

Sarah D. Mills, PhD, MPH
Assistant Professor
Department of Health Behavior
Gillings School of Global Public Health
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My research examines the roles that the neighborhood in which one lives and public policy play in racial and socioeconomic disparities in tobacco use. I also evaluate the psychometric properties of measures of health outcomes.

EDUCATION & TRAINING

2019	Postdoctoral Fellowship	Carolina Postdoctoral Program for Faculty Diversity Lineberger Comprehensive Cancer Center University of North Carolina, Chapel Hill
2017	PhD, Clinical Psychology	San Diego State University/University of California, San Diego Joint Doctoral Program in Clinical Psychology
2017	Clinical Internship, Health and Behavior	University of California, Los Angeles
2015	MPH, Epidemiology	San Diego State University
2013	MS, Clinical Psychology	San Diego State University
2010	BA, Psychology, Hispanic Cultures	Columbia University

PROFESSIONAL EXPERIENCE

2019 – Present	Assistant Professor Department of Health Behavior Gillings School of Global Public Health University of North Carolina, Chapel Hill
2019 – Present	Member Lineberger Comprehensive Cancer Center University of North Carolina, Chapel Hill
2016 – 2017	Health Behavior Clinical Intern Semel Institute for Neuroscience and Human Behavior Ronald Reagan UCLA Medical Center University of California, Los Angeles

HONORS & AWARDS

2020	3 rd Place, University of Oxford Map the System Competition
2016	Teaching Award, SDSU/UC San Diego
2016	American Psychosocial Oncology Society Health Equity Scholarship
2015	Citation Award, Society of Behavioral Medicine
2014	Inamori Fellow (given to the top ten graduate students at SDSU)
2013	Certificate of Merit, Association of Test Publishers
2011–2013	UC San Diego Cota-Robles Fellowship
2007–2010	Dean's List, Columbia University

PUBLICATIONS

Peer-Reviewed Publications

*Underlining indicates trainee or a student while at UNC

46. Townsley, R., Koutouan, P., Mayorga, M., **Mills, S. D.**, Davis, M., & Hassmiller Lich, K. (2022). When history and heterogeneity matter: A tutorial on the impact of Markov model specifications in the context of colorectal cancer screening. *Medical Decision Making*, 7, 845-860.
45. **Mills, S. D.**, Kong, A. Y., Reimold, A. E., Baggett, C., Wiesen, C. A., & Golden, S. D. (2022). Sociodemographic disparities in tobacco retailer density in the United States, 2000-2017. *Nicotine and Tobacco Research*, 8, 1291-1299. PMID: 35079790
44. Weinberger, A. H., Steinberg, M. L., **Mills, S. D.**, Dermody, S., S., Heffner, J. L., Kong, A. Y., Pang, R. D., & Rosen, R. L. (2021). Assessing sex, gender identity, sexual orientation, race, ethnicity, socioeconomic status, and mental health concerns in tobacco use disorder treatment research: Measurement challenges and recommendations from a Society for Research on Nicotine and Tobacco (SRNT) pre-conference workshop. *Nicotine and Tobacco Research*, 5, 643-653. PMID: 34622932.
43. **Mills, S. D.**, Golden, S. D., O'Leary, M. C., Logan, P., & Hassmiller Lich, K. (2021). Using systems science to advance health equity in tobacco control: A causal loop diagram of smoking among racial/ethnic minority and lower-income smokers. *Tobacco Control*. [Epub ahead of print]. PMID: 34535509.
42. **Mills, S. D.**, Hao, Y., Ribisl, K. M., Wiesen, C. A., & Hassmiller Lich, K. (2021). The relationship between menthol cigarette use, cessation and relapse: Findings from Waves 1 to 4 of the Population Assessment of Tobacco and Health Study. *Nicotine & Tobacco Research*, 6, 966-975. PMID: 33063826.
***This study was cited in FDA's Scientific Assessment of the Impact of Menthol in Cigarettes and in FDA's Proposed Rule to Ban the Sale of Menthol Cigarettes**
***This study was highlighted as providing key evidence in support of a menthol cigarette ban in a citizen petition letter signed by the Public Health Law Center, the Campaign for Tobacco-Free Kids, the American Medical Association, and other health organizations**
41. **Mills, S. D.**, McGruder, C. O., & Yerger, V. B. (2021). The African American Tobacco Control Leadership Council: Advocating for a menthol cigarette ban in San Francisco, California. *Tobacco Control*, 30, e150-e153. PMID: 33483378.
40. **Mills, S. D.**, Hao, Y., Elliot, A., & Wiesen, C. A. (2021). State-level patterns and trends in cigarette smoking across racial/ethnic groups in the United States, 2011-2018. *Preventing Chronic Disease*, 18, e44. PMID: 33964122.

***This study was selected to provide continuing medical education credits for physicians and other health professionals as part of the Accreditation Council for Continuing Medical Education program**

39. Mills, S. D. & Wiesen, C. A. (2021). Beliefs about the health effects of smoking: Findings from Wave 4 of the Population Assessment of Tobacco and Health Study. *Health Education and Behavior, 49*, 497-505.
38. Garcia-Alcaraz, C., Ataseven, B., Mills, S. D., Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2020). Psychometric evaluation of the Multidimensional Health Locus of Control Scales in English- and Spanish-speaking Hispanic Americans. *Journal of Health Psychology, 26*, 2958-2965. PMID: 32508172.
37. Gordon, J.R., Dial, L.A., Mills, S.D., Drizin, J.H., Barnes, L.E., Malcarne, V.L., Klonoff, E., Vaughn, A., & Wells, K.J. (2020). Celebrity disclosure prompts public discourse regarding appearance changes related to breast cancer care: A content analysis of Internet comments. *Journal of Communication in Healthcare, 13*, 64-71.
36. Mills, S. D., Coffey, T., Newcomer, J. W., Proctor, S. L., Leifman, S., & Hassmiller Lich, K. (2020). The Eleventh Judicial Circuit Criminal Mental Health Project: Improving access to mental health treatment in Miami-Dade County. *Psychiatric Services, 71*, 1091-1094. PMID: 32998659.
35. Mills, S. D., Golden, S. D., Queen, T. L., Kong, A. Y., & Ribisl, K. M. (2020). Are state-level income-based disparities in adult smoking declining? *Preventive Medicine, 133*, 106019. PMID: 32057958.
***The Director of the Bureau of Tobacco Control for the New York State Department of Health contacted the authors to reflect on the policy changes in New York that contributed to it being the only US state to reduce income-based disparities in smoking**
34. Fox, R. S., Mills, S. D., Gholizadeh, S., Merz, E. L., Clements, P. J., Kafaja, S., Malcarne, V. L., Furst, D. E., & Khanna, D. (2019). Validity and correlates of the Brief Satisfaction with Appearance Scale for patients with limited and diffuse systemic sclerosis: Analysis from the University of California, Los Angeles Scleroderma Quality of Life Study. *Journal of Scleroderma and Related Disorders, 5*, 143-151.
33. Mills, S. D., Golden, S. D., Henriksen, L., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2019). Neighborhood disparities in the price of the cheapest cigarettes in the USA. *Journal of Epidemiology and Community Health, 73*, 894-896. PMID: 31122944.
32. Gholizadeh, S., Azizoddin, D. R., Mills, S. D., Zamora-Racaza, G., Hirz, A., Potemra, H. M. K., Wallace, D. J., Weisman, M.H., & Nicassio, P. M. (2019). Body image mediates the impact of pain on depressive symptoms in patients with systemic lupus erythematosus. *Lupus, 28*, 1148-1153. PMID: 31369342.
31. Fox, R. S., Ancoli-Israel, S., Roesch, S. R., Merz, E. L., Mills, S. D., Wells, K., Sadler, G. R., & Malcarne, V. L. (2019). Sleep disturbance and cancer-related fatigue symptom cluster in breast cancer patients undergoing chemotherapy. *Supportive Care in Cancer, 28*, 845-855. PMID: 31161437.
30. Mills, S. D., Fox, R. S., Bohan S., Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2019). Psychosocial and neighborhood correlates of health-related quality of life: A multi-level study among Hispanic Adults. *Cultural Diversity and Ethnic Minority Psychology, 26*, 1-10. PMID: 30932506.
29. Harel, D., Mills, S. D., Kwakkenbos, L., Carrier, M., Nielsen, K., Portalies, A., Bartlett, S. J., Malcarne, V. L., Thombs, B. D., & the SPIN Investigators. (2019). Shortening patient-reported outcome measures through optimal test assembly: Application to the Social Appearance Anxiety Scale in the Scleroderma Patient-centered Intervention Network Cohort. *BMJ Open. 2019;9:e024010*. PMID: 30798308.

28. **Mills, S. D.**, Henriksen, L., Golden S. D., Kurtzman, R., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2018). Disparities in retail marketing for menthol cigarettes in the United States, 2015. *Health and Place*, 53, 62-70. PMID: 30055469.
***This study was cited in FDA's Scientific Assessment of the Impact of Menthol in Cigarettes and in FDA's Proposed Rule to Ban the Sale of Menthol Cigarettes**
***This study was reported on in an article in *The Washington Post* in April 2021**
<https://www.washingtonpost.com/business/2021/04/20/fda-menthol-ban/>
27. Gholizadeh, S., Azizoddin, D. R., **Mills, S. D.**, Zamora-Racaza, G., Potemra, H. M. K., Wallage, D. J., Weisman, M. H., & Nicassio, P. M. (2018). Psychometric validation of the Arthritis Helplessness Index in systemic lupus erythematosus. *Lupus*, 27, 1980-1984. PMID: 30111237.
26. **Mills, S. D.**, Arredondo, E. M., Perez, L. G., Haughton, J., Roesch, S. C., & Malcarne, V. L. (2018). Psychometric properties of the God Locus of Health Control scale in churchgoing Latinas. *Hispanic Journal of Behavioral Sciences*, 40, 227-239. PMID: 30906111.
25. Fox, R. S., Kwakkenbos, L., Carrier, M., **Mills, S. D.**, Gholizadeh, S., Jewett, L. R., Roesch, S. C., Merz, E. L., Assassi, S., Furst, D. E., Gottesman, K., Mays, M. D., Thombs, B. D., Malcarne, V. L., & SPIN Investigators. (2018). Reliability and validity of three versions of the Brief Fear of Negative Evaluation Scale in patients with systemic sclerosis: A Scleroderma Patient-centered Intervention Network Cohort Study. *Arthritis Care & Research*, 70, 1646-1652. PMID: 29409146.
24. Merz, E. L., Kwakkenbos, L., Carrier, M., Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Jewett, L. R., Roesch, S. C., Merz, E. L., Assassi, S., Furst, D. E., Gottesman, K., Mays, M. D., Thombs, B. D., Malcarne, V. L., & SPIN Investigators. (2018). Factor structure and convergent validity of the Derriford Appearance Scale-24 using standard scoring versus using 'not applicable' responses as missing data: A Scleroderma Patient-centered Intervention Network (SPIN) Cohort study. *BMJ Open*, 8:e018641. PMID: 29511009.
23. **Mills, S. D.**, Azizoddin, D., Gholizadeh, S., Racaza, G. Z., & Nicassio, P. M. (2018). The mediational role of helplessness in psychological outcomes in systemic lupus erythematosus. *Lupus*, 27, 1185-1189. PMID: 29320976.
22. **Mills, S. D.**, Kwakkenbos, L., Carrier, M., Gholizadeh, S., Fox, R. S., Jewett, L. R., Thombs, B. D., Gottesman, K., Roesch, S. C., Malcarne, V. L., & SPIN Investigators. (2018). Validation of the Social Appearance Anxiety Scale in patients with systemic sclerosis: A Scleroderma Patient-centered Intervention Network Cohort Study. *Arthritis Care & Research*, 70, 1557-1562. PMID: 29342510.
21. Fox, R. S., **Mills, S. D.**, Roesch, S. C., Sotres-Alvarez, D., Gonzalez, P., Bekteshi, V., Cai, J., Lounsbury, D. W., Talavera, G. A., Penedo, F. J., & Malcarne, V. L. (2017). Perceptions of cancer risk/efficacy and cancer-related risk behaviors: Results from the HCHS/SOL Sociocultural Ancillary Study. *Health Education & Behavior*, 45, 790-799. PMID: 29284295.
20. Gholizadeh, S., Kwakkenbos, L., Carrier, M.E., **Mills, S. D.**, Fox, R. S., Malcarne, V. L., Jewett, L.R., Roesch, S.C., Gottesman, L., Thombs, B.D., & the SPIN Investigators. (2017). Validation of the Social Interaction Anxiety Scale (SIAS-6) in patients with scleroderma: A Scleroderma Patient-centered Intervention Network Cohort study. *Journal of Scleroderma and Related Disorders*, 3, 98-105.
19. **Mills, S. D.**, Arredondo, E. M., Perez, L. G., Haughton, J., Roesch, S. C., & Malcarne, V. L. (2017). Psychometric evaluation of the Spanish versions of the Perceived Religious Influence on Health Behavior scale and the Illness as Punishment for Sin scale in a sample of churchgoing Latinas. *The International Journal for the Psychology of Religion*, 27, 188-198. PMID: 30760945.

18. **Mills, S. D.**, Fox, R. S., Gholizadeh, S., Klonoff, E. A., & Malcarne, V. L. (2017). Acculturation and health behaviors in African Americans: A systematic review. *Journal of Cross-Cultural Psychology, 48*, 1073-1097.
17. Pan, T. M., **Mills, S. D.**, Fox, R. S., Baik, S. H., Harry, K. M., Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2017). The psychometric properties of the English and Spanish versions of the Life Orientation Test-Revised in Hispanic Americans. *Journal of Psychopathology and Behavioral Assessment, 39*, 657-668. PMID: 29170597.
16. **Mills, S. D.**, Azizoddin, D., Racaza, G. Z., Wallace, D. J., Weisman, M. H., & Nicassio, P. M. (2017). The psychometric properties of the Perceived Stress Scale-10 among patients with systemic lupus erythematosus. *Lupus, 26*, 1218-1223. PMID: 28406052.
15. Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Merz, E. L., Roesch, S. C., Clements, P. J., Kafaja, S., Furst, D. E., Khanna, D., & Malcarne, V. L. (2017). Structural validity of the Rheumatology Attitudes Index (RAI) in systemic sclerosis: Analysis from the UCLA Scleroderma Quality of Life Study. *Journal of Rheumatology, 44*, 795-798. PMID: 28412704.
14. Baik, S. H., Fox, R. S., **Mills, S. D.**, Roesch, S. C., Sadler, G. R., Klonoff, E. A., & Malcarne, V. L. (2017). Reliability and validity of the Perceived Stress Scale-10 in Hispanic Americans with English or Spanish language preference. *Journal of Health Psychology, 24*, 628-639. PMID: 28810432.
13. Humensky, J. L., Fattal, O., Feit, R., **Mills, S. D.**, & Lewis-Fernandez, R. (2017). Factors associated with outpatient visit attendance after discharge from inpatient psychiatry units in a New York City hospital. *Psychiatric Services, 68*, 624-627. PMID: 28196463.
12. **Mills, S. D.** & Murray, K.E. (2017). A cross-cultural evaluation of ethnic identity exploration and commitment. *Journal of College Student Development, 58*, 315-332. PMID: 30918421.
11. Jewett, L. R., Kwakkenbos, L., Carrier, M-E, Malcarne, V. L., Harcourt, D., Rumsey, N., Mayes, M. D., Assassi, S., Körner, A., Fox, R., Gholizadeh, S., **Mills, S. D.**, Fortune, C., Thombs, B. D., & the SPIN Investigators. (2017). Validation of the Body Concealment Scale for Scleroderma (BCSS): Replication in the Scleroderma Patient-centered Intervention Network (SPIN) Cohort. *Body Image, 20*, 99-106. PMID: 28068643.
10. Jewett, L. R., Kwakkenbos, L., Carrier, M., Malcarne, V. L., Martlett, S. J., Furst, D. E., Gottesman, K., Mayes, M. M., Assassi, S., Harcuort, D. Williamson, H., Johnson, S., Korner, A. Steen, A., Fox, R. S., Gholizadeh, S., **Mills, S. D.**, Molnar, J. C., Rice, D. B., Thombs, B. D., & the SPIN Investigators. (2016). Examination of the association of sex and race/ethnicity with appearance concerns: A Scleroderma Patient-centered Intervention Network (SPIN) Cohort study. *Clinical and Experimental Rheumatology, 23*, Suppl 100: 92-99. PMID: 27494308.
9. Champagne, B. R., Fox, R. S., **Mills, S. D.**, Malcarne, V. L., & Sadler, G. R. (2016). Multidimensional profiles of health locus of control in Hispanic Americans. *Journal of Health Psychology, 21*, 2376-2385. PMID: 25855212.
8. **Mills, S. D.**, Fox, R. S., Pan, T. M., Malcarne, V. L., Roesch, S. C., & Sadler, G. R. (2015). Psychometric evaluation of the Patient Health Questionnaire-4 in Hispanic Americans. *Hispanic Journal of Behavioral Sciences, 73*, 560-571. PMID: 29097834.
7. **Mills, S. D.**, Fox, R. S., Merz, E. L., Clements, P. J., Kafaja, S., Malcarne, V. L., Furst, D. E., & Khanna, D., & Dinesh Khanna. (2015). Evaluation of the Satisfaction with Appearance Scale and its Short Form

in systemic sclerosis: Analysis from the UCLA Scleroderma Quality of Life Study. *Journal of Rheumatology*, 42, 1624-1630. PMID: 26034157.

6. **Mills, S. D.**, Fox, R. S., & Malcarne, V. L. (2015). Body image in children with morphea: A systematic review. *Pediatric Dermatology*, 32, 188-190. PMID: 25968244.
5. Kwakkenbos, L., Delisle, V. C., Fox, R. S., Gholizadeh, S., Jewett, L. R., Levis, B., Milette, K., **Mills, S. D.**, Malcarne, V. L., & Thombs, B. D. (2015). Psychosocial aspects of scleroderma. *Rheumatic Disease Clinics of North America*, 41, 519-528. PMID: 26210133.
4. **Mills, S. D.**, Fox, R. S., Malcarne, V. L., Roesch, S. C., Champagne, B.R., & Sadler, G.R. (2014). The psychometric properties of the Generalized Anxiety Disorder-7 scale in English- and Spanish-speaking Hispanic Americans. *Cultural Diversity and Ethnic Minority Psychology*, 20, 463-468. PMID: 25045967.
3. **Mills, S. D.**, Malcarne, V. L., Fox, R. S., & Sadler, G. R. (2014). Psychometric evaluation of the Brief Acculturation Scale for Hispanics. *Hispanic Journal of Behavioral Sciences*, 36, 164-174. PMID: 25110387.
2. Malcarne, V. L., Fox, R. S., **Mills, S. D.**, & Gholizadeh, S. (2013). Psychosocial aspects of systemic sclerosis. *Current Opinion in Rheumatology*, 25, 707-713. PMID: 24067378.
1. Kwakkenbos, L., Jewett, L. R., Baron, M., Bartlett, SJ, Furst D, Gottesman K, Khanna, D., Malcarne, V. L., Mayes, M. D., Mouthon, L., Poiraudau, S., Sauve, M., Nielsen, W. R., Poole, J. L., Assassi, S., Boutron, I., Ells, C., van den Ende, C. H. M., Hudson, M., Impens, A., Korner, A., Leite, C., Costa Maia, A., Mendelson, C., Pope, J., Steele, R. J., Suarez-Almazar, M. E., Ahmed, S., Coronado-Montoya, S., Delisle, V. C., Gholizadeh, S., Jang, Y., Levis, B., Milette, K., **Mills, S. D.**, Razykov, I., Sobel, R. M., & Thombs, B. D. (2013). The Scleroderma Patient-centered Intervention Network (SPIN) Cohort: Protocol for a cohort multiple randomized controlled trial (cmRCT) design to support trials of psychosocial and rehabilitation interventions in a rare disease context. *BMJ Open* 2013, 3:e003563.

Invited Commentaries

3. Halvorson-Fried, S., Reimold, A., Mills, S. D., & Ribisl, K. M. (2022). Evidence-based point-of-sale policies to reduce youth tobacco use in North Carolina. *North Carolina Medical Journal*, 83, 244-248.
2. Ribisl, K. M., **Mills, S. D.** (2019). Explaining the rapid adoption of Tobacco 21 policies in the United States. *American Journal of Public Health*, 109, 1483-1485.
1. **Mills, S. D.**, Kurtzman, R., Golden, S. D., Kong, A. Y., & Ribisl, K. M. (2018). Cultivating new directions: The changing role of tobacco in North Carolina's economy. *North Carolina Medical Journal*, 79, 30-33.

Book Chapter

Gholizadeh, S., Fox, R. S., **Mills, S. D.**, Jewett, L. R., Thombs, B. D., & Malcarne, V. L. (2017). Coping with the disfigurement of scleroderma: Facial, skin, and hand changes. In F. M. Wigley (Ed.), *Scleroderma: From Pathogenesis to Comprehensive Management*, 2nd ed., p. 713-721. New York: Springer.

Federal Report

Surgeon General's Report on Tobacco-Related Health Disparities. *In Progress*. Contributor.

Public Comments

4. **Mills, S. D.**, Anderson, S., Brossart, L., Combs, T., Golden, S. D., Henriksen, L., Luke, D., Mahoney, M., Prochaska, J. J., Ribisl, K. M., & Trilling, S. (2022). Research to Support the Proposed Tobacco Product Standard for Menthol in Cigarettes. *Comment for Federal Register Docket No. FDA-2021-N-1349-0001*.
3. **Mills, S. D.**, Golden, S. D., Kong, A. Y., Hassmiller Lich, K., Elliot, A. M., & Ribisl, K. M. (2020). Menthol Cigarettes Should be Banned in the United States to Improve the Public's Health. *Comment for Citizen Petition, Federal Register Docket No. FDA-2013-P-0435-0001. December 1, 2020*.
2. **Mills, S. D.**, Henriksen, L., Ribisl, K. M., Luke, D. A., Golden, S. D., Prochaska, J. J., Combs, T., & Schleicher, N. C. (2020). Achieving Health Equity in the Advancement of Tobacco Control Practices. *Comment for the Centers for Disease Control and Prevention. March 17, 2020*.
1. **Mills, S. D.**, Henriksen, L., Ribisl, K. M., Golden, S. D., Luke, D. A., Prochaska, J. J., Lee, J. G., Kong, A. Y., & Schleicher, N. C. (2019). Healthy People 2030 needs tobacco use objectives addressing health equity. *Comment for Healthy People 2030 Tobacco Use Objectives. January 17, 2019*.

CONFERENCE PRESENTATIONS

*Indicates a poster by a mentored student

66. **Mills, S. D.**, Peddireddy, S., Kurtzman, R., & Ribisl, K. M. (2022 June). *The impact of menthol cigarette sales restrictions: A systematic review and meta-analysis*. Oral presentation at the National Conference on Tobacco or Health Meeting, New Orleans, LA.
65. **Mills, S. D.**, Kong, A. Y., Reimold, A. E., Baggett, C., Wiesen, C. A., & Golden, S. D. (2022 March). Sociodemographic disparities in tobacco retailer density in the United States, 2000-2017. Accepted for a recorded oral and poster presentation at the annual conference of the Society of Research on Nicotine and Tobacco, Baltimore, MD.
64. **Mills, S. D.**, Peddireddy, S., Kurtzman, R., & Ribisl, K. M. (2021 October). *The public health impact of menthol cigarette bans: A systematic review and meta-analysis*. Oral presentation at the virtual NIH Tobacco Regulatory Science Meeting.
63. **Mills, S. D.**, Hao, Y., Ribisl, K. M., Wiesen, C. A., & Hassmiller Lich, K. (2021 February). *The relationship between menthol cigarette use, cessation and relapse: Findings from Waves 1 to 4 of the Population Assessment of Tobacco and Health Study*. Oral presentation at the virtual INFORMS Healthcare Conference.
62. **Mills, S. D.**, Hao, Y., Ribisl, K. M., Wiesen, C. A., & Hassmiller Lich, K. (2021 February). *The relationship between menthol cigarette use, cessation and relapse: Findings from Waves 1 to 4 of the Population Assessment of Tobacco and Health Study*. Oral presentation at the virtual meeting of the Society of Research on Nicotine and Tobacco.
61. **Mills, S. D.**, Golden, S. D., Logan, P., O'Leary, M. C., & Hassmiller Lich, K. (2021 February). *Using systems science to advance health equity in tobacco control: A causal loop diagram of smoking among racial/ethnic minority and lower-income smokers*. Oral presentation at the virtual meeting of the Society of Research on Nicotine and Tobacco.
60. Koutouan, P., Townsley, R., **Mills, S. D.**, Mayorga, M., & Hassmiller Lich, K. (2020 October). *The impact of modeling colorectal cancer screening choices using Markov chains*. Oral presentation at the annual INFORMS meeting, Virtual Meeting.

59. **Mills, S. D.**, Golden S. D., Queen, T. L., Kong, A. Y., & Ribisl, K. M. (2020 March). *Are state-level socioeconomic disparities in adult smoking declining?* Poster presentation at the annual meeting of the Society of Research on Nicotine and Tobacco, New Orleans, LA.
58. Sommer, S.J., Harel, D., **Mills, S. D.**, Kwakkenbos, L., Carrier, M., Gholizadeh, S., Portales, A., Nielson, K., Bartlett, S., Malcarne, V., Thombs, B.D. (2020 March). *Investigating Differential Item Functioning on the Social Appearance Anxiety Scale for French- and English-Speaking Patients: A Scleroderma Patient-centered Intervention Network Cohort Study.* 6th Systemic Sclerosis World Congress, Prague.
57. Watts, A. Azizoddin, D.R., Gholizadeh, S., **Mills, S.D.**, Racaza, G., Wallace, D., Jolly, M., Weisman, M.H., & Nicassio, P.M. (2019 November). *The contribution of disease activity, depression, and anxiety to health-related and non-health-related quality of life in US and Filipino patients with SLE.* Oral presentation at the American College of Rheumatology Conference, Atlanta, GA.
56. **Mills, S. D.**, Golden S. D., Henriksen, L., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2019 August). *Neighborhood Disparities in the Price of Cheap Cigarettes in the United States.* Poster presentation at the National Conference on Tobacco or Health, Minneapolis, MN.
55. Gholizadeh, S., Kwakkenbos, L., Carrier, M-E., **Mills, S. D.**, Fox, R. S., Gottesman, K., Roesch, S. R., Thombs, B. D., Malcarne, V. L. (2019 February). *Latent profile analysis-derived typologies of systemic sclerosis patients using body image indicators: A Scleroderma Patient-centered Intervention Network (SPIN) Cohort Study.* Poster presentation at the Canadian Rheumatology Association Annual Scientific Meeting, Montreal, Quebec, Canada.
54. **Mills, S. D.**, Henriksen, L., Seidenberg, A., Golden S. D., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2019 February). *The Availability and Price of the Vuse Solo Rechargeable Digital Vapor Cigarette in the United States, 2015.* Poster presentation at the annual meeting of the Society of Research on Nicotine and Tobacco, San Francisco, CA.
53. **Mills, S. D.**, Azizoddin, D. R., Racaza, G., Wallace, D. J., Weisman, M. H., & Nicassio, P. M. (2018 November). *The Psychometric Properties of the Perceived Stress Scale-10 among Patients with Systemic Lupus Erythematosus.* Poster presentation at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Barcelona, Spain.
52. Gholizadeh, S. Azizoddin, D. R., **Mills, S. D.**, Potemra, H. K., Wallace, D. J., Weisman, M. H., & Nicassio, P. M. (2018 November). *Body image in SLE and the relationship between disease activity and psychosocial concerns.* Poster presentation at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Barcelona, Spain.
51. **Mills, S. D.**, Henriksen, L., Golden S., Kurtzman, R., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2018 October). *Disparities in Retail Marketing for Menthol Cigarettes in the United States, 2015.* Poster presentation at the UNC Lineberger Comprehensive Cancer Center Scientific Retreat, Chapel Hill, NC. **Selected for a Population Science Poster Award.**
50. **Mills, S. D.**, Henriksen, L., Golden S., Kurtzman, R., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2018 February). *Disparities in Retail Marketing for Menthol Cigarettes in the United States, 2015.* Poster presentation at the annual meeting of the American Society of Preventive Oncology, New York, NY. **Selected for the ASPO Trainee Award.**
49. **Mills, S. D.**, Henriksen, L., Golden S., Kurtzman, R., Kong, A. Y., Queen, T. L., & Ribisl, K. M. (2018 February). *Disparities in Retail Marketing for Menthol Cigarettes in the United States, 2015.* Oral presentation at the annual meeting of the Society of Research on Nicotine and Tobacco, Baltimore, MD.

48. Azizoddin, D., **Mills, S. D.**, Gholizadeh, S., Racaza, G. Z., & Nicassio, P. M. (2017 November). *The Mediation Role of Helplessness in Systemic Lupus Erythematosus*. Poster presentation at the annual meeting of the of the American College of Rheumatology/ Association of Rheumatology Health Professionals, San Diego, CA.
47. Merz, E. L., Kwakkenbos, L., Carrier, M., Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Jewett, L. R., Williamson, H., Harcourt, D., Asassi, S., Furst, D. E., Gottesman, R., Mays, M. D., Moss, D. Thombs, B. D., Malcarne, V. L., & the Spin Investigators. (2017 November). *Factor structure and Convergent Validity of the Derriford Appearance Scale-24 Using Standard Scoring versus Treating "Not Applicable" Responses as Missing Data: A Scleroderma Patient-centered Intervention Network Cohort Study*. Poster presentation at the annual meeting of the of the American College of Rheumatology/ Association of Rheumatology Health Professionals, San Diego, CA.
46. Gholizadeh, S., Kwakkenbos, L., Carrier, M., **Mills, S. D.**, Fox, R. S., Merz, E. L., Jewett, L. R., Williamson, H., Harcourt, D., Asassi, S., Furst, D. E., Gottesman, R., Mays, M. D., Moss, D. Thombs, B. D., Malcarne, V. L., & the Spin Investigators. (2017 November). *Latent Profile Analysis-Derived Typologies of Systemic Sclerosis Patients Using Body Image Indicators: A Scleroderma Patient-Centered Intervention Network (SPIN) Cohort Study*. Poster presentation at the annual meeting of the of the American College of Rheumatology/ Association of Rheumatology Health Professionals, San Diego, CA.
45. **Mills, S. D.**, Arredondo, E. M., Perez, L. G., Haughton, J., Roesch, S. C., & Malcarne, V. L. (2017 March). *The Spanish versions of the Perceived Religious Influence on Health Behavior scale and the Illness as Punishment for Sin scale in a Sample of Churchgoing Latinas: An Evaluation of the Psychometric Properties and Relationships with Health Behaviors*. Oral presentation as part of the symposium "Religiousness/Spirituality and Health Behaviors Across the Cancer Continuum" at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
44. Pan, T. M., **Mills, S. D.**, Fox, R. S., Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2017 February). *Exploring Measurement Issues with English- and Spanish-Speaking Hispanics/Latinos in Psycho-Oncology Research*. Oral presentation as part of the symposium "APOS Health Equity Scholars Program: A Training and Mentoring Initiative Dedicated to Increasing Diversity and Inclusion in Psycho-oncology to Address Health Disparities" at the annual meeting of the American Psychosocial Oncology Society, Orlando, FL.
43. *Wilson, Q., Valdez, J., Sanchez, G., Whitely, A., **Mills, S. D.**, Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2016 April). *Community Matters: Neighborhood Factors and Health Locus of Control*. Poster presentation at the annual meeting of the Western Psychological Association, Long Beach, CA.
42. *Sanchez, G., Whitely, A., Wilson, Q., Valdez, J., **Mills, S. D.**, Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2016 April). *Neighborhood Income and Anxiety and Depression Symptoms among Hispanic Americans*. Poster presentation at the annual meeting of the Western Psychological Association, Long Beach, CA.
41. *Valdez, J., Wilson, Q., Sanchez, G., Whitely, A., **Mills, S. D.**, Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2016 April). *Neighborhood Income and Health-related Quality of Life in Hispanic Americans*. Poster presentation at the annual meeting of the Western Psychological Association, Long Beach, CA.
40. **Mills, S. D.**, Bohan, S., Fox, R. S., Klonoff, E. A., Sadler, G. R., Talavera, G. A., Castaneda, S. F. Gallo, L., & Malcarne, V. L. (2016 March). *Acculturation and the Tobacco Retail Environment: A Multi-level Study in Hispanics/Latinos*. Oral poster presentation at the annual meeting of the American Psychosocial Oncology Society, San Diego, CA. **Selected as one of five posters at the conference best representing the conference theme of "Psychosocial Care for All: Achieving Equity in Psychosocial Oncology Across Ethnic, Racial and Cultural Minorities."**

39. Dial, L., Gordon, J., **Mills, S. D.**, Drizin, J., Gutierrez, L., Barnes, L., Malcarne, V., Klonoff, E., Vaughn, A., & Wells, K. (2016 March). *'I'm now the owner of two quirky looking breasts': Elicitation of Body Image and Appearance Concerns Following a Celebrity's Disclosure of Prophylactic Mastectomy*. Poster presentation at the annual meeting of the American Psychosocial Oncology Society, San Diego, CA
38. Ustjanauskas, A., Pan, T. M., **Mills, S. D.**, Roesch, S. R., Sadler, G. R., Malcarne, V. L., & Wells, K. J. (2016 March). *Psychometric Evaluation of the Pove Fatalism Inventory: Measuring Cancer Fatalism in Hispanic Americans*. Poster presentation at the annual meeting of the American Psychosocial Oncology Society, San Diego, CA.
37. Merz, E. L., Fox, R. S., **Mills, S. D.**, & Malcarne, V. L. (2016 March). *Are Perceptions of Risk and Self-efficacy Associated with Lifestyle-based Cancer Risks: A Systematic Review of the Literature*. Poster presentation meeting at the annual meeting of the American Psychosocial Oncology Society, San Diego, CA.
36. **Mills, S. D.**, Gholizadeh, S., Fox, R. S., Jewett, L. R., Carrier, M., Kwakkenbos, L., Gottesman, K., Roesch, S. C., Thombs, B. D., Malcarne, V. L., & SPIN Investigators. (2016 February). *Psychometric Properties of the Social Appearance Anxiety Scale in Patients with Limited and Diffuse Systemic Sclerosis: Analysis from the Scleroderma Patient-centered Intervention Network Cohort*. Poster presentation at the Systemic Sclerosis World Congress, Lisbon, Portugal.
35. Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Jewett, L. R., Carrier, M., Kwakkenbos, L., Gottesman, K., Roesch, S. C., Thombs, B. D., Malcarne, V. L., & SPIN Investigators. (2016 February). *A Psychometric Analysis of the Social Interaction Anxiety Scale (SIAS-6) in Systemic Sclerosis: Results from the Scleroderma Patient-centered Intervention Network (SPIN) Cohort*. Poster presentation at the Systemic Sclerosis World Congress, Lisbon, Portugal.
34. **Mills, S. D.**, Gholizadeh, S., Fox, R. S., Jewett, L. R., Carrier, M., Kwakkenbos, L., Gottesman, K., Roesch, S. C., Thombs, B. D., Malcarne, V. L., & SPIN Investigators. (2015 November). *Psychometric Properties of the Social Appearance Anxiety Scale in Patients with Limited and Diffuse Systemic Sclerosis: Analysis from the Scleroderma Patient-centered Intervention Network Cohort*. Poster presentation at the annual meeting of the American College of Rheumatology/ Association of Rheumatology Health Professionals, San Francisco, CA.
33. **Mills, S. D.**, Bohan, S., Fox, R. S., Klonoff, E. A., Sadler, G. R., Talavera, G. A., Castaneda, S. F. Gallo, L., & Malcarne, V. L. (2015 October). *Acculturation and the Tobacco Retail Environment: A Multi-level Study in Hispanic Americans*. Poster presentation at the conference Tobacco Control, Research, and Education: Joining Forces to Address New Challenges, Sacramento, CA.
32. *Challma, S., Arollado, M., **Mills, S. D.**, Fox, R. S., Sadler, G. R., & Malcarne, V. L. (2015 May). *Sleepiness, Anxiety, and Depression in English- and Spanish-speaking Hispanic Americans*. Poster presentation at the annual meeting of the Western Psychological Association, Las Vegas, NV.
31. *Arollado, M., Challma, S., **Mills, S. D.**, Fox, R. S., Sadler, G. R., & Malcarne, V. L. (2015 May). *Relationships of Machismo and Cabellerismo to Alcohol and Tobacco Use*. Poster presentation at the annual meeting of the Western Psychological Association, Las Vegas, NV.
30. **Mills, S. D.**, Drizin, J. H., Klonoff, E. A., Barnes, L. E., Malcarne, V. L., Vaughn, A. A., & Wells, K. J. (2015 April). *Public Responses to A Celebrity's Cancer-Related Disclosure about Genetic Testing*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Antonio, TX.

29. Drizin, J. H., **Mills, S. D.**, Klonoff, E. A., Barnes, L. E., Malcarne, V. L., Vaughn, A. A., & Wells, K. J. (2015 April). *Cognitive and Behavioral Change in Response to a Celebrity's Health Disclosure*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Antonio, TX. **Recognized by the Program Committee as a Citation Abstract.**
28. Fox, R. S., **Mills, S. D.**, Roesch, S. C., Sadler, G. R., & Malcarne, V. L. (2015 April). *Multigroup Confirmatory Factor Analysis of the Cultural Health Attributions Questionnaire-Revised*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Antonio, TX.
27. Baik, S. H., Fox, R. S., **Mills, S. D.**, Roesch, S. C., Sadler, G. R., Klonoff, E. A., & Malcarne, V. L. (2015 April). *Multi-group Confirmatory Factor Analysis of the Perceived Stress Scale-10 in Hispanic Americans*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Antonio, TX.
26. **Mills, S. D.**, Fox, R. S., Gholizadeh, S., Roesch, S. C., Baron, M., Hudson, M., Steele, R., Thombs, B. D., Malcarne, V. L. (2014 November). *Trajectories of Disability Over Time among Patients with Systemic Sclerosis*. Poster presentation at the annual meeting of the Association of Rheumatology Health Professionals, Boston, MA.
25. Fox, R. S., **Mills, S. D.**, Malcarne, V.L., Merz, E.L., Clements, P., Khanna, D., Kafaja, S. & Furst, D. E. (2014 November). *Correlates of Body Image Dissatisfaction in Patients with Limited and Diffuse Systemic Sclerosis*. Poster presentation at the annual meeting of the Association of Rheumatology Health Professionals, Boston, MA.
24. Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Clements, P. J., Kafaja, S., Malcarne, V. L., Khanna, D., & Furst, D. E. (2014 November). *Reliability and Validity of the Arthritis Helplessness Index in Systemic Sclerosis*. Poster presentation at the annual meeting of the Association of Rheumatology Health Professionals, Boston, MA.
23. **Mills, S. D.**, Fox, R. S., Pan, T. M., Malcarne, V. L., Roesch, S. C., & Sadler, G. R. (2014 April). *The Patient Health Questionnaire-4 in Hispanic Americans*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.
22. Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Clements, P. J., Kafaja, S., Malcarne, V. L., Furst, D. E., & Khanna, D. (2014 April). *The Relationship between Appearance Dissatisfaction and Life Satisfaction in Systemic Sclerosis*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA.
21. *Arrollado, M., Wali, J., **Mills, S. D.**, Fox, R. S., Malcarne, V. L., & Sadler, G. R. (2014 April). *The Relationship Between Religiosity and Health Locus of Control in Hispanic Americans*. Poster presented at the annual meeting of the Western Psychological Association, Portland, OR.
20. *Wali, J., Arrollado, M., Fox, R. S., **Mills, S. D.**, Malcarne, V. L., & Sadler, G. R. (2014 April). *Subjective Social Status, Mental Health, and Acculturation in Hispanic Americans*. Poster presented at the annual meeting of the Western Psychological Association, Portland, OR.
19. Malcarne, V. L., Mayes, M. D., Assassi, S., Fox, R. S., Gholizadeh, S., Gottesman, K., Harcourt, D., Kwakkenbos, L., Jewett, L. R., Mendelson, C., **Mills, S. D.**, Rumsey, N., Strohauser, T., Williamson, H., & Thombs, B. T. (2014 February). *Developing an Intervention for Body Image Distress in Systemic Sclerosis: An Update from the Scleroderma Patient-centered Intervention Network*. Poster presented at the annual meeting of the Scleroderma World Congress, Rome, Italy.
18. Malcarne, V. L., Fox, R. S., **Mills, S. D.**, Gholizadeh, S., Merz, E. L., Clements, P. J., Kafaja, P. J., Khanna, D., Furst, D. E. (2014 February). *The Validity of the Satisfaction with Appearance Scale and Brief-*

Satisfaction with Appearance Scale for Patients with Limited and Diffuse Systemic Sclerosis. Poster presented at the annual meeting of the Scleroderma World Congress, Rome, Italy.

17. Fox, R. S., **Mills, S. D.**, Pan, T. M., Merz, E. L., Malcarne, V. L. (2014 February). *Interventions Targeting Psychosocial and Process-related Outcomes Following an Abnormal Breast Cancer Screening Test: A Systematic Review.* Poster presented at the annual meeting of the American Psychosocial Oncology Society, Tampa, FL.
16. Fox, R. S., Pan, T. M., **Mills, S. D.**, Behar, A. L., Malcarne, V. L., & Sadler, G. R. (2014 February). *Differences in Knowledge of Cancer Risk Factors Between Mexican-born and US-born Women of Mexican Descent Living in the US.* Poster presented at the annual meeting of the American Psychosocial Oncology Society, Tampa, FL.
15. Fox, R. S., **Mills, S. D.**, Gholizadeh, S., Clements, P. J., Kafaja, S., Malcarne, V. L., Furst, D., & Khanna, D. (2013 October). *The Validity of the Satisfaction with Appearance Scale and the Brief Satisfaction with Appearance Scale for Patients with Limited and Diffuse Systemic Sclerosis.* Oral presentation at the annual meeting of the Association of Rheumatology Health Professionals, San Diego, CA.
14. Gholizadeh, S., **Mills, S. D.**, Fox, R. S., Clements, P. J., Kafaja, S., Malcarne, V. L., Khanna, D., & Furst, D. E. (2013 October). *Appearance Dissatisfaction, Social Discomfort, and Helplessness in Patients with Systemic Sclerosis.* Oral presentation at the annual meeting of the Association of Rheumatology Health Professionals, San Diego, CA.
13. Fox, R. S., **Mills, S. D.**, Gholizadeh, S., Merz, E. L., Clements, P. J., Kafaja, S., Malcarne, V. L., Khanna, D., & Furst, D. E. (2013 October). *The validity of the Satisfaction with Appearance Scale and the Brief Satisfaction with Appearance Scale for patients with limited and diffuse systemic sclerosis.* Oral presentation at the annual meeting of the American College of Rheumatology/Association of Rheumatology Health Professionals, San Diego, CA. **Recognized as a Noteworthy abstract.**
12. *Stroheaur, T. L., **Mills, S. D.**, Fox, R. S., Malcarne, V. L., & Sadler, G. R. (2013 September). *Relationship of Acculturation and Fatalism to Knowledge and Attitudes about Clinical Trials among Hispanic Americans.* Oral presentation at the annual meeting for the American Association of Cancer Education, Seattle, WA.
11. **Mills, S. D.**, Fox, R. S., Gholizadeh, S., & Malcarne, V. L. (2013 September). *Body Image in Localized Scleroderma: A Systematic Review.* Poster presented at the Scleroderma Congress, Hamilton, ON.
10. *Strohauer, T. L., **Mills, S. D.**, Fox, R. S., Malcarne, V. L., & Sadler, G. R. (2013 September). *Relationship of Acculturation and Fatalism to Knowledge and Attitudes about Clinical Trials among Hispanic Americans.* Poster presented at the annual meeting of the American Association for Cancer Education, Seattle, WA
9. **Mills, S. D.**, Sobel, R.M., Malcarne, V.L., Merz, E.L., Clements, P., Khanna, D., Kafaja, S., & Furst, D. E. (2013 August). *Psychometric evaluation of the Satisfaction with Appearance Scale (SWAP) and the Brief-SWAP in systemic sclerosis patients.* Poster presented at the annual meeting of the American Psychological Association, Honolulu, HI. **Received Certificate of Merit by the Association of Test publishers.**
8. **Mills, S. D.**, Sobel, R. M., Malcarne, V. L., Roesch, S.C., Champagne, B.R., & Sadler, G. R. (2013 March). *A Multiple Group Confirmatory Factor Analysis of the Generalized Anxiety Disorder-7 in English- and Spanish-speaking Hispanic Americans.* Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA
7. *Bess, C., **Mills, S. D.**, Sobel, R. M., Pan, T. M., Malcarne, V. L., & Sadler, G. R. (2013 March). *Health Literacy and Cancer Worry among English- and Spanish- speaking Hispanic Americans.* Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.

6. *Greathouse, L., **Mills, S. D.**, Sobel, R. M., Pan, T. M., Malcarne, V. L., & Sadler, G. R. (2013 March). *Depressive Symptoms, Acculturation, and Religious Involvement in Hispanic Americans*. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
5. Gholizadeh, S., **Mills, S. D.**, Sobel, R. M., Malcarne, V. L., Kafaja, S., Clements, P. J., Khanna, D., & Furst, D. E. (2013 March). *Religiosity, Depressive Symptoms, and General Health in Systemic Sclerosis Patients*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
4. Sobel, R. M., Champagne, B. R., **Mills, S. D.**, Behar, A. I., Malcarne, V. L., & Sadler, G. R., (2013 March). *A Latent Profile Analysis of the Multidimensional Health Locus of Control Scales*. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
3. **Mills, S. D.**, Sobel, R. M., Malcarne, V. L., & Sadler, G. R. (2013 February). *Perceived Benefits of Clinical Trials Participation and its Relationship to Ethnic Identity*. Poster presented at the annual meeting of the American Psychosocial Oncology Society, Huntington Beach, CA.
2. **Mills, S. D.**, Sobel, R.M., Booker, A., Malcarne, V.L., & Sadler, G.R. (2012 April). *Cancer Beliefs, Health Literacy, and Cancer-related Health Behaviors in Hispanic Americans*. Poster presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA. **Selected as a Meritorious Student poster.**
1. **Mills, S. D.**, Murray, K. E. (2012 March). *A Cross-cultural Evaluation of Ethnic Identity Exploration and Commitment*. Poster presented at the San Diego State University Student Research Symposium. San Diego, CA.

GRANTS

Awarded

8/2019 - 7/2024

K01CA242530

Modeling the Public Health Impact of a National Menthol Cigarette Ban

National Cancer Institute, Mentored Research Scientist Career Development Award in Tobacco Regulatory Research

Role: **Principal Investigator** (\$728,000)

The goal of this project is to develop a microsimulation model to estimate the impact of a national menthol cigarette ban on tobacco use, mortality and tobacco-related disease in the United States.

8/2019 - 3/2023

P01CA225597

Advancing Science and Practice in the Retail Environment

National Cancer Institute

MPIs: Drs. Kurt Ribisl, Lisa Henriksen, and Douglas Luke

Role: **Co-Investigator** (\$11,607,149)

The goal of the Advancing Science and Practice in the Retail Environment Program Project is to build a rigorous, scientific evidence base for effective tobacco control in the retail environment to reduce tobacco use, tobacco-related disparities, and the public health burdens of tobacco including tobacco-related cancers. I lead a national study examining the relationship between tobacco retailer density and neighborhood demographic composition in the US over a period close to two decades.

9/2020 - 8/2027

U24HL151308

Coordinating Center for the DECIPHeR Network

National Heart, Lung, and Blood Institute

PI: Dr. June Stevens

Role: **Co-Investigator** (\$746,776)

The Coordinating Center for the DECIPHeR Network supplies cross-study research coordination, promotes dissemination of research findings and initiates partnerships across the DECIPHeR Alliance, a group of institutions funded to test implementation strategies to increase the reach and uptake of evidence-based interventions in communities with a high burden of heart and/or lung disease. I am the Chair of the Training and Mentoring Subcommittee in the Network.

9/2021 – 8/2026

P01CA250989

Improving Provider Announcement Communication Training

National Cancer Institute

PI: Dr. Noel Brewer

Role: **Co-Investigator** (\$11,700,000)

This Program Project will study health care systems in urban and rural settings to learn how a provider's entire team can contribute to vaccine recommendations, what motivates providers to recommend HPV vaccines, who should facilitate training and what kind of communication interventions are most cost-effective. I will provide support on one project developing an agent-based simulation model to estimate the cost effectiveness of communication interventions.

Completed

9/2020 - 8/2021

U54CA156735

NCCU-LCCC Partnership Bridge Pilot Funding, Population Science

A community health assessment of smokers living in public housing

National Cancer Institute

MPIs: Dr. Micheler Richardson, Xiaoxin Chen, Wendy Brewster, Shelton Earp

Role: **Pilot Project Co-Lead** (\$55,000)

Bridge funding was provided to support the development of a grant application that proposes to conduct a community health assessment of smokers living in Department of Housing and Urban Development-supported public housing.

10/2020 - 9/2021

P01CA225597

Advancing Equity in Tobacco Control

National Cancer Institute, Advancing Science and Practice in the Retail Environment Pilot Grant

MPIs: Drs. Kurt Ribisl, Lisa Henriksen, and Douglas Luke

Role: **Pilot Grant Principal Investigator** (\$10,000)

The goal of this project was to conduct a systematic review of studies published in the past decade that examine the equity impacts of tobacco control policy interventions.

9/2015 - 6/2016

F31 CA189625-01A1

Predictors of Cancer-risk Behaviors among Hispanic Americans

National Cancer Institute, Ruth L. Kirschstein National Research Service Award for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (F31 – Diversity)

Role: **Principal Investigator** (\$26,000)

The goal of this project was to examine the relationship between acculturation, the built environment (tobacco retailer density, access to open spaces, retail food environment), and health-related quality of life in a community sample of Hispanic Americans.

7/2015 - 9/2015 (terminated early to accept NCI F31 grant) **No Grant Number**

Predictors of Tobacco Use in Hispanic Americans

Tobacco-related Disease Research Program, Dissertation Research Award

Role: **Principal Investigator** (\$30,000)

The goal of this project was to examine the relationship between acculturation, tobacco retailer density, and health-related quality of life in a community sample of Hispanic Americans.

6/2014 - 7/2014

No Grant Number

Trajectories of Disability in Patients with Systemic Sclerosis

Rheumatology Research Foundation, Health Professional Research Preceptorship

Role: **Principal Investigator** (\$4,000)

This project used latent growth mixture modeling to identify trajectories of disability over time in a sample of patients with systemic sclerosis, a rare autoimmune disease.

INVITED TALKS

4. Cancer Control and Survivorship Speaker Series

“Eliminating Racial and Socioeconomic Inequities in Tobacco Use and Tobacco-related Disease”

May 2021, Virtual Meeting, Northwestern University

3. California Tobacco Control Program, Endgame Workgroup
“Using Systems Science to Advance Health Equity in Tobacco Control”
October 2020, Virtual Meeting
2. North Carolina Women of Color Research Network Annual Conference Symposium
“Tackling Cancer Health Disparities: A Focus on Tobacco Control”
May 2019, US Environmental Protection Agency, Research Triangle Park, North Carolina
1. Annual meeting of the American Psychological Association
“Effective Recruitment and Retention of Underrepresented and Ethnic Minorities in Psychology”
August 2013, Honolulu, Hawaii

TEACHING ACTIVITIES

Instructor

2022, Spring 2021, Spring	Scale Development Methods Department of Health Behavior University of North Carolina, Chapel Hill 13 graduate students (2022) 12 graduate students (2021)
2019, Fall	Foundations of Health Equity, Social Justice, and Human Rights Department of Health Behavior University of North Carolina, Chapel Hill 18 graduate students
2016, Spring	Health Psychology Department of Psychology San Diego State University 59 undergraduate students

Teaching Assistant

2019, Spring	Cancer Prevention and Control Seminar University of North Carolina, Chapel Hill 12 graduate students
2015, Fall 2014, Fall	Multivariate Statistics San Diego State University 15 graduate students (2015) 20 graduate students (2014)

Guest Lectures & Panel Discussions

2022, Spring	Advanced Decision Modeling “ <i>Modeling the public health impact of a menthol cigarette ban</i> ” Department of Health Policy and Management University of North Carolina, Chapel Hill
2022, Spring	Health Interventions “ <i>Advancing equity in tobacco control</i> ”

	Alliant University
2021, Fall	Introduction to Participatory Systems Science in Health: Methods Overview <i>“Using Systems Science to Advance Health Equity in Tobacco Control”</i> Department of Health Policy and Management University of North Carolina, Chapel Hill
2021, Fall	Job Negotiations Panelist Carolina Postdoctoral Program for Faculty Diversity University of North Carolina, Chapel Hill
2022, Fall	Professional Development for Doctoral Students
2021, Fall	Panelist
2020, Spring	Department of Health Behavior
2020, Fall	University of North Carolina, Chapel Hill
2019, Fall	
2022, Spring	Health Behavior Survey Methods
2021, Spring	<i>“Measuring Socioeconomic Status in Public Health Research”</i> Department of Health Behavior University of North Carolina, Chapel Hill
2021, Spring	Health Interventions for Health Disparities <i>“Tobacco Control Policies to Reduce Demographic Disparities in Smoking”</i> California School of Professional Psychology Alliant International University-San Diego
2021, Spring	Diversity Grant Awards/Diversity Supplements Panelist UNC Cancer Network Lineberger Comprehensive Cancer Center University of North Carolina, Chapel Hill
2019, Fall	Introduction to Public Health <i>“Tobacco Control Interventions”</i> Department of Epidemiology University of North Carolina, Chapel Hill
2019, Spring	Cancer Prevention and Control
2018, Spring	<i>“Tobacco Control Policy” (2019)</i> <i>“Patient-centered Care and Patient-reported Outcomes” (2018, 2019)</i> Department of Health Behavior University of North Carolina, Chapel Hill
2018, Spring	UNC School of Medicine
2017, Fall	<i>“Introduction to Menthol Cigarettes and Tobacco Industry Marketing”</i>
2015, Spring	Summer Science Enrichment Program <i>“Acculturation, the Built Environment, and Health-related Quality of Life in Hispanic Americans”</i> UC San Diego Moores Cancer Center

2012, Spring

Health Psychology
“Behavioral Medicine”
San Diego State University

STUDENT ADVISING & RESEARCH ASSISTANTS

Faculty Mentor

Name	Program	School	Dates
Taya Westfield	MPH Program, Health Behavior	UNC	2021 - Present
Kiara Tompkins	MPH Program, Health Behavior	UNC	2021 - Present
Samantha Karon	MPH Program, Health Behavior	UNC	2021 - 2022
Kimberly West	MPH Program, Health Behavior	UNC	2021
Kristen Witkemper	MPH Program, Health Behavior	UNC	2020 - 2022
Alison Elliot	MPH Program, Health Behavior	UNC	2020 - 2022
Elizabeth Holland	MPH Program, Equity	UNC	2019 - 2021
Amanda Ribas Rietta Souto	MPH Program, Equity	UNC	2019 - 2021

Research Assistants

*Indicates student funded by my sponsored research

Name	Program	School	Dates
*Ivy Yuan	Masters Program, Biostatistics	UNC	2022 - Present
Victor Catalan	MPH Program, Health Behavior	UNC	2022 - Present
Shantel Campbell	Undergraduate	North Carolina Central University	2022 - Present
Frantasia Hill	MPH Program, Health Behavior	UNC	2022 - Present
*Nick Tapp-Hughes	Masters Program, Computer Science	UNC	2021- Present
*Yu (Sylvia) Zhang	Masters Program, Biostatistics	UNC	2021 - 2022
*Marlene Donato Kalb	MPH Program, Health Behavior	UNC	
Allencia Hinant	Undergraduate	North Carolina Central University	Summer 2021
*Alison Elliot	MPH Program, Health Behavior	UNC	2020 - 2022
*Rachel Kurtzman	Doctoral Program, Health Behavior	UNC	2020 - 2022
*Yihan Tang	Masters Program, Biostatistics	UNC	2020 - 2022
*Elizabeth Holland	MPH Program, Equity	UNC	2019 - 2021
*Amanda Ribas Rietta Souto	MPH Program, Equity	UNC	2019 - 2021
*Snigdha Peddireddy	MPH Program, Health Behavior	UNC	2019 - 2021
*Yajing Hao	Masters Program, Biostatistics	UNC	2019 - 2020
Paige Logan	MPH Program, Health Behavior	UNC	Spring 2020

Dissertation Committee Member

Christine Walsh, Doctoral Student, Health Behavior, UNC, 2019 – 2022

Rachel Kurtzman, Doctoral Student, Health Behavior, UNC, 2019 – 2022

Capstone Faculty Mentor

North Carolina Department of Public Health (Jail Health), 2021-2022

Practicum Manager or Research Mentor

Hannah Barker, MPH Program, Health Behavior, UNC, Summer 2020 [Manager]

Chisom Ojukwu, MPH Program, Health Behavior, Summer 2022 [Research Mentor]

Other Activities

- Faculty mentor for 6 students in statistics consultation class, Principles of Statistical Collaboration and Leadership (BIOS 841), Department of Biostatistics, Spring 2021

SERVICE (UNC)

Department

Member, Service Equity Action Team, 2021-2022

Member, Health Behavior MPH Admissions Committee, 2020-2021

Member, Health Equity, Social Justice and Human Rights MPH Admissions Committee, 2021-2022

School

Reviewer, Marci K. Campbell Dissertation Award, UNC Lineberger Comprehensive Cancer Center, 2020

SERVICE (PROFESSION)

Reviewer for Funding Agencies and Programs

Health Policy Research Scholars Program, Robert Wood Johnson Foundation, 2020, 2021, 2022

Pilot Grant Award Program, Advancing Science and Practice in the Retail Environment Center, 2021

Feedback on Public Health and Grants Programs

Health Equity Summit, California Tobacco Control Program, September 2022

Member, Evaluation Task Force for the California Tobacco Control Program, 2021-Present

Social Indicators Workgroup, California Tobacco Control Program, 2021-Present

Feedback to inform development of strategic plan for Colorado's Tobacco Education, Prevention, and Cessation Grants Program, 2020

Abstract Reviewer

Society of Research on Nicotine and Tobacco Annual Meeting, 2023

Society of Research on Nicotine and Tobacco Annual Meeting, 2022

Society of Research on Nicotine and Tobacco Annual Meeting, 2020

Ad Hoc Reviewer

BMC Psychiatry

Health & Place

Journal of Cancer Education

International Journal of Environmental Research and Public Health

Psychology Injury and Law

Psychiatry Research

Tobacco Control

MEDIA INTERVIEWS

- Interviewed about FDA's proposed ruling on menthol cigarette by Rob Ferrett, host of "Central Time," a news radio show on NPR Wisconsin Public Radio (May 3, 2022)
- Interviewed about the study 'Disparities in retail marketing for menthol cigarettes in the United States, 2015' by Laura Reiley of *The Washington Post* (April 20, 2021)

<https://www.washingtonpost.com/business/2021/04/20/fda-menthol-ban/>

PRACTICE

License and State: #5778 North Carolina

Clinical Experience

2017 – 2020

Volunteer

Women's Mood Disorders Clinic

University of North Carolina, Chapel Hill

Supervisors: Crystal Schiller, PhD, Amanda Harp, PhD

- Conduct individual therapy (CBT, ACT, DBT skills) for women with perinatal depression, anxiety, obsessive-compulsive disorder, and post-traumatic stress disorder

2016 - 2017

Clinical Psychology Intern

Semel Institute for Neuroscience and Human Behavior

Ronald Reagan UCLA Medical Center

University of California, Los Angeles

Supervisor: David Wellisch, PhD

- Conduct individual therapy as part of psychiatry consult-liaison team
- Conduct assessments for patients with or at high-risk for breast cancer
- Conduct assessments in an outpatient adolescent medicine clinic
- Conduct pre-transplant assessments