweeney. (2015). Neighborhood and nonprofit urban forestry: Results of a 5-city study. Delivered at the Association for Environmental Studies and Sciences 2015 Conference: Confronting Frontiers, Borders, and Boundaries, June 24-27, San Diego, CA. (Oral presentation.)
27. **Watkins, S.L.**, S.K. Mincey, J.M. Vogt, S.E. Widney, B.C. Fischer, R.A. Bergmann, L. Westphal & S. Sweeney. (2015). The distributional results of current land use decisions: might nonprofit street tree plantings reduce disparity in urban canopy cover? Delivered at the Association of American Geographers Annual Meeting, April 21-25, Chicago IL. (Oral presentation.)
28. Vogt, J.M., S.E. Widney, **S.L. Watkins**, S.K. Mincey, B.C. Fischer, R.A. Bergmann, S. Sweeney & L. Westphal. (2015). Tree survival in social-ecological systems: results of a 5-city study. Delivered at the Association of American Geographers Annual Meeting, April 21-25, Chicago IL. (Oral presentation.)
29. **Watkins, S.L.**, S. Sweeney, S.K. Mincey & J.M. Vogt. (2015). Do nonprofit street tree plantings reduce neighborhood disparity in urban tree canopy cover? Delivered at the Association of SPEA PhD Students Annual Conference, April 10, Bloomington IN. (Oral presentation.)
30. **Watkins, S.L.** (2015). The public good nature of the urban forest and implications for management. Workshop Colloquia presentation at The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, April 8, Bloomington IN. (Oral presentation and working paper.)
31. **Watkins, S.L.**, J.M. Vogt, S.K. Mincey, B.C. Fischer, R.A. Bergmann, S.E. Widney, L. Westphal & S. Sweeney. (2014). Examining the relationship between collective action and collective efficacy of neighborhood residents: Do neighborhood street-tree plantings yield social benefits? Delivered at the Association for Public Policy Analysis and Management Annual Conference, November 6-8, Albuquerque NM. (Oral presentation.)
32. **Watkins, S.L.**, J.M. Vogt, S.K. Mincey, B.C. Fischer, R.A. Bergmann, S.E. Widney, L. Westphal & S. Sweeney. (2014). Does participation in non-profit urban tree-planting programs improve neighborhoods? Examining the impact of collective action on neighborhood residents. Delivered at the International Union of Forest Resource Organizations World Conference, October 5-11, Salt Lake City UT. (Poster presentation.)
33. **Watkins, S.L.**, J.M. Vogt, S.K. Mincey, B.C. Fischer, R.A. Bergmann, S.E. Widney, L. Westphal & S. Sweeney. (2014). Examining the relationship between collective action and collective efficacy of neighborhood residents: Do neighborhood street-tree plantings yield social benefits? Delivered at the International Society of Arboriculture (ISA) 90<sup>th</sup> Annual Conference and Trade Show, August 2-6, Milwaukee WI. (Oral presentation.)
34. Vogt, J.M., S.L. Watkins, S.K. Mincey, M.S. Patterson, & B.C. Fischer. (2014). Explaining planted-tree survival and growth in urban neighborhoods using a social-ecological systems perspective: A study of recently-planted trees in Indianapolis (United States). Delivered at the International Society of Arboriculture (ISA) 90<sup>th</sup> Annual Conference and Trade Show, August 2-6, Milwaukee WI. (Presentation and conference proceedings.)
35. Bergmann R.A., S.L. Watkins, J.M. Vogt, S.K. Mincey & B.C. Fischer. (2014). Tree survival in urban neighborhoods: Examining the role of community knowledge. Delivered at the International Society of Arboriculture (ISA) 90<sup>th</sup> Annual Conference and Trade Show, August 2-6, Milwaukee WI. (Oral Presentation.)
36. **S.L. Watkins**. (2013). Lessons Learned from Pilot Study of Communities to Examine Effects of Urban Tree Planting Programs. Delivered at the Center For Survey Research Design Monthly Lunch 'n Learn, October 23, Bloomington IN. (Oral Presentation.)
37. Coleoni, C. M., L.A. Bradford, & S.L. Watkins. (2013). Analysis of the Urban Forest Condition in Bloomington, Indiana, and a Protocol to Update Bloomington's Street Tree Inventory of 2007. Delivered at the International Society of Arboriculture (ISA) 89<sup>th</sup> Annual International Conference & Trade Show, August 3-7, Toronto ON. (Poster presentation.)
38. **Watkins S.L.**, S.K. Mincey, J.M. Vogt, R.A. Bergmann & B.C. Fischer. (2013). A research design for evaluating the outcomes of neighborhood and nonprofit urban forestry. Workshop Colloquia presentation at The Vincent

and Elinor Ostrom Workshop in Political Theory and Policy Analysis, April 17, Bloomington IN. (Oral presentation and working paper.)

39. Vogt J.M. & **S.L. Watkins**. (2013). Modeling urban tree growth and survival as social-ecological systems. Association of SPEA PhD Students Annual Conference, March 29, Bloomington IN. (Oral presentation and conference paper.)
40. Ringquist, E. J., E. Baldwin, O. Saulters & **S. L. Watkins**. (2012). Environmental Equity and Management at the Facility Level. Delivered at the APPAM Annual Research Conference, November 8-10, Baltimore MD. (Oral presentation.)

## REPORTS, WHITE PAPERS, AND OTHER PUBLICATIONS

1. Lempert, L.K., B. Halpern-Felsher, **S.L. Watkins**, L. Popova, B. Chaffee, J. McQuoid, W. Max, P. Ling, & S. Glantz (2019). FDA must address youth tobacco addiction now by restricting technology and marketing strategies that appeal to and addict youth. *Docket No. FDA-2019-N-1107*.
2. Halpern-Felsher, B., L.K. Lempert, M. Kim, L. Popova, **S. L. Watkins**, B. Chaffee, K. McKelvey, J. McQuoid, E. Keamy-Minor, M. Springer, P. Ling, & S.A. Glantz (2019). Consultation on potential regulatory measures to reduce youth access and appeal of vaping products: Evidence and recommendations from the US Experience. *Public Comment to Tobacco Control Directorate, Health Canada*
3. Halpern-Felsher, B., L.K. Lempert, **S. Watkins**, S.M. Gaiha, B. Chaffee, K. McKelvey, M. Kim, L. Popova, & S.A. Glantz (2019). FDA must use its existing authority to combat the youth e-cigarette use epidemic by preventing addiction now, rather than by seeking to treat it after the fact. *Docket No. FDA-2018-N-3952*.
4. Chaffee, B.W., **S.L. Watkins**, S.A. Glantz (2018). Electronic cigarettes, smoking progression, and statistical over-adjustment. *Pediatrics*.
5. **Watkins, S.L.**, S.A. Glantz, & B.W. Chaffee (2018). Letter in Reply: Don't credit emerging tobacco products for a quarter Century of tobacco control achievements. *JAMA Pediatrics*.
6. Halpern-Felsher, B., L.K. Lempert, **S. Watkins**, B. Chaffee, J. Gotts, P. Jacob, L Popova, S. Glantz (2018). FDA should implement its proposed rule that manufacturers must present scientific evidence demonstrating that any flavored tobacco product is appropriate for the protection of the public health before receiving marketing authorization to use that flavor. *Docket No: FDA-2017-N-6565*.
7. Widney S.E., B.C. Fischer, S.K. Mincey, J.M. Vogt, **S.L. Watkins**, R.A. Bergmann, L.M. Westphal (2015). Forest ReLeaf of Missouri planted tree re-inventory report: Survival, condition, and benefits of recently planted trees. White Paper, Bloomington Urban Forestry Research Group (BUFRG) at the Center for the Study of Institutions, Population and Environmental Change. <https://urbanforestry.indiana.edu/doc/publications/2015-releaf-report.pdf>
8. Widney S.E., B.C. Fischer, S.K. Mincey, J.M. Vogt, **S.L. Watkins**, R.A. Bergmann, L.M. Westphal (2015). The Greening of Detroit planted tree re-inventory report: Survival, condition, and benefits of recently planted trees. White Paper, Bloomington Urban Forestry Research Group (BUFRG) at the Center for the Study of Institutions, Population and Environmental Change. <https://urbanforestry.indiana.edu/doc/publications/2015-green-detroit-report.pdf>
9. Widney S.E., B.C. Fischer, S.K. Mincey, J.M. Vogt, **S.L. Watkins**, R.A. Bergmann, L.M. Westphal (2015). Keep Indianapolis Beautiful, Inc. planted tree re-inventory report: Survival, condition, and benefits of recently planted trees. White Paper, Bloomington Urban Forestry Research Group (BUFRG) at the Center for the Study of Institutions, Population and Environmental Change. <https://urbanforestry.indiana.edu/doc/publications/2015-kib-report.pdf>
10. Widney S.E., B.C. Fischer, S.K. Mincey, J.M. Vogt, **S.L. Watkins**, R.A. Bergmann, L.M. Westphal (2015). Pennsylvania Horticultural Society planted tree re-inventory report: Survival, condition, and benefits of recently planted trees. White Paper, Bloomington Urban Forestry Research Group (BUFRG) at the Center for the Study of Institutions, Population and Environmental Change. <https://urbanforestry.indiana.edu/doc/publications/2015-penn-report.pdf>
11. Widney S.E., B.C. Fischer, S.K. Mincey, J.M. Vogt, **S.L. Watkins**, R.A. Bergmann, L.M. Westphal (2015). Trees Atlanta planted tree re-inventory report: Survival, condition, and benefits of recently planted trees. White Paper, Bloomington Urban Forestry Research Group (BUFRG) at the Center for the Study of Institutions,

Population and Environmental Change. <https://urbanforestry.indiana.edu/doc/publications/2015-atlanta-report.pdf>

12. **Watkins S.L.**, S.K. Mincey, J.M. Vogt, R.A. Bergmann & B.C. Fischer. (2013). "Trees and People"—A research design for evaluating the outcomes of neighborhood and nonprofit urban forestry: Does planting trees improve neighborhoods? [https://ostromworkshop.indiana.edu/pdf/seriespapers/2013s\\_c/ForestryGroup\\_paper.pdf](https://ostromworkshop.indiana.edu/pdf/seriespapers/2013s_c/ForestryGroup_paper.pdf)

## AWARDS & HONORS

2019	Presenter, SRNT Trainee Showcase	California Tobacco Related Disease Research Program
2018-2020	Postdoctoral Fellowship Award (PI)	California Tobacco Related Disease Research Program
2018-2019	Dorothy Rice Fellow	University of California, San Francisco
2017	Best Poster Award	Association of Public Policy Analysis and Management
2014	Travel Award	Arboricultural Research and Education Academy
2009	<i>Summa Cum Laude</i>	University of Pittsburgh
2009	Phi Beta Kappa	University of Pittsburgh
2009	Research Fellowship	U.S. Steel Foundation
2008-2009	Undergraduate Teaching Fellowship	University of Pittsburgh Honors College
2005-2009	Dean's List	University of Pittsburgh

## COMPETITIVE GRANTS & FUNDING

**California Tobacco Related Disease Research Program** 2018-2020

**\$124,306**

**Postdoctoral fellowship award**, University of California San Francisco

Role: PI

Proposal Title: *Flavored tobacco initiation among youth and young adults*

Granted to identify sociodemographic, environmental, and behavioral factors associated with flavored tobacco initiation of youth and young adults and determine whether and to what extent flavored tobacco initiation is related to subsequent tobacco use and nicotine exposure

**National Cancer Institute** 2009-2020

PI: Pamela Ling

Role: Postdoctoral fellow

Proposal Title: *Understanding smokeless tobacco marketing*

Analysis of previously secret tobacco industry documents to understand the targets and impact of smokeless tobacco marketing, content analysis of current smokeless advertising, and pilot testing counter-marketing messages to decrease smokeless uptake

**National Heart, Lung, and Blood Institute**

PI: Stanton Glantz

Role: Postdoctoral fellow

Proposal Title: *Integrated health, behavioral and economic research on current and emerging tobacco products*

Quantifying the health and behavioral effects of specific characteristics of tobacco products to inform approaches and opportunities for regulation

**National Institutes of Health** 2016-2018

**Postdoctoral training fellowship**, University of California San Francisco

PI: Pamela Ling

Role: Trainee

**National Institutes of Health, Building Infrastructure Leading to Diversity (BUILD)** 2015-2016

**Postdoctoral training fellowship**, San Francisco State University

PI: Leticia Márquez-Magaña, Avi Ben-Zeev, Kirsten Bibbins-Domingo, Mica Estrada

Role: Trainee

- The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis** 2015  
**\$4,721**  
 Role: PI  
 Collaborator: Ed Gerrish  
 Proposal Title: *The relationship between urban trees, race and income: a meta-analysis*  
 Granted to conduct a meta-analysis of the relationship between urban tree canopy cover and income and race/ethnicity
- U.S. Forest Service, National Urban and Community Forestry Advisory Council** 2012-2015  
**\$173,206** (plus \$188,365 in matching funds)  
 PI: Burnell C. Fischer  
 Role: Collaborator  
 Project Partners: Alliance for Community Trees (College Park, MD); Keep Indianapolis Beautiful, Inc. (Indianapolis, IN); Pennsylvania Horticultural Society (Philadelphia, PA); Trees Atlanta (Atlanta, GA); Greening of Detroit (Detroit, MI); Forest ReLeaf of Missouri (St. Louis, MO)  
 Proposal Title: *"Trees and People" – A Two-Way Street: A research program to assess the direct and indirect effects of urban tree planting programs in the face of climate change.*  
 Granted to begin a holistic evaluation of urban tree planting programs in 5 cities across the United States
- U.S. Forest Service, Northwest Research Station** 2013-2018  
**\$35,000**  
 PI: Burnell C. Fischer, Lynn Westphal  
 Role: Collaborator  
 Proposal Title: *Evaluating the impacts for neighborhoods from nonprofit urban forestry*  
 Granted to expand household surveying capacity of the "Trees and People" program
- Indiana View Consortium Internal Grant Program** 2014  
**\$2,933** (plus \$1,000 in matching funds)  
 PI: Burnell C. Fischer  
 Role: Collaborator, project manager  
 Proposal Title: *Indiana University land cover change assessment*  
 Granted to measure and evaluate canopy cover change on Indiana University's campus and surrounding neighborhoods
- Arboricultural Research and Education Academy (AREA)** 2014  
**\$500**  
 Travel Grant  
 Granted to attend and present at the 2014 Annual Meeting of the International Society of Arboriculture, Milwaukee WI
- School of Public and Environmental Affairs (SPEA)** 2010-2014  
**Tuition and annual stipend of \$16,000 for five years**
- United States Steel Foundation** 2009  
**\$3,000**  
 Role: PI  
 Proposal Title: *Public goods vs. private rights: Analyzing government inefficiencies in environmental protection*  
 Granted to investigate the implications of the Supreme Court's standing doctrine for claims under the Endangered Species Act.

## RESEARCH INTERESTS

tobacco use epidemiology, policy, and prevention; health policy; health equity; social and structural determinants of health; environmental equity and justice; local community engagement; survey measurement

## RESEARCH EXPERIENCE

- Postdoctoral Fellow** 2016-2019  
School of Medicine, University of California, San Francisco  
Center for Tobacco Control Research and Education  
Mentors: *Wendy Max, PhD; Pamela Ling, MD MPH*
- SF BUILD Postdoctoral Fellow** 2015-2016  
The College of Science and Engineering, San Francisco State University  
Department of Geography & Environment  
Mentor: *Tendai Chitewere, PhD*
- Lead Social Scientist** 2012-2015  
Bloomington Urban Forestry Research Group  
School of Public and Environmental Affairs, Indiana University  
The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis  
*With Burnell C. Fischer, PhD*
- Project Manager** 2014  
Bloomington Urban Forestry Research Group, Indiana University  
*Indiana University Land Cover Change Assessment*
- Research Assistant** 2012  
School of Public and Environmental Affairs, Indiana University  
*With Evan J. Ringquist, PhD*
- Research Assistant** 2010-2011  
School of Public and Environmental Affairs, Indiana University  
*With Jennifer Brass, PhD*
- Brackenridge Summer Research Fellow** 2009  
Honors College, University of Pittsburgh
- Interpretive Intern** 2008  
Student Conservation Association, Washington State Parks and Recreation Commission

## TEACHING INTERESTS

health equity, social determinants of health, substance use & health policy, research methods, research design, questionnaire development, survey research methods, program evaluation

## TEACHING EXPERIENCE

- Associate Instructor** (*full teaching responsibilities*) 2011-2014  
School of Public and Environmental Affairs, Indiana University  
*Environment and People*  
Taught four semesters of introductory course (students: 53, 52, 38, 8 [summer course])  
Designed original syllabus and adapted syllabus for summer section  
Supervised graduate (Fall 2011, Spring 2012) and undergraduate (Fall 2011) teaching assistants
- Teaching Assistant** 2014  
School of Public and Environmental Affairs, Indiana University  
*Data Analysis and Modeling for Public Affairs (online)* (Barry Rubin, PhD)  
Assisted instructor in revising 8-week syllabus to 6-week syllabus  
Conducted weekly office hours and weekly tutorials online using Adobe Connect



Prepared and graded homework assignments, final assessment; graded exams

**Guest Lecturer**

University of California, San Francisco

Fellowship Program, Center for Tobacco Control Research and Education 2018  
"Receiving feedback" & "Soliciting feedback"

Led two 1.5-hour seminars on strategies to receive feedback and handle microaggressions (with Janice Tsoh, PhD)

Methods Coffee Break, Center for Tobacco Control Research and Education 2018  
"Work(flow)ing with others: tips and tricks for organizing your teamwork"

Learning for Early Careers in Addiction and Diversity (LEAD) Program 2018  
"Working with Large Data Sets"

Led a two-hour seminar on using large datasets as part of a summer training program for early career research scientists from underrepresented groups (with Kevin Delucchi, PhD)

**Guest Lecturer**

School of Management, University of San Francisco

"Health Policy" (Alison Cohen, PhD, MPH)

2019

**Guest Lecturer**

Jacobs School of Music, Indiana University

"Jazz for the Listener" (Marlin McKay)

2014

**English Teacher**

Hess Educational Organization, Taichung, Taiwan

2009-2010

**Chancellor's Undergraduate Teaching Fellow**

University Honors College and the Department of Political Science, University of Pittsburgh

With Steven Bilakovics, PhD

2008-2009

**Teaching Research Assistant**

Department of History, University of Pittsburgh

With Maurine Greenwald, PhD

2007

**Swing Dance Instructor**

Teach weekly classes of up to 60 adult dance students

2012-Present

## MENTORED STUDENTS

	<b>Role</b>	<b>Dates</b>	<b>Current Position</b>	<b>Current Institution</b>
<b>Graduate Students</b>				
Rachael Bergmann	Project Mentor	2013-2015	Conservation Project Manager	The Land Trust for Tennessee
<b>Undergraduate Students</b>				
Pearl Karliner-Li	Project Mentor	2018	Current Undergraduate Student	Barnard College

## SERVICE

### Referee Service

Public Health: *The BMJ, JAMA Pediatrics, Addictive Behaviors, Pediatrics, Substance Use & Misuse*

Public Policy: *The Journal of Policy Analysis and Management*

Urban Environments: *Landscape and Urban Planning, Urban Ecosystems, Urban Forestry & Urban Greening*

## University Service

Plant Committee, Center for Tobacco Control Research and Education	2017-2019
Invited Speaker, CTCRE Advisory Board Annual Meeting "From trees to tobacco"	2018
Fundraising and Invitations, Association of SPEA PhD Students Conference Committee	2014
Awards Panel Chair, Association of SPEA PhD Students Conference Committee	2011-2013
Member, Workshop in Methods Graduate Student Advisory Board, Indiana University	2014-2015
Member, Teaching and Learning Faculty Group, SPEA	2013-2015
Member, Environment and People Faculty Learning Community, SPEA	2013-2015

## Public and Governmental Service

Member, Menthol Task Force, San Francisco Cancer Initiative (SF CAN)	2016-2019
Organizer and Moderator, The Switch Swing Dance Workshop Community Sessions	2019
Moderator, The Switch Swing Dance Workshop Community Panel "How to Foster Ambidancing in a Scene"	2018
Guest Facilitator, Roots of Jazz & Social Dance Book Club "Roots of Jazz and Social Dances: The Girls in the Band"	2018
Panelist, Lindy Focus Panel Discussion "Ain't She Sweet? Issues of Gender for Musicians in a Male Oriented Jazz World"	2017
Panelist, The Switch Dance Workshop Community Panel "Gender Neutral Dancing in the Context of Lindy Hop"	2017

## Public Comment

Lempert, L.K., B. Halpern-Felsher, **S.L. Watkins**, L. Popova, B. Chaffee, J. McQuoid, W. Max, P. Ling, & S. Glantz (2019). FDA must address youth tobacco addiction now by restricting technology and marketing strategies that appeal to and addict youth. *Docket No. FDA-2019-N-1107*.

Halpern-Felsher, B., L.K. Lempert, M. Kim, L. Popova, **S. L. Watkins**, B. Chaffee, K. McKelvey, J. McQuoid, E. Keamy-Minor, M. Springer, P. Ling, & S.A. Glantz (2019). Consultation on potential regulatory measures to reduce youth access and appeal of vaping products: Evidence and recommendations from the US Experience. *Public Comment to Tobacco Control Directorate, Health Canada*

Halpern-Felsher, B., L.K. Lempert, **S. Watkins**, S.M. Gaiha, B. Chaffee, K. McKelvey, M. Kim, L. Popova, & S.A. Glantz (2019). FDA must use its existing authority to combat the youth e-cigarette use epidemic by preventing addiction now, rather than by seeking to treat it after the fact. *Docket No. FDA-2018-N-3952*.

Halpern-Felsher, B., L.K. Lempert, **S. Watkins**, B. Chaffee, J. Gotts, P. Jacob, L Popova, S. Glantz (2018). FDA should implement its proposed rule that manufacturers must present scientific evidence demonstrating that any flavored tobacco product is appropriate for the protection of the public health before receiving marketing authorization to use that flavor. *Docket No: FDA-2017-N-6565*.

## MEDIA

### Alternative Tobacco Products and Future Smoking

#### Radio

"E-cigarettes likely encourage kids to try tobacco but may help adults quit." NPR All Things Considered, January 23, 2018.

<https://www.npr.org/sections/health-shots/2018/01/23/579973659/e-cigarettes-likely-encourage-kids-to-try-tobacco-but-may-help-adults-quit>

## **Print**

“Youth Using Alternative Tobacco Products Are More Likely to Smoke 1 Year Later.” University of California, San Francisco, January 2, 2018.

<https://www.ucsf.edu/news/2017/12/409501/youth-using-alternative-tobacco-products-are-more-likely-smoke-1-year-later>

“Study shows association between non-cigarette tobacco product use and future cigarette smoking among teens.” National Institute on Drug Abuse Science Spotlight, January 2, 2018.

<https://www.drugabuse.gov/news-events/news-releases/2018/01/study-shows-association-between-non-cigarette-tobacco-product-use-future-cigarette-smoking-among>

“Teens who try tobacco products that aren’t cigarettes are twice as likely to try cigs a year later.” CNBC, January 2, 2018.

<https://www.cnbc.com/2018/01/02/trying-non-cigarette-tobacco-products-raises-odds-teens-try-cigs-later.html>

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Yahoo! Finance: <https://finance.yahoo.com/news/teens-try-non-cigarette-tobacco-160035113.html> )

“Teen use of non-cigarette tobacco products increases smoking risk - Multiple product use linked to fourfold increase in smoking risk.” MedPage Today, January 2,

2018. <https://www.medpagetoday.com/pulmonology/smoking/70271>

“E-cigarettes may be a gateway to smoking for teens, researchers say.” CBS News, January 2, 2018.

<https://www.cbsnews.com/news/e-cigs-may-be-gateway-teens-smoking-cigarettes/>

“Teens who start vaping are more likely to end up smoking, UCSF study finds.” SF Chronicle, January 2, 2018.

<https://www.sfgate.com/bayarea/article/Teens-who-start-vaping-are-more-likely-to-end-up-12467742.php>

*(This article also published in:*

Pittsburgh-Post Gazette, January 4, 2018.

<http://www.post-gazette.com/news/health/2018/01/04/A-study-has-found-that-vaping-increases-the-odds-of-teens-becoming-smokers/stories/201801040104>

Daily Republic, January 3, 2018.

<https://www.dailyrepublic.com/wires/teens-who-start-vaping-are-more-likely-to-end-up-smoking-ucsf-study-finds/> )

“Study finds teens who vape, chew tobacco more likely to later smoke cigarettes.” 89.3 WFPL (NPR outlet in KY), January 2, 2018.

<http://wfpl.org/teens-who-vape-chew-tobacco-more-likely-to-later-smoke-cigarettes/>

“Teens who smoke e-cigarettes, hookahs twice as likely to use cigarettes: Study.” The Washington Times, January 2, 2018.

<https://www.washingtontimes.com/news/2018/jan/2/teens-who-smoke-e-cigarettes-hookahs-twice-as-like/>

“E-cigarettes ARE a gateway to tobacco: Teenagers who use them are twice as likely to smoke, study reveals.” The Daily Mail, January 2, 2018.

<http://www.dailymail.co.uk/health/article-5228995/Vaping-teens-twice-likely-smoke-real-cigarettes.html>

“Teens who smoke hookah, e-cigarettes are more likely to try cigarettes, study says.” The Atlanta Journal-Constitution, January 2, 2018.

<http://www.ajc.com/news/world/teens-who-smoke-hookah-cigarettes-are-more-likely-try-cigarettes-study-says/zRlrfYLV0t9RxnTpWHLNJ/>

“Teens who vape likely to try cigarettes, study finds.” Courthouse News, January 2, 2018.

<https://www.courthousenews.com/teens-who-vape-likely-to-try-cigarettes-study-finds/>

“Do young users of noncigarette tobacco products progress to conventional cigarettes?” EurekAlert!, January 2, 2018.

[https://www.eurekalert.org/pub\\_releases/2018-01/jn-dyu122817.php](https://www.eurekalert.org/pub_releases/2018-01/jn-dyu122817.php)

“The talk you should have with your teen about e-cigarettes.” Deseret News, January 3, 2018.

<https://www.deseretnews.com/article/900006768/the-talk-you-should-have-with-your-teen-about-e-cigarettes.html>

*(This article also published in:*

Connect Statesboro, January 3, 2018.

<http://www.connectstatesboro.com/news/article/14133/> )

“Adolescents who use e-cigarettes are twice as likely to smoke, new report says.” Times-Mail, January 3, 2018. [https://www.tmnews.com/life/adolescents-who-use-e-cigarettes-are-twice-as-likely-to/article\\_7df4bafb-c203-5cb7-baa0-a93231e9bf3a.html](https://www.tmnews.com/life/adolescents-who-use-e-cigarettes-are-twice-as-likely-to/article_7df4bafb-c203-5cb7-baa0-a93231e9bf3a.html)

“Adolescents who use e-cigarettes are twice as likely to smoke, new report says.” Coastal Courier, January 3, 2018. <http://coastalcourier.com/section/34/article/90189/>

“The truth about teen vaping is revealed in a new scientific study - And it isn't good news.” Gloucestershire Live, January 3, 2018. <http://www.gloucestershirelive.co.uk/news/health/truth-teen-vaping-revealed-new-1001371>

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“VAPING DANGER: Teenagers who start using e-cigarettes are twice as likely to become regular smokers within a year, study claims.” The Sun, January 3, 2018. <https://www.thesun.co.uk/news/5257150/e-cigarettes-smoking-dangers-children/>

“Vaping DANGER: Teens who use e-cigs are 'TWICE as likely to become regular smokers'.” The Daily Star, January 3, 2018. <https://www.dailystar.co.uk/news/latest-news/671074/Vaping-health-risks-e-cigarettes-smoking-regular-smokers-teenagers-study-research>

“Teens who use E-cigs are twice as likely to start smoking tobacco,” Independent Online, January 3, 2018. <https://www.iol.co.za/lifestyle/health/teens-who-use-e-cigs-are-twice-as-likely-to-start-smoking-tobacco-12596411>

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<https://www.channelnewsasia.com/news/health/use-of-non-cigarette-tobacco-products-tied-to-teen-smoking-9834038>

Yahoo! News, January 5, 2018.

<https://au.news.yahoo.com/a/38495877/use-of-non-cigarette-tobacco-products-tied-to-teen-smoking/> )

“Non-cigarette tobacco use tied to future cigarette use in teens: E-cigarettes, hookah, non-cigarette combustible tobacco linked with cigarette smoking 1 year later.” Physician’s Briefing, January 4, 2018. <http://www.physiciansbriefing.com/Article.asp?AID=729808>

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<https://www.nrc.nl/nieuws/2018/01/04/jongeren-gaan-eerder-roken-van-e-sigaretten-a1587132>

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“Adolescents who use e-cigarettes are twice as likely to smoke, new report says.” Reporter-Times, January 4, 2018. [https://www.reporter-times.com/life/adolescents-who-use-e-cigarettes-are-twice-as-likely-to/article\\_804ecabe-d139-517c-a3f0-09e640379456.html](https://www.reporter-times.com/life/adolescents-who-use-e-cigarettes-are-twice-as-likely-to/article_804ecabe-d139-517c-a3f0-09e640379456.html)

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“Vape alert: E-cigarettes attracting more youth towards world of tobacco ,” The Economic Times, January 16, 2018. <https://economictimes.indiatimes.com/magazines/panache/vape-alert-e-cigarettes-attracting-more-youth-towards-world-of-tobacco/articleshow/62522407.cms>

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“Teens who vape more likely to start smoking,” The Tribune, January 16, 2018. <http://www.tribuneindia.com/news/health/teens-who-vape-more-likely-to-start-smoking/529377.html>

“E-cigarettes are attracting more youngsters towards tobacco,” India Today, January 16, 2018. <https://www.indiatoday.in/lifestyle/health/story/-e-cigarettes-are-attracting-more-youngsters-towards-tobacco-1146840-2018-01-16>

“Using any alternative tobacco product makes teens more likely to smoke cigarettes — study,” Inquirer.net, January 17, 2018. <http://lifestyle.inquirer.net/284523/using-alternative-tobacco-product-makes-teens-likely-smoke-cigarettes-study/>

“New study links teen vaping to smoking,” WIVB.com, January 17, 2018. <http://wivb.com/2018/01/17/new-study-links-teen-vaping-to-smoking/>

“E-cigarettes, attracting more youths towards world of tobacco,” Clipper28, January 17, 2018. <https://www.clipper28.com/en/e-cigarettes-attracting-more-youths-towards-world-of-tobacco/>

“Why using alternative tobacco products makes teens more likely to smoke cigarettes,” Malay Mail Online, January 17, 2018. <http://www.themalaymailonline.com/features/article/using-any-alternative-tobacco-products-makes-teens-more-likely-to-smoke-cig#mqGtBOoSq5f6bSYg.99>

“Non-smokers likely to start using conventional cigarettes within year of using e-cigarettes, finds study,” Independent, January 17, 2018. <http://www.independent.co.uk/life-style/health-and-families/e-cigarettes-non-smokers-likely-use-tobacco-cigarettes-year-risk-addiction-study-university-of-a8161656.html>

“E-cigarettes could help you quit smoking-and help your kids start.” Popular Science, January 24, 2018. <https://www.popsoci.com/e-cigarettes-public-health-study>

“E-cigarette studies continue to smoke out concerns about these products.” AAP News & Journals Gateway, Marh 8, 2018. <http://www.aappublications.org/news/2018/03/08/e-cigarette-studies-continue-to-smoke-out-concerns-about-these-products-pediatrics-3-8-18>

## **Flavored Tobacco**

“Thursday Poster 1<sup>st</sup> Place Winner | 2017 Fall Research Conference.” APPAM Online, November 2, 2017. <https://www.youtube.com/watch?v=O7eOxDpEx8s>

2017 Fall Research Conference Coverage, APPAM <http://www.appam.org/events/fall-research-conference/2017-fall-research-conference-coverage/>

## **Urban Forestry and Environmental Justice**

“Is tree planting equitable?” Remarkable Objects Podcast, Fall, 2016. <http://www.remarkableobjects.com/episodes>

“Planted-tree survival and growth in urban neighborhoods.” Alliance for Community Trees, January 2015, <http://actrees.org/news/trees-in-the-news/research/planted-tree-survival-and-growth-in-urban-neighborhoods/>

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