

Curriculum Vitae

Sophia I. Allen, PhD, MBA

Personal Statement: My long-term goal is to become an independent investigator and leader in substance use (nicotine) and addiction research. I will focus on improving the impact of mobile health (mhealth) technology on smoking cessation interventions to reduce tobacco-caused diseases among African Americans.

Contact Information

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Education

1996	B.S.	Public Health, Rutgers, The State University of New Jersey
2007	M.B.A.	Business Administration, Baker College
2015	Ph.D.	Public Health, Walden University

Employment History

2022-	Assistant Professor (tenure-track), Department of Public Health Sciences, The Pennsylvania State University, College of Medicine
2012-2015	Public Health Program Administrator, Bureau of Health Promotion and Risk Reduction, Pennsylvania Department of Health

Post Graduate Education and Training

2016-2022	Fellowship, Tobacco Regulatory Science Penn State College of Medicine Mentor: Jonathan Foulds, PhD
2016	Graduate Student Online Teaching Certificate Penn State World Campus
2016	PHS863: Applied Tobacco Research Penn State University
2017	PHS864: Tobacco-Related Biomarkers PHS565: Statistical Models for Tobacco Research Penn State University
2018	Foundations for Teaching Online Certificate Penn State World Campus

Curriculum Vitae
Sophia I. Allen, PhD, MBA

2020	PHS580: Clinical Trials: Design & Analysis Penn State University
2020-2021	Edge for Scholars Online Grant Writing Workshop Sarah Dobson
2021	Medical Writing and Presentation Skills University of Pittsburgh
2021	Innovation to Impact (I2I) Entrepreneurship Training Program Yale University

Publications

<https://www.ncbi.nlm.nih.gov/myncbi/sophia%20i.allen.1/bibliography/50213855/public/>

1. **Allen SI**, Foulds J, Pachas GN, Veldheer S, Cather C, Azzouz N, Hrabovsky S, Hameed A, Yingst J, Hammett E, Modesto J, Krebs NM, Junjia Z, Liao J, Muscat JE, Richie J, Evins AE. A two-site, two-arm, 34-week, double-blind, parallel-group, randomized controlled trial of reduced nicotine cigarettes in smokers with mood and/or anxiety disorders: trial design and protocol. *BMC Public Health*. Jan 19;17(1):100 (2017).
2. Thiel de Bocanegra H, Carter-Pokras O, Ingleby JD, Pottie K, Tchangalova N, **Allen SI**, Smith-Gagen J, Hidalgo B. Addressing refugee health through evidence-based policies: a case study. *Ann Epidemiol*. May 12. pii: S1047- 2797(17):30074-1 (2017).
3. Krebs NM, **Allen SI**, Veldheer S, Martinez DJ, Horn K, Livelsberger C, Modesto J, Kuprewicz R, Wilhelm A, Hrabovsky S, Kazi A, Fazzi A, Liao J, Zhu J, Wasserman E, Reilly SM, Reinhart L, Trushin N, Moyer, RE, Bascom R, Foulds J, Richie JP Jr, Muscat JE. Reduced nicotine content cigarettes in smokers of low socioeconomic status: study protocol for a randomized control trial. *Trials*. Jul 3;18(1):300 (2017).
4. Krebs NM, **Allen SI**, Veldheer S, Martinez DJ, Horn K, Livelsberger C, Modesto J, Kuprewicz R, Wilhelm A, Hrabovsky S, Kazi A, Fazzi A, Liao J, Zhu J, Wasserman E, Reilly SM, Reinhart L, Trushin N, Moyer, RE, Bascom R, Foulds J, Richie JP Jr, Muscat JE. Correction to Reduced nicotine content cigarettes in smokers of low socioeconomic status: study protocol for a randomized control trial. *Trials*. Dec 15;18(1):598. (2017).
5. Veldheer S, Midya V, Lester C, Liao J, Yingst J, Hrabovsky S, **Allen SI**, Krebs NM, Reinhart L, Evins AE, Horn K, Richie J, Muscat J, Foulds J. Acceptability of spectrum research cigarettes among participants in trials of reduced nicotine cigarettes. *Tob Regul Sci*. Jan 1;4(1):573-585 (2018).
6. **Allen SI**, Foulds J, Wasserman E, Veldheer S, Hrabovsky S, Yingst J, Liu G. Peer Reviewed: Tobacco use among middle and high school students in Pennsylvania. *Prev Chronic Dis*. Feb 1;15:E19 (2018).
7. **Allen SI**, Wasserman E, Veldheer S, Yingst J, Hrabovsky S, Liao J, Krebs NM, Horn K, Reinhart L, Modesto J, Putt K, Evins AE, Muscat JE, Richie J, Foulds J. Characteristics of adult cigarette smokers who “relight” and the effects of exposure to tobacco smoke constituents. *Nicotine Tob Res*, nty138 (2018).
8. Yingst J, Lester C, Veldheer S, **Allen SI**, Du P, Foulds, J. E-cigarette users

Curriculum Vitae
Sophia I. Allen, PhD, MBA

- commonly stealth vape in places where e-cigarette use is prohibited. *Tobacco Control*. Aug 10. pii:tobaccocontrol-2018-054432. [Epub ahead of print] (2018).
9. Yingst J, Foulds J, Veldheer S, Cobb CO, Yen M, Hrabovsky S, **Allen SI**, Bullen C, Eissenberg T. Measurement of electronic cigarette frequency of use among smokers participating in a randomized controlled trial. *Nicotine Tob Res*. Oct 26. [Epub ahead of print]. (2018).
 10. Hrabovsky S, Midya V, Lester C, Veldheer S, Yingst J, **Allen SI**, Krebs N, Liao J, Reinhart L, Modesto J, Evins AE, Richie JP, Muscat JE, Horn K, Foulds J. Effect of cigarette rod length on smokers switching to SPECTRUM cigarettes. *Am J Health Behav*. Mar 1;43(2):380-392. (2019).
 11. **Allen SI**. Innovative smoking cessation interventions using mHealth in community health centers [Saunders-Watkins Leadership Workshop abstract OR-01]. *Ethn & Dis*. Feb 21;29(Suppl 1):209-226. (2019).
 12. Hobkirk AL, Krebs NM, **Allen SI**, Muscat JE. Assessing cotinine values and nicotine dependence among non-daily smokers [Society of Behavioral Medicine 2019 Annual Meeting Abstracts]. *Ann Behav Med*. Mar 1;53(Suppl 1): S222. (2019).
 13. Yingst, JM, Bordner CR, Hobkirk AL, Hoglen B, **Allen SI**, Krebs NM, Houser KR, Livelsberger C, Foulds J. Response to flavored cartridge/pod-based product ban among adult JUUL users: "You get nicotine however you can get it." *Int. J. Environ. Res. Public Health*. Jan;18(1): 207. (2021).
 14. Yingst JM, Krebs NM, Bordner CR, Hobkirk AL, **Allen SI**, Foulds J. Tobacco use changes and perceived health risks among current tobacco users during the COVID-19 pandemic. *Int. J. Environ. Res. Public Health*. Jan;18(4):1795. (2021).
 15. Cobb CO, Foulds J, Yen M, Veldheer S, Lopez AA, Yingst J, Bullen C, Kang L, Eissenberg T, **Allen SI**, Brosnan P, Chowdhury N, Graham JT, Hammett E, Hrabovsky S, Hummer BL, Lester C, Richie JP, Sciamanna C, Sun S, Lipato T. Effect of an electronic nicotine delivery system with 0, 8, or 36 mg/ml liquid nicotine versus a cigarette substitute on tobacco-related toxicant exposure: a randomised controlled trial. *Lancet Respir Med*. 2021 Aug;9(8):840-850. doi: 10.1016/S2213-2600(21)00022-9. Epub 2021 Apr 12. PMID: 33857436; PMCID: PMC8349799
 16. Hobkirk AL, Midya V, Krebs NM, **Allen SI**, Reinhart L, Sun D, Stennett AL, Muscat JE. Characterizing nicotine exposure among a community sample of non-daily smokers in the United States. *BMC Public Health*. 2021 Dec;21(1):1-8.
 17. Foulds, J, Cobb CO, Yen M, Veldheer S, Brosnan P, Yingst J, Hrabovsky S, Lopez AA, **Allen SI**, Bullen C, Wang X, Sciamanna C, Hammett E, Hummer BL, Lester C, Richie JP, Chowdhury N, Graham JT, Kang L, Sun S, Eissenberg T. Effect of electronic nicotine delivery systems on cigarette abstinence in smokers with no plans to quit: a randomized placebo-controlled trial. *Nicotine and Tob Res*. 2021 Nov 26;ntab247. doi: 10.1093/ntr/ntab247. Epub ahead of print. PMID: 34850164
 18. Hobkirk AL, Hoglen B, Kristich A, Yingst JM, Houser KR, Krebs NM, **Allen SI**, Bordner CR, Livelsberger C, Foulds J. Intentions and attempts to quit JUUL e-cigarette use: the role of perceived harm and addiction. *Prev Chronic Dis*. 2022 Feb 3;19:E06. doi: 10.5888/pcd19.210255. PMID: 35113784.

Curriculum Vitae
Sophia I. Allen, PhD, MBA

19. Krebs NM, D'Souza G, Bordner C, **Allen SI**, Hobkirk AL, Foulds J, Yingst JM. COVID-19 vaccination uptake and hesitancy among current tobacco users. *Tob. Use Insights*. 2021 Dec 20;14:1179173X211068027. doi: 10.1177/1179173X211068027. PMID: 34987300; PMCID: PMC8721404.

Pre-Prints

20. Foulds J, Cobb CO, Yen M, Veldheer S, Brosnan P, Yingst J, Hrabovsky S, Lopez AA, **Allen SI**, Bullen C, Wang X, Sciamanna C, Hammett E, Hummer BL, Lester C, Richie JP, Chowdhury N, Graham JT, Kang L, Sun S, Eissenberg T. Effect of electronic nicotine delivery systems on cigarette abstinence in smokers with no plans to quit: a randomized placebo-controlled trial, preprint medRxiv doi: <https://doi.org/10.1101/2021.06.22.21259359>

In Process

21. Foulds J, Veldheer S, Pachas G, Hrabovsky Shari, Hameed A, **Allen SI**, Cather CC, Azzouz N, Yingst J, Hammett E, Modesto J, Krebs NM, Lester C, Trushin N, Reinhart L, Wasserman E, Zhu J, Liao J, Muscat JE, Richie J, Evins AE. The effects of reduced nicotine content cigarettes in smokers with mood or anxiety disorders: a double-blind randomized trial.
22. **Allen SI**, D'Souza G, Yingst JM, Krebs, NM, Hobkirk A, Foulds J. Utilization and outcomes of a telephone quitline service by African American and Latino smokers.
23. Hoglan B, Hobkirk A, Hayes J, **Allen S**, Houser K, Lukasik M, I, Veldheer S. Patient perspectives of the collection of social needs questions.
24. **Allen SI**, Hoglan B, Hobkirk A, Veldheer S, Houser K, Lukasik M, Hayes J. Stakeholders' perceptions of the PRAPARE as a clinical tool for identifying patients' social needs.
25. **Allen SI**, Krebs NM, Bordner C, D'Souza G, Hobkirk A, Foulds, J, Yingst J. Quitting smoking during the COVID-19 pandemic: a call for tobacco control readiness.

Honors and Awards

2015	Pennsylvania State Employee Emerging Leader Program Participant 10-month leadership development program for outstanding mid-level managers in Pennsylvania state government.
2018	Scholarship, National Institutes of Health, National Heart, Lung, and Blood Institute, awarded to participate in the inaugural Saunders-Watkins Leadership Workshop in Health Disparities and Implementation Research for Early-Stage Investigators. Bethesda, MD
2018	NIDA Diversity Scholars Travel Award, National Institutes of Health, National Institute on Drug Abuse, Office of Diversity and Health Disparities
2019-2021	Diversity Supplement, National Institutes of Health, National Institute on Drug Abuse (U01DA045517-01S1 and U01DA045517-01S2)
2019-2021	AAAS/Science Program for Excellence in Science
2020	Bond & Bradley Postdoc Travel Award, Penn State College of Medicine
2020	NIDA Diversity Scholars Network Program, National Institutes of Health, National Institute on Drug Abuse

Curriculum Vitae
Sophia I. Allen, PhD, MBA

2020-2021 National Research Mentoring Network Scholar, National Institutes of Health,
National Institute of General Medical Sciences, Diversity Program Consortium
2021 Bond & Bradley Outstanding Postdoctoral Scholar Award, Penn State College of
Medicine, Penn State Hershey Postdoc Society

Grant Support

Active:

2022-2026 Sophia I. Allen (PI)
 “Mixed Methods Research to Increase Engagement and Smoking
 Abstinence among African Americans Enrolled in Quitline Text Messaging
 Services”
 U.S. NIH Grant K01DA053410
 Total Award: \$885,800

The goal of this project is to focus on improving the impact of mobile health (mHealth) technology among African Americans using state quitline services. I will assess text messaging data from the Pennsylvania quitline, conduct qualitative interviews with quitline users, and conduct a pilot EMA study to inform a tailored mHealth smoking cessation intervention for African Americans.

Completed:

2020-2021 Jonathan Foulds (PI)
 “Does Switching to Nicotine-Containing Electronic Cigarettes Reduce
 Health Risk Markers?”
 U.S. NIH Grant U01DA04551701S2 (Diversity Supplement)
 Total Award FY 2020: \$92,712

The goal of this project was to understand the health effects of cigarette smokers switching to an electronic cigarette and to assess the role of nicotine delivery on switching, acceptability, and markers of health outcomes. As an NIH diversity supplement recipient, I supported the parent grant and identified the social and economic factors that influence trial enrollment, retention, and tobacco use behaviors of smokers attempting to switch from traditional cigarettes to an electronic cigarette.
Role: Postdoctoral Scholar

2019-2020 Jonathan Foulds (PI)
 “Does Switching to Nicotine-Containing Electronic Cigarettes Reduce
 Health Risk Markers?”
 U.S. NIH Grant U01DA04551701S1 (Diversity Supplement)
 Total Award FY 2019: \$132,505

The goal of this project was to understand the health effects of cigarette smokers switching to a Standardized Research E-Cig (SREC) and to assess the role of nicotine delivery on switching, acceptability, and markers of health outcomes. As an NIH diversity supplement recipient, I will support the parent grant and identify the social and economic factors that influence trial enrollment, retention, and tobacco use behaviors of smokers attempting to switch from traditional cigarettes to a SREC.

Curriculum Vitae

Sophia I. Allen, PhD, MBA

Role: Postdoctoral Scholar

2019-2021 Michael Hayes & Susan Veldheer (PIs)
“Multidisciplinary Collaboration as a Bridge to the Ethical Collection of
Patient-level Data on Social Determinants of Health (SDoH)”
U.S. NIH Grant UL1TR002014 (Internal Funding)

The purpose of this project was to adapt a SDoH screening tool for a test on an electronic medical record environment and to assess the tool’s acceptability and feasibility in simulated clinical encounters with patients and clinical care team members. As a postdoctoral scholar, I a) ensured the overall study goals are being met according to the project timeline; b) monitored data collection and protocol fidelity; and c) assisted with co-facilitating focus groups and interviews; and d) assisted with coding and analyzing focus group and interview data as well as with manuscript preparation.

Role: Postdoctoral Scholar

2019-2021 Michael Hayes & Andrea Hobkirk (PIs)
Stakeholders’ Perspective of Collecting Patient-Level Data on Social
Determinants of Health to Identify Patient Needs and Barriers to Cancer
Care across the PSCI Catchment Area
Penn State Cancer Institute (Internal Funding)

The current project capitalized on the Penn State Cancer Institute’s (PSCI) existing resources to better understand stakeholders’ perspectives on implications, barriers, and consequences of collecting and leveraging SDoH, which will inform best practices to develop culturally sensitive data collection tools, methods, and interventions across the PSCI catchment area. As a postdoctoral scholar I contributed expertise in health care barriers for racial and ethnic minorities to the development of the semi-structured interviews. This project provided an opportunity to co-lead qualitative interviews which was aligned with the training goals in my NIH Diversity Supplement.

Role: Postdoctoral Scholar

2019 Patricia Sue Grigson & Jonathan Foulds (PIs)
“Random Nicotine Delivery: A Novel Intervention for Smokers”
U.S. NIH Grant R21DA038775

The objective of this project was to determine whether treatment with random nicotine delivery via nicotine film both before and after the quit date will facilitate cessation relative to treatment with steady state delivery or placebo. Responsible for recruitment, consent, data collection from participants, and manuscript preparation.

Role: Postdoctoral Scholar

2015-2018 Joshua Muscat (PI), Jonathan Foulds (Co-PI)
“Reduced Nicotine Cigarettes in Smokers with Mood and Anxiety
Disorders”
U.S. NIH Grant/Contract 5P50DA036107

The overall goal of the Penn State Tobacco Center of Regulatory Science (TCORS) was to develop a leading state-of-the-art research and training infrastructure to inform policy on the regulation of tobacco products. Collected data from participants, performed data analysis, and reported results through manuscripts and scientific

Curriculum Vitae

Sophia I. Allen, PhD, MBA

meeting presentations.

Role: Postdoctoral Scholar

2015-2020 Tomas Aguilar (PI)
“National State-Based Tobacco Control Programs”
Cooperative Agreement U58DP005990
Centers for Disease Control and Prevention
Total Award: \$1,291,458

The purpose of this project was to establish and maintain sufficient tobacco control program capacity to achieve the four National Tobacco Control Program goals using population-based environmental, policy, and systems interventions and strategies demonstrated to effectively impact the tobacco epidemic. I managed all grant activities to ensure the overall project goals were met according to the project timeline and submitted annual progress reports and applications to the CDC from April 2015 through December 2015.

Role: Grant Manager

2009-2015 Tomas Aguilar (PI)
“Healthy Communities, Tobacco Control, Diabetes Prevention and Control, and Behavioral Risk Factor Surveillance System”
Cooperative Agreement U58DP001987
Centers for Disease Control and Prevention
Total Award: \$1,288,156

The purpose of this project was to reduce the morbidity and premature mortality associated with chronic diseases and to eliminate associated health disparities by supporting capacity building, program planning, development, implementation, evaluation, and surveillance for chronic disease conditions and chronic disease-related risk factors. I managed all grant activities to ensure the overall project goals were met according to the project timeline and submitted annual progress reports and applications to the CDC from September 2013 through March 2015.

Role: Grant Manager

Invited Talks

2014	Cancer Control, Prevention and Research Advisory Board (CAB) Meeting, <i>E-cigarettes: friend or foe</i> , Harrisburg, PA; 20 attendees, .5 hours/year
2015	Technical Assistance Conference, <i>Healthy PA Youth Survey Results</i> , 60 attendees, 1 hour/year
2015	Penn State College of Medicine, Department of Public Health Sciences, <i>Important youth health issues in Pennsylvania: results from the healthy PA youth survey</i> , Hershey, PA; 50 attendees, 1 hour/year
2015	Pennsylvania Department of Health, <i>Internship overview: A management perspective</i> , Harrisburg, PA; 15 attendees, .5 hours/year
2016	Penn State College of Medicine, Department of Public Health Sciences, <i>PA youth tobacco survey & public health jobs with the PA Department of Health</i> , Hershey, PA; 25 attendees, .25 hours/year

Curriculum Vitae

Sophia I. Allen, PhD, MBA

- 2018 Penn State Cancer Institute 1st Annual Cancer Research Day, *Recruitment, enrollment, and retention of vulnerable and minority populations in a randomized controlled trial of a Standardized Research E-Cig (SREC)*, State College, PA; 100 attendees, .5 hours/year
- 2019 Penn State College of Medicine, Department of Public Health Sciences, Global Health Exchange Program, *Tobacco regulatory science*, Hershey, PA, 20 attendees, 1.25 hours/year
- 2019 Penn State Cancer Institute, 10th Annual Cancer Education Summit *Research addressing tobacco-caused disease*, Penn State Cancer Institute, Steelton, PA; 100 attendees, .5 hours/year
- 2021 25th Annual CATALYST Symposium, *What we know about vaping, e-cigarettes, & smoking cessation in our community*, Virtual, 40 attendees, .5 hours/year
- 2021 Penn State College of Medicine, Department of Public Health Sciences, Center for Research on Tobacco and Health, Monthly Meeting, *Mixed methods research to increase engagement and smoking abstinence among African Americans enrolled in quitline text messaging services*, Virtual, 20 attendees, .75 hours/year
- 2021 American Cancer Society, *Changemakers: A Virtual Series on Health Equity*, panel discussant for session on tobacco cessation in the LGBTQ community, Virtual; 342 attendees, .5 hours/year
- 2022 Penn State College of Medicine, Department of Public Health Sciences, Division of Health Services and Behavioral Research, Faculty Candidate Seminar, *Mixed methods research to increase engagement and smoking abstinence among African Americans enrolled in Quitline text messaging services*, Virtual, ~20 attendees, 1 hour

Conference Proceedings

Oral Presentations

International

1. Foulds J, Cobb CO, Yen M, Veldheer S, Brosnan P, Yingst J, Hrabovsky S, Lopez A, **Allen S**, Bullen C, Sciamanna C, Eissenberg T. "Effects of electronic cigarettes on smoking cessation in smokers with no plans to quit: a randomized placebo-controlled trial," Society for Research on Nicotine & Tobacco Europe (SRNT-E), Oslo, Norway; 2019

National

1. **Allen SI**, Anderson, EL & Keith JD, "Fostering interagency collaboration through the administration of the PA YRBS/YTS," Society for Public Health Education (SOPHE) 66th Annual Meeting, Portland, OR; 2015
2. **Allen SI** & Ochs, J, "Increasing YTS participation in schools," surveillance & evaluation webinar and coffee break series, Centers for Disease Control and

Curriculum Vitae

Sophia I. Allen, PhD, MBA

Prevention, 2015

3. Foulds J, Veldheer S, Pachas G, Hrabovsky S, **Allen SI**, Yingst J, Krebs N, Wasserman E, Zhu J, Liao J, Muscat J, Richie J, Cather C, Evins AE. "A two-site, two-arm, double-blind, parallel-group, randomized controlled trial of reduced nicotine cigarettes in smokers with mood and/or anxiety disorders," NIH Tobacco Regulatory Science Meeting, Bethesda, MD; 2018
4. Veldheer S, Liao J, Krebs N, Lester C, Hrabovsky S, **Allen SI**, Hameed A, Zhu J, Wasserman E, Pachas G, Cather C, Richie J, Muscat J, Evins AE, Foulds J. "Are smokers who switch to very low nicotine content cigarettes more likely to try to quit? Preliminary results from a randomized controlled double-blind trial in smokers with mood and anxiety disorders," NIH Tobacco Regulatory Science Meeting, Bethesda, MD; 2018
5. **Allen SI**. "Innovative smoking cessation interventions using mHealth in community health centers," NHLBI, Center for Translation Research and Implementation Science, 2018 Saunders-Watkins Leadership Workshop, Bethesda, MD; 2018
6. Hobkirk AL, Krebs NM, **Allen SI**, Muscat JE. "Assessing cotinine values and nicotine dependence among non-daily smokers," Society of Behavioral Medicine Annual Meeting, Washington, DC; 2019
7. Saxena S, Kanade Y, **Allen S**, Hobkirk A, Richie J, Nevil T, Wilson RT. "E-cigarette use, bone density and circulating vitamin D metabolites: a pilot study," APHA 147th Annual Meeting and Expo, Philadelphia, PA, abstract# 446291; 2019
8. Veldheer S, Hoglen B, Hayes M, Allen SI, Houser KR, Hobkirk AL. "If its fluff, it should be taken it out:" clinical obligations when screening for social determinants of health," Society of Behavioral Medicine 42nd Annual Meeting & Scientific Sessions, Virtual, abstract# 935732; 2021
9. Veldheer S, Hoglen B, Hobkirk AL, Allen SI, Houser K, Hayes M, Curry W. "If they're going to ask the questions, they need to address concerns": Clinical screening for social determinants of health, 49th North American Primary Care Research Group (NAPCRG) Annual Meeting, Virtual, Submission ID# 2784; 2021

Local

1. **Allen SI**. "Future Initiatives: On a Healthy Note and Point of Sale," Pennsylvania Department of Health, Tobacco Control Technical Assistance Conference, Harrisburg, PA; 2013
2. **Allen SI**. "Live Healthy PA Youth Surveys: Supporting Student Health and Achievement Keystone Health Promotion Conference, Harrisburg, PA; 2014
3. **Allen SI**. "A review of social determinants of health questions for use in clinical trials in tobacco users," 19th Annual Postdoctoral Research Symposium "Data and Dine," Virtual; 2021

Poster Presentations

International

Curriculum Vitae
Sophia I. Allen, PhD, MBA

1. **Allen SI**. "Prevalence of electronic cigarette use among Pennsylvania high school students, 2014-2015." 2017 Society for Research on Nicotine & Tobacco (SRNT) Annual Meeting, Florence, Italy, abstract# 0881-001180; 2017

National

1. Williams ML, Keith JD, Turner JM, Lorah RD & **Allen SI**, "Unique collaborations to reduce the dual risk of tobacco and diabetes, Xavier University Sixth Health Disparities Conference, New Orleans, LA, abstract# 3.2.04; 2013
2. Keith JD, Mast J, Fortunato L, **Allen SI**, McLain S & Ochs J, "Assessing a multifaceted tobacco cessation service approach," Xavier University Seventh Health Disparities Conference, New Orleans, LA, abstract# 2.04.02; 2014
3. Ingerman S, **Allen SI**, McLain S, Keith JD, Minot KO & Ochs J, "Working with housing authorities on smoke free policies," Xavier University Seventh Health Disparities Conference, New Orleans, LA, abstract# 4.01.02; 2014
4. Ingerman S, McLain S, **Allen SI**, Keith JD, Minot KO & Meyer JB, "Pennsylvania's new approach to addressing secondhand smoke exposure in multi-unit housing," American Public Health Association (APHA) 142nd Annual Meeting and Expo, New Orleans, LA, abstract# 306149; 2014
5. McLain S, Ernst A, **Allen SI**, Ingerman S, Keith JD & Ochs J, "Cross-cutting chronic disease collaborations using tobacco prevention and control infrastructure," APHA 143rd Annual Meeting and Expo, Chicago, IL, abstract# 329515; 2015.
6. **Allen SI** & Radak T, "Knowledge, attitudes, beliefs and behaviors (KABB) of diabetes among afro-caribbeans near Brooklyn, New York," APHA 143rd Annual Meeting and Expo, Chicago, IL, abstract# 335397; 2015
7. **Allen SI**, Nkrumah K, McLain S & Ochs J, "Pennsylvania's youth tobacco survey: a tool for promoting student health and achievement," APHA 143rd Annual Meeting and Expo, Chicago, IL, abstract# 336523; 2015
8. **Allen SI**, Zou C, Ochs J, Keith J, McLain S, Shanker A & Brown J, "Pennsylvania's LGBT wellness needs assessment: making an impact to reduce health disparities," Society for Public Health Education (SOPHE) 67th Annual Meeting, Charlotte, NC; abstract# 0650-000281; 2016
9. **Allen SI**, Foulds J & Guodong L, "Patterns of e-cigarette and cigarette use among middle school and high school students in Pennsylvania, 2014-2015," National Institutes of Health Tobacco Regulatory Science Conference, Bethesda, MD, abstract# AA-2; 2016
10. **Allen SI** & Veldheer, S, "Menthol cigarette use among high school students in Pennsylvania – 2014 youth tobacco survey," National Institutes of Health Tobacco Regulatory Science Conference, Bethesda, MD, abstract# 61; 2016
11. **Allen SI**, Wasserman E, Veldheer S, Yingst J, Hrabovsky S, Liao J, Krebs N, Horn K, Reinhart L, Modesto J, Frederick K, Evins AE, Richie J, Muscat J & Foulds J. "When is a cigarette not a cigarette: characteristics and behavior patterns of lighters in randomized controlled trials of reduced nicotine content cigarettes," Fall TCORS Grantee Meeting 2017, Bethesda, MD, abstract# 1200; 2017
12. Veldheer S, Yingst J, Hrabovsky S, **Allen SI**, Yen M, Cobb C, Foulds J, Eissenberg T. "Impact of electronic cigarette use on lung function (FEV1) among adult smokers attempting to reduce their cigarette consumption," Society for Research on Nicotine

Curriculum Vitae
Sophia I. Allen, PhD, MBA

- and Tobacco, Baltimore, MD, abstract# PA11-1; 2018
13. Hrabovsky S, Midya V, Veldheer S, Yingst J, **Allen SI**, Liao J, Krebs N, Evins AE, Richie J, Muscat J, Horn K, Foulds J. "The effect of usual brand cigarette rod length on cotinine levels, smoking patterns, and subjective ratings of cigarette liking in smokers switching to Spectrum research cigarettes," Society for Research on Nicotine and Tobacco, Baltimore, MD, abstract# POS3-13; 2018
 14. **Allen SI**, Wasserman E, Veldheer S, Yingst J, Hrabovsky S, Liao J, Krebs N, Horn K, Reinhart L, Modesto J, Frederick K, Evins AE, Richie J, Muscat J & Foulds J. "When is a cigarette not a cigarette: characteristics and behavior patterns of relighters in randomized controlled trials of reduced nicotine content cigarettes," Society for Research on Nicotine and Tobacco, Baltimore, MD, abstract# POS3-28; 2018
 15. Yingst J, Lester C, Veldheer S, **Allen SI**, Du P, Foulds J. "E-Cig users commonly stealth vape in places where e-cig use is prohibited," NIH Tobacco Regulatory Science Meeting, Bethesda, MD; 2018
 16. **Allen SI**, Foulds J, Liao J, Veldheer S, Gladys P, Cather C, Hrabovsky S, Hameed A, Yingst J, Zhu J, Wasserman E, Lester C, Richie JP, Muscat JE, Evins AE. "Differential retention by income in a double-blind clinical trial of reduced nicotine content cigarettes in smokers with mood and/or anxiety disorders," Society for Research on Nicotine and Tobacco, San Francisco, CA, abstract# POS5-172; 2019
 17. **Allen SI**, Foulds J, Yingst J, Krebs N, Richie JP, Muscat JE. "Relighting behavior among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," NIH Tobacco Regulatory Science Meeting, Bethesda, MD; 2019
 18. **Allen SI**, Foulds J, Liao J, Veldheer S, Pachas G, Cather C, Hrabovsky S, Hameed A, Yingst J, Zhu J, Wasserman E, Lester C, Richie J, Muscat J, Evins AE. "Addressing social determinants of health among smokers with mood and/or anxiety disorders in a randomized trial of reduced nicotine content cigarettes," American Public Health APHA 147th Annual Meeting and Expo, Philadelphia, PA, abstract# 431418; 2019
 19. **Allen SI**, Foulds J, Yingst J, Hrabovsky S, Krebs N, Richie J, & Muscat J. "Cigarette relighting among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," Case Western Reserve University, Case Comprehensive Cancer Center, Cancer Disparities Symposium, Cleveland, OH, abstract/poster# 31; 2020
 20. **Allen SI**, Foulds J, Yingst J, Hrabovsky S, Krebs N, Richie J, & Muscat J. "Relighting behavior among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," Society for Research on Nicotine and Tobacco, New Orleans, LA, abstract# 2020-A-82, poster #12; 2020
 21. **Allen SI**, Veldheer S, Hobkirk AL, Yingst J, Foulds F. "A review of social determinants of health questions for use in clinical trials in tobacco users," Society for Research on Nicotine and Tobacco, Virtual, abstract# 2021-A-1764-SRNT, poster# C-046; 2021
 22. Savreen S, Hoglen B, Houser KR, Bordner C, Krebs NM, Yingst JM, Foulds J, **Allen SI**, Hobkirk AL. "A survey assessment of dual nicotine and cannabis e-cigarette users," Society for Research on Nicotine and Tobacco, Virtual, poster# RR-39; 2021

Curriculum Vitae
Sophia I. Allen, PhD, MBA

23. **Allen SI**, Foulds, J, Richie JP, Liao J. "Mixed methods research to increase engagement and smoking abstinence among African Americans enrolled in Quitline text messaging services," National Institute on Drug Abuse (NIDA), National Institute on Alcohol Abuse and Alcoholism, and National Institute on Mental Health Diversity Supplement Professional Development Workshop, Virtual, poster# 2; 2021
24. Krebs NM, Lin W, **Allen SI**, Horn K, Zhu J, Foulds J, Evins AE, Muscat J. "Does race moderate the effects of reduced nicotine content cigarettes among smokers?" Vermont Center on Behavior & Health, The University of Vermont, 9th Annual Conference, Virtual; 2021
25. Krebs NM, D'Souza G, Bordner C, **Allen SI**, Hobkirk AL, Foulds J, Yingst JM. "COVID-19 vaccination uptake and perceptions among current tobacco users," Society for Research on Nicotine and Tobacco, Baltimore, MD, abstract# 292; 2022
26. **Allen SI**, Krebs NM, Bordner C, D'Souza G, Hobkirk AL, Foulds J, Yingst JM. "Quitting smoking during the COVID-19 pandemic: a call for tobacco control readiness," Society for Research on Nicotine and Tobacco, Baltimore, MD, abstract# 2022-RR-2496-SRNT, poster# PS5-064; 2022

Local

1. **Allen SI**, Foulds J, Liu G. "Frequency of tobacco use among middle and high school students in Pennsylvania, Youth Tobacco Survey, 2014-2015," 3rd Annual Penn State Public Health Day Symposium, Summerdale, Pennsylvania; 2016
2. **Allen SI**, Foulds J, & Liu G. "Frequency of tobacco use among middle and high school students in Pennsylvania, Youth Tobacco Survey, 2014-2015," 2nd Annual Penn State Addiction Symposium, Hershey, PA; 2016
3. **Allen SI**, Veldheer S & Foulds J. "Menthol cigarette use among high school students in Pennsylvania, 2014-2015 Youth Tobacco Survey," Penn State University College of Medicine 15th Annual Data & Dine Postdoctoral Research Symposium, Hershey, PA, abstract# 1; 2017
4. **Allen SI**, Veldheer S & Foulds J. "Menthol cigarette use among high school students in Pennsylvania, 2014-2015 Youth Tobacco Survey," 3rd Annual Penn State Addiction Symposium, Hershey, PA, abstract# 7; 2017
5. **Allen SI**, Wasserman E, Veldheer S, Yingst J, Hrabovsky S, Liao J, Krebs N, Horn K, Reinhart L, Modesto J, Frederick K, Evins AE, Richie J, Muscat J & Foulds J. Characteristics of adult cigarette smokers, relighting behavior, and exposure to tobacco smoke constituents," 16th Annual Data & Dine Postdoc Research Symposium, Hershey, PA, poster #1; 2018
6. **Allen SI**, Wasserman E, Veldheer S, Yingst J, Hrabovsky S, Liao J, Krebs N, Horn K, Reinhart L, Modesto J, Frederick K, Evins AE, Richie J, Muscat J & Foulds J. Characteristics of adult cigarette smokers who "relight" and the effects of exposure to tobacco smoke constituents," Penn State Cancer Institute 2018 Annual Retreat, Hershey, PA; 2018
7. **Allen SI**, Foulds J, Liao J, Veldheer S, Gladys P, Cather C, Hrabovsky S, Hameed A, Yingst J, Zhu J, Wasserman E, Lester C, Richie JP, Muscat JE, Evins AE. "Differential retention by income in a double-blind clinical trial of reduced nicotine content cigarettes in smokers with mood and/or anxiety disorders," 17th Annual

Curriculum Vitae

Sophia I. Allen, PhD, MBA

- Data & Dine Postdoc Research Symposium, Hershey, PA, poster #1; 2019
8. **Allen SI**, Foulds J, Liao J, Veldheer S, Gladys P, Cather C, Hrabovsky S, Hameed A, Yingst J, Zhu J, Wasserman E, Lester C, Richie JP, Muscat JE, Evins AE. "Differential retention by income in a double-blind clinical trial of reduced nicotine content cigarettes in smokers with mood and/or anxiety disorders," Penn State Consortium to Combat Substance Abuse Conference; 2019
 9. **Allen SI**, Foulds J, Yingst J, Krebs N, Richie JP, Muscat JE. "Relighting behavior among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," Penn State Cancer Institute 2019 Annual Retreat, Hershey, PA; 2019
 10. **Allen SI**, Foulds J, Yingst J, Krebs N, Richie JP, Muscat JE. "Relighting behavior among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," Penn State Cancer Institute 2nd Annual Cancer Research Day, State College, PA; 2019
 11. **Allen SI**, Foulds J, Yingst J, Krebs N, Richie JP, Muscat JE. "Cigarette relighting among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," Penn State 5th Annual Addiction Symposium, Hershey, PA; 2019
 12. **Allen SI**, Foulds J, Yingst J, Krebs N, Richie JP, Muscat JE. "Relighting behavior among vulnerable populations in randomized controlled trials of reduced nicotine content cigarettes," 18th Annual Data & Dine Postdoc Research Symposium, Hershey, PA, poster #21; 2020
 13. **Allen SI**, Veldheer S, Hobkirk AL, Yingst J, Foulds F. "A review of social determinants of health questions for use in clinical trials in tobacco users," Penn State Cancer Institute 3rd Annual Cancer Research Day, Virtual, 2020
 14. **Allen SI**, Veldheer S, Hobkirk AL, Yingst J, Foulds F. "A review of social determinants of health questions for use in clinical trials in tobacco users," Penn State 6th Annual Addiction Symposium, Virtual; 2020
 15. **Allen SI**, Veldheer S, Hobkirk AL, Yingst J, Krebs N, Foulds J. "A review of social determinants of health questions for use in clinical trials in tobacco users," 19th Annual Data & Dine Postdoc Research Symposium, Virtual; 2021
 16. **Allen SI**, Foulds J, Richie JP, Liao J. "Mixed methods research to increase engagement and smoking abstinence among African Americans enrolled in Quitline text messaging services," Penn State Cancer Institute 4th Annual Cancer Research Day, Virtual, 2021
 17. **Allen SI**, Veldheer S, Hobkirk AL, Yingst J, Foulds F. "Quitting smoking during the COVID-19 pandemic: a call for tobacco control readiness," Penn State 7th Annual Addiction Symposium, Virtual; 2021

Clinical Activities

- 2016-2021 Clinical Research Center, Penn State Health, Milton S. Hershey Medical Center.
- Venipuncture
 - Biospecimen collection (e.g., urine, exhaled breath condensate)
 - Anthropometric measurements (e.g., height, weight, hip, waist)

Curriculum Vitae

Sophia I. Allen, PhD, MBA

- Heart rate
 - Blood pressure
 - Spirometry
- 50 participants per year 50%
FTE

Administrative Service

Institutional Service

2018	Outstanding Mentor Award Committee, Penn State College of Medicine, Postdoctoral Society (4 mentor applications reviewed)
2018-2019	Secretary, Penn State College of Medicine Postdoctoral Society Executive Council
2018-2019	DrPH Program Planning Committee, Department of Public Health Sciences, Penn State College of Medicine
2019	Best Postdoctoral Scholar Award Committee Chair, Penn State College of Medicine, Postdoctoral Society (7 postdoc applications)
2019	Excellence in Career Mentoring Award Committee, Penn State College of Medicine (8 applications)
2019	Penn State Consortium to Combat Substance Abuse Grant Writing Committee, University Park, PA
2019-2020	Vice President, Penn State College of Medicine Postdoctoral Society Executive Council
2020-2021	Chair-elect, Assessments and Issues Committee, Penn State Commission for Women
2021	Selection Panel, Bond and Bradley Postdoc Travel Award, Penn State College of Medicine Postdoctoral Society
2021	Chair, Assessments and Issues Committee, Penn State Commission for Women
2021	Career Panel Session Moderator, Postdoctoral Fellows, Penn State Cancer Institute, Cancer Research Day

Local and National Service

Local Service

2013	Reviewer, Pennsylvania Department of Health (3 request for proposals reviewed for tobacco cessation contractors)
2015	Reviewer, Pennsylvania Department of Health (10 grant applications for tobacco cessation resource project reviewed)

National Service

2009-2015	Annual Survey Director, American College of Epidemiology
2012-2014	Board Member, American College of Epidemiology

Curriculum Vitae
Sophia I. Allen, PhD, MBA

2013-2014 Communications Committee, Society for Epidemiological Research
2014- Minority Affairs Committee, American College of Epidemiology

Manuscript Reviewer

2013 Ad Hoc Reviewer, Emory University (1 time per year)
2017-present Ad Hoc Reviewer, *American Journal of Public Health* (1 time per year), *BMC Public Health* (4 times per year), *Preventing Chronic Disease* (1 time per year), *Preventive Medicine* (1 time per year), *Preventive Medicine Reports* (1 time per year), *Journal of Racial and Ethnic Health Disparities* (1 time per year), *The Journal of Clinical Psychiatry* (1 time per year), *Tobacco Regulatory Science* (1 time per year), *Tobacco Use Insights* (1 time per year)

Community Service

Media & Communication

2016 LGBT HealthLink, the Network for Health Equity Blog post (Adrian Shanker), "Pennsylvania LGBT Health Disparities Presented at SOPHE." April 1, 2016. <https://blog.lgbthealthlink.org/2016/04/01/pennsylvania-lgbt-health-disparities-presented-at-sophe/>
2018 Penn State News article (Katie Bohn), "Most PA students tobacco-free, but vaping and cigarette use still a concern." February 26, 2018. <https://news.psu.edu/story/507137/2018/02/26/research/most-pa-students-tobacco-free-vaping-and-cigarette-use-still>
2018 WGAL-TV News 8 (NBC) interview (Susan Shapiro), "Teen smoking is down, some forms are on the rise." March 5, 2018. <http://www.wgal.com/article/teen-smoking-is-down-some-forms-are-on-the-rise/19124814>
2018 StaffCare.com Blog post (Jennifer Larson), "Educating Patients on the Risks of Vaping." March 14, 2018. <https://web.archive.org/web/20210120101314/https://www.staffcare.com/p/hysician-resources/risks-of-vaping/>

Teaching Service

Graduate Student Teaching

2016 Lecturer, PHS-506 Behavioral Health Intervention Strategies II 5, 2nd year MPH students – 2 contact hours/year
2017 Lecturer, PHS-506 Behavioral Health Intervention Strategies II 9, 2nd year MPH students – 2 contact hours/year
2018 Lecturer, PHS-506 Behavioral Health Intervention Strategies II 4, 2nd year MPH students – 2 contact hours/year
2018 Teaching Assistant, PHS-504 Behavioral Health Intervention Strategies I

Curriculum Vitae

Sophia I. Allen, PhD, MBA

	15, MPH/DrPH students – 300 contact hours/year
2018-2019	Instructor & Co-Director, PHS-895B Advanced Field Experience
	14, DrPH students – 300 contact hours/year
2019	Lecturer, PHS-506 Behavioral Health Intervention Strategies II
	4, 2 nd year MPH students – 2 contact hours/year
2020	Lecturer, PHS-506 Behavioral Health Intervention Strategies II
	1, 2 nd year MPH student – 1 contact hour/year
2021	Lecturer, PHS-506 Behavioral Health Intervention Strategies II
	7, 2 nd year MPH students – 1 contact hour/year
2021	Lecturer, PHS 519 Patient-Centered Research
	Graduate students - .5 contact hours/year

Mentorship

Undergraduate

2014	Erin Anderson, undergraduate student	
	80 hours	Intern, PA Department of Health
2014	Kelsey Nkrumah, undergraduate student	
	200 hours	Intern, PA Department of Health
2015	Jenna Hoffman, undergraduate student	
	240 hours	Intern, PA Department of Health

Graduate

2014	Chun Zou, MPH student	
	200 hours	Intern, PA Department of Health
2017	Diah Evasari Husnulkhotimah, DrPH student	
	135 hours	Intern, Penn State College of Medicine
2018	Tongyao Fan, DrPH student	
	4 hours	Intern, Penn State College of Medicine
2019	Sangeeta Saxena, DrPH student	
	4 hours	Intern, Penn State College of Medicine

Professional Society Memberships

2009-2020	Member, American Public Health Association
2014-2015	General Member, International Epidemiological Association
2014-2016	Student Member, Council of State and Territorial Epidemiologists
2009-present	Associate Member, American College of Epidemiology
2013-2018	Postdoc Member, Society for Epidemiologic Research
2017-present	Student/Trainee Member, Society for Research on Nicotine & Tobacco
2018-present	Associate Member, American Association for Cancer Research
2019-present	Affiliate/Postdoc Member, National Postdoctoral Association
2021-present	Affiliate Member, Cancer Control Program, Penn State Cancer Institute

Curriculum Vitae
Sophia I. Allen, PhD, MBA

2022-present	Member, Society for Ambulatory Assessment
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