

Andy SL Tan
 Associate Professor
 University of Pennsylvania
 Annenberg School for Communication
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EDUCATION:

<u>Date</u>	<u>Discipline</u>	<u>Degree</u>	<u>Institution</u>
May 2001	Medicine	MBBS	National University of Singapore Yong Loo Lin School of Medicine
December 2007	Business Administration	MBA	Johns Hopkins University Carey Business School
December 2007	Public Health	MPH	Johns Hopkins University Bloomberg School of Public Health
May 2013	Communication	PhD	University of Pennsylvania Annenberg School for Communication

POSTDOCTORAL TRAINING:

Research Fellowships

<u>Dates</u>	<u>Field of Research</u>	<u>Place</u>	<u>Title</u>
May 2013 – August 2014	Cancer communication	University of Pennsylvania Annenberg School for Communication NIH Center of Excellence in Cancer Communication Research	CECCR Postdoctoral Research Fellow

Residencies:

<u>Dates</u>	<u>Specialty</u>	<u>Hospital</u>
May 2001 – September 2001	Pediatrics (House Officer)	National University Hospital, Singapore
September 2001 – January 2002	Internal medicine (House Officer)	Singapore General Hospital
January 2002 – May 2002	Orthopedics (House Officer)	National University Hospital, Singapore
May 2002 – October 2002	Anesthesiology (Medical Officer)	Tan Tock Seng Hospital, Singapore
February 2003 – September 2004	Public Health (Medical Officer)	Preventive Medicine Branch, Headquarters Singapore Armed Forces Medical Corps

September 2004 – July 2006	Public Health (Medical Officer)	Health Promotion Board, Singapore
December 2007 – August 2008	Public Health (Medical Officer)	Health Promotion Board, Singapore

Other:

<u>Dates</u>	<u>Title</u>	<u>Organization</u>
August 13 2018 – December 7 2018	Training Institute for Dissemination and Implementation Research in Health (TIDIRH)	National Institutes of Health, Office of Behavioral and Social Sciences Research (OBSSR)

ACADEMIC APPOINTMENTS:

<u>Dates</u>	<u>Title</u>	<u>Department</u>	<u>Institution</u>
September 2014 – June 2020	Assistant Professor	Social and Behavioral Sciences	Harvard T.H. Chan School of Public Health
September 2014 – June 2020	Assistant Professor	Center for Community-Based Research, McGraw/Patterson Division of Population Sciences, Department of Medical Oncology	Dana-Farber Cancer Institute
July 2020 – June 2023	Adjunct Associate Professor	Social and Behavioral Sciences	Harvard T.H. Chan School of Public Health
July 2020 - present	Associate Professor	Annenberg School for Communication	University of Pennsylvania
July 2020 - present	Senior Fellow	Leonard Davis Institute of Health Economics	University of Pennsylvania
February 2021 – present	Full Member	Abramson Cancer Center, Tobacco and Environmental Carcinogenesis Program	University of Pennsylvania
April 2023 – present	Affiliated Faculty	The Eidos LGBTQ+ Health Initiative at the University of Pennsylvania	University of Pennsylvania

LICENSURE AND CERTIFICATION:

<u>Date</u>	<u>Type of license or certification</u>
May 2001 – Present	Singapore Medical Council Full Medical Registration

COMMITTEE SERVICE:**DEPARTMENTAL/SCHOOL AND UNIVERSITY SERVICE:**

<u>Dates</u>	<u>Name of Committee and Role</u>	<u>Institution/Organization</u>
2015 – 2016	Health Communication Concentration Steering Committee/Member	Harvard T.H. Chan School of Public Health
2016 – 2017	Health Communication Concentration Steering Committee/Co-Chair	Harvard T.H. Chan School of Public Health
January 2016	MPH Admissions Committee/Member	Harvard T.H. Chan School of Public Health
March to June 2016	Doctoral Qualifying Examination Committee/Member	Harvard T.H. Chan School of Public Health
January 2017	MPH Admissions Committee/Member	Harvard T.H. Chan School of Public Health
September 2017 – June 2020	Health Communication Concentration Steering Committee/Chair	Harvard T.H. Chan School of Public Health
September 2017 – June 2020	Cancer Prevention Fellowship Internal Advisory Board	Harvard T.H. Chan School of Public Health
January 2018	PhD Admissions Committee/Member	Harvard T.H. Chan School of Public Health
January 2019	MPH Admissions Committee/Member	Harvard T.H. Chan School of Public Health
January 2019 – June 2020	HSPH Faculty Council, standing committee SBS Faculty Representative	Harvard T.H. Chan School of Public Health
June 2019 – June 2020	Dana-Farber Cancer Institute Institutional Review Board/ Member	Dana-Farber Cancer Institute
August 2020 – May 2021	Annenberg School for Communication Events Committee	University of Pennsylvania
August 2021 – May 2022	Annenberg School for Communication Undergraduate Studies Committee	University of Pennsylvania
September 2021 – present	Penn Center for Cancer Care Innovation Advisory Group	University of Pennsylvania
December 2021 – February 2024	Penn’s Middle States Commission on Higher Education Reaccreditation Self-Study (Working Group on Supporting Personal Development)	University of Pennsylvania
January 2022 - present	Faculty Advisory Board of the Netter Center for Community Partnerships.	University of Pennsylvania
April 2022 - present	National Clinician Scholars Program Penn Advisory Board	University of Pennsylvania
August 2022 – May 2024	Provost Fellow at the Netter Center	University of Pennsylvania

August 2022 – May 2023	Annenberg School for Communication Faculty Executive Committee	University of Pennsylvania
August 2023 – May 2024	Annenberg School for Communication Graduate Studies Committee	University of Pennsylvania
December 2023 – present	Provost's Advisory Committee on Community Engaged Scholarship	University of Pennsylvania
March 2024 – May 2024	Selection committee for the Provost's Graduate Academic Engagement Fellowship at the Netter Center	University of Pennsylvania

PROFESSIONAL SOCIETIES:

<u>Dates</u>	<u>Role</u>	<u>Society Name</u>
2007 – 2008	Member	International Union for Health Promotion and Education
2008 – Present	Member	Delta Omega Honorary Society (Alpha Chapter)
2007 – Present	Member	American Public Health Association
2009 – Present	Member	International Communication Association
2010	Member	National Communication Association
2014	Member	Society of Behavioral Medicine
2020 – 2022	Advisory Committee	Society for Research on Nicotine and Tobacco, Health Disparities Network
	Co-Chair of Evaluation Subcommittee	
2022 – Present	Network Co- Chair	Society for Research on Nicotine and Tobacco, Health Equity Network

INVITED COMMITTEES:

<u>Dates</u>	<u>Role</u>	<u>Organization</u>
January 24 2023	Invited Expert Panel	National Quality Forum - High Quality Online Health Information Virtual Forum

GRANT REVIEW ACTIVITIES:

<u>Dates</u>	<u>Role</u>	<u>Organization</u>
2015	Reviewer	US Food and Drug Administration, Office of Prescription Drug Promotion
2015	Reviewer	University of Pennsylvania Tobacco Center of Regulatory Science Pilot Grants
2017	Reviewer	Cancer Research UK Population Research Committee – Project Award

2018	Reviewer	ChicagoCHEC-Chicago Cancer Health Equity (U54) Collaborative Incubator & Catalyst Grants Mechanism
2019	Reviewer	UMass Boston – Dana-Farber/Harvard Cancer Center Partnership (U54) Pilot Grants
2022	Chair	California Tobacco-Related Disease Research Program Community-Partnered Participatory Research Study Section
2023	Reviewer	Shah Family Prize for Innovative Undergraduate Student Projects
2023	Ad hoc reviewer	NIH Social Psychology, Personality, and Interpersonal Processes (SPIP) Study Section

CONSULTING ACTIVITIES:

<u>Dates</u>	<u>Role</u>	<u>Organization</u>
September 2021- March 2022	Advisory board member for a research study on attitudes, beliefs, and sexual practices of young people 18-24 years old during COVID-19	TCC Group Inc.
December 2023 – February 2024	Subject Matter Expert on Public Health Lexicon on communication lessons learned and promising practices for shifting public perceptions about the public health field	CommunicateHealth Inc.

EDITORIAL ROLES:

1. Ad hoc reviewer (selected)

Journals:

Health Communication
 Journal of Communication
 Journal of Computer-Mediated Communication
 Journal of Applied Communication Research
 Communication Methods and Measures
 Proceedings of the National Academy of Sciences
 American Journal of Public Health
 BMJ Tobacco Control
 Nicotine & Tobacco Research
 American Journal of Preventive Medicine
 Preventing Chronic Disease

Health Education and Behavior
 Social Science and Medicine
 Pediatrics

Conferences:

Society for Research on Nicotine and Tobacco Annual Meeting
 American Public Health Association (APHA) Annual Meeting
 International Communication Association

2. Other editorial roles

<u>Dates</u>	<u>Role</u>	<u>Journal</u>
2014 – 2020	Academic Editor	Medicine (Lippincott Williams & Wilkins)

OTHER PUBLIC SERVICE (for example expert testimony, interviews):

<u>Dates</u>	<u>Role</u>	<u>Committee Name</u>
2019 – 2020	Member	Commonwealth of Massachusetts Task Force to Study and Provide Recommendations Regarding the Vaping Industry

Press Interviews (selected):

- Whelan A. Vaping habits differ by race and sexual orientation among teens, study finds. *The Philadelphia Inquirer*. <https://www.inquirer.com/health/teen-vaping-racial-sexual-orientation-disparities-study-20220911.html>. Published September 12, 2022.
- Ducharme J. How Juul Hooked Kids and Ignited a Public Health Crisis. *Time*. <https://time.com/5680988/juul-vaping-health-crisis/>. Published September 19, 2019.
- Howard J. 1 in 3 teens breathe secondhand e-cigarette vapors, new research says. *CNN*. <https://www.cnn.com/2019/08/28/health/e-cigarette-secondhand-smoke-exposure-study/index.html>. Published August 28, 2019.
- Abbott B, Maloney J. Vaping Bans Raise Fear of Return to Smoking. *Wall Street Journal*. <https://www.wsj.com/articles/vaping-bans-raise-fear-of-return-to-smoking-11572013353>. Published October 25, 2019.
- Associated Press. Don't buy street vaping products, CDC, FDA warn. *NBC News*. <https://www.nbcnews.com/health/vaping/don-t-buy-street-vaping-products-cdc-fda-warn-n1048351>. Published August 30, 2019.
- Carroll L. More U.S. teens exposed to secondhand e-cigarette vapor. *Reuters*. <https://www.reuters.com/article/us-health-teens-secondhand-vapor-idUSKCN1VI2K4>. Published August 28, 2019.
- Connolly C, Kim Y-J. Mass. Officials, Researchers Sound Alarm on Vaping Risks. *NBC10 Boston*. <http://www.nbc10.com/news/local/Mass-Officials-Researchers-Sound-Alarm-on-Vaping-Risks-558699011.html>. Published August 29, 2019.
- Gailey A. How to finally kick the smoking habit - The Boston Globe. *BostonGlobe.com*. <https://www.bostonglobe.com/lifestyle/style/2018/08/15/how-finally-kick-smoking-habit/qpEg8dZASGblWCE3fRHD5J/story.html>. Published August 15, 2018.

HONORS AND DISTINCTIONS:

<u>Date</u>	<u>Name of Honor/Distinction</u>	<u>Organization</u>	<u>Description of Achievement</u>
2014	International Communication Association Health Communication Division Top Papers Award	International Communication Association	Awarded to authors of top 3 papers in the Health Communication Division
2014	Aetna Foundation Scholarship for NIH mHealth Winter Training Institute	Aetna Foundation	Awarded to early stage investigators to attend the mHealth Training Institute
2015-2017	Cancer Research Network Scholars Program	NCI Cancer Research Network	Awarded to new investigators to help develop research independence using CRN resources to conduct multi-site interdisciplinary research in cancer prevention and control
2016	Society for Research in Nicotine and Tobacco Health Disparities Network Travel Award	Society for Research in Nicotine and Tobacco	Awarded to new investigators conducting health disparities research in nicotine and tobacco control
2021	American Public Health Association Public Health Education and Health Promotion Health Equity Award	American Public Health Association	Awarded to individuals or organizations that have made significant advances in health education or health communications research, programs, or practice to improve health equity, and the elimination of health disparities at the national, state, local or international levels.
2023	2023 Provost-Netter Center Faculty-Community Partnership Award	University of Pennsylvania	Awarded to recognize sustained and productive faculty-community partnership projects.

FUNDED GRANTS:**COMPLETED GRANTS:**

- Dates: November 1 2015 to August 31 2016
- Grant Title: Tobacco norm conflicts on social networking sites and young adults' perceptions and tobacco use behaviors
 Grant Type and Number: Robert Wood Johnson Foundation (RWJF) seed grant program) through the Harvard Center for Population and Development Studies
 Role on Project: PI, total direct \$10,000
 Description of major goals: Our long-term goal is to develop evidence- and theory-based interventions to counter the effects of tobacco-related information on young adult tobacco use in the digital age and ultimately reduce young adult tobacco use. The objective in this pilot project is to lay the groundwork for this goal by establishing the construct validity of tobacco norm conflict in the context of social media among young adults.
- Dates: March 1 2016 to May 31 2016
- Grant Title: Advising Smokers about e-Cigarette Use During Tobacco Cessation Counseling
 Grant Type and Number: Cancer Research Network (CRN) Opportunity Fund
 Role on Project: Co-PI, total direct \$19,408
 Description of major goals: The objective of this Opportunity Fund study is to explore the prevalence of e-cigarette discussions during counseling encounters and characterize smokers' understanding of e-cigarettes and tobacco use intentions while participating in smoking cessation counseling with Henry Ford Health System's (HFHS) Tobacco Intervention Program (TIP). This study will provide important preliminary data, demonstrate the feasibility of the approach, and establish a working relationship between the study team members to support an R01 application.
- Dates: March 10 2015 to May 31 2017
- Grant Title: CRN4 Cancer Research Resources & Collaboration in Integrated Health Care Systems, CRN Scholars Program
 Grant Type and Number: NCI, 5 U24 CA171524 (Kushi)
 Role on Project: CRN Scholar, total direct \$16,456 per year
 Description of major goals: The CRN enhances the ability for investigators to conduct impactful, relevant cancer research in integrated health care systems and includes the CRN Scholars Program, a mentored two-year program that provides junior investigators with self-guided educational opportunities, training and support to develop independent research using CRN resources to conduct population-based multi-site and multi-disciplinary studies.
- Dates: June 1 2016 to July 31 2017
- Grant Title: Effect of the presence of e-cigarette vapor on processing for anti-vaping PSAs

Grant Type and Number: NCI and CDC, U01CA154281

Role on Project: Co-PI, total direct \$21,592

Description of major goals: This proposed project aims to investigate the short-term effects of exposure to vaping cues on anti-vaping PSAs on attention, cued-recall of ad content, smoking craving, smoking intensity, and intention to purchase e-cigarettes and combustible cigarettes through two pilot studies at separate study sites (Michigan State University and Harvard University).

Dates: April 15 2017 to
March 31 2019

Grant Title: E-Cigarette Vaping in Advertising Portrayals and Behavioral Outcomes Research (E-VAPOR Study)—A randomized controlled experiment among young adult dual-users (current smokers who use e-cigarettes)

Grant Type and Number: (NIH/FDA, R03CA212544)

Role on Project: PI, total direct \$150,000 over 2 years

Description of major goals: Our specific aims are to demonstrate the causal link between vaping portrayals in e-cigarette ads and subjective measures of urge to smoke among dual-users (QSU-brief) (Aim 1) and demonstrate the causal link between vaping portrayals in e-cigarette ads and objective measures of smoking intensity based on puffing topography measures (Aim 2). This research is significant because it will provide the first causal evidence to examine whether specific content within e-cigarette ads directly increases smoking behavior among young adults, which addresses a priority research interest of the NIH-FDA Tobacco Regulatory Science Program (the impact of tobacco marketing).

Dates: Dec 1 2018 to
Sep 30 2020

Grant Title: Project SPRING: Smoking Protective and Risk factors in Transgender and Gender Non-Conforming Groups

Grant Type and Number U54 CA156732 (Viswanath and Abel)
National Cancer Institute

Role on Project: Co-PI, total direct \$200,000 over 2 years

Description of major goals: Our specific aims are to 1) describe real-world exemplars of triggers and protective factors to avoid smoking among transgender and non-binary (TGNB) participants using the Photovoice technique; and 2) assess the feasibility of engaging with TGNB persons for research and health promotion using online social media (Facebook and Instagram) in the greater Boston area.

September 1 2020 to
August 31 2022

Grant Title: Public Health Impact of Flavored Tobacco Bans on Youth and Adult Tobacco Use

Grant Type and Number: NIH R21 DA052421

Role on Project: PI, total direct \$275,000

Description of major goals:

Our long-term goals are to prevent all forms of tobacco product use among youth and assist youth and adult tobacco users with

evidence-based cessation treatments. The objectives of this study are to estimate the initial impacts of the new Massachusetts law on tobacco use behaviors among youth and adults and quit attempts among adults in Massachusetts compared with four adjacent New England states and to identify the barriers and facilitators during the initial period of implementing the Massachusetts law. Our specific aims are: 1) Estimate the pre- and post-law changes in youth and adult use of tobacco products and adult quit attempts in Massachusetts compared with 4 control states (NH, VT, RI, and CT), 2) Examine the post-law trends in youth and adult use of tobacco products and adult quit attempts in Massachusetts and 4 control states (NH, VT, RI, and CT), and 3) Identify policy implementation facilitators and barriers among key stakeholders in Massachusetts.

July 1 2021 to June 20
2022

Grant Title: Project PLUS – Promoting Lung Cancer Screening Among Screening-Eligible Individuals in Environmentally Burdened Communities Through Enhanced Risk Communication
Grant Type and Number: Abramson Cancer Center’s NCI Cancer Center Support Grant

Role on Project: Co-PI, total direct \$50,000

Description of major goals: The objective of Project PLUS is to obtain preliminary feasibility and efficacy data on an enhanced risk communication approach designed to promote lung cancer screening (LCS) intentions among environmentally burdened communities, defined as groups that are disproportionately burdened by air pollutants and other contaminants and cancer disparities. Our specific aims are: 1) Assess perceptions of communication about zip code-level air pollution and lung cancer risks among LCS-eligible residents living in environmentally burdened communities, 2) Develop an integrated health education video targeted for LCS-eligible residents from environmentally burdened communities to promote LCS, 3) Pilot-test the effect of a health education video with individual and environmental risk communication on intention to obtain LCS compared with a control video.

February 1 2022 to
January 31 2023

Grant Title: Testing the Impact of Appeals to Diversity and Inclusion in Pediatric Clinical Research Study Enrollment Videos: A Randomized Pilot Grant Program

Grant Type and Number: Penn Medical Communication Research Institute Program Pilot

Role on Project: Co-PI, total direct \$50,000

Description of major goals: Our research objective is to identify components of video messages that motivate behavior change. The specific goal of this project focuses on evaluating the impact of video messaging with and without an inclusion appeal on a parent or guardian’s willingness to enroll their children in research studies.

February 1 2023 to February 29 2024	<p>We will accomplish this goal with two aims: 1) Assess message effectiveness and targetedness of a video inviting parents to participate in clinical trials involving their children and 2) Compare intent to enroll in a research discovery site after seeing a video with versus without an inclusion appeal—focusing on potential participants from historically marginalized groups.</p> <p>Grant Title: Project CARE – Evaluating Community-based Augmented Reality Education posters to promote pediatric influenza vaccination</p> <p>Grant Type and Number: Penn Medical Communication Research Institute Program Pilot</p> <p>Role on Project: Co-I, total direct \$50,000</p> <p>Description of Major Goals: This study will collaborate with West Philadelphia community members, a predominantly socially-disadvantaged community, to develop and assess the feasibility of an AR poster campaign promoting the pediatric (age 0-17) flu vaccine.</p>
February 1 2023 to January 31 2024	<p>Grant Title: Online health information seeking: Capturing naturalistic search strategies and test strategies to restrict encounters with misinformation</p> <p>Grant Type and Number: Penn Medical Communication Research Institute Program Pilot</p> <p>Role on Project: Co-I, total direct \$50,000</p> <p>Description of Major Goals: Participants will be provided with 5 medical topics to search and randomized to a naturalistic search group or an experimental search group in which curated websites endorsed by the medical community will be provided. Online search behavior will be recorded to determine which websites participants visit, how long participants spend searching before coming to an answer, and to quantify the diversity of viewpoints encountered during their searches.</p>
ACTIVE GRANTS: Sep 17 2019 to Aug 31 2024	<p>Grant Title: Informing Anti-Tobacco Communications with Affective and Decision Science: Application Of The Appraisal Tendency Framework</p> <p>Grant Type and Number: R01CA224545 (Rees) National Cancer Institute</p> <p>Role on Project: Co-I, total direct \$111,367 over 5 years</p> <p>Description of major goals: Our specific aims are to 1) Examine effects of emotion-inducing public service announcements on impatience for smoking reward among smokers among a nationally-representative sample of smokers and 2) Examine effects of emotion-inducing public service announcements on short (puff topography, perception of risk) and longer term outcomes (intention to quit, quit attempts), under conditions of higher or lower stress.</p>

This foundational research will provide public health agencies with a theory-guided, empirically tested framework that can inform the development of the next generation of anti-tobacco PSAs to prevent and reduce tobacco use, and enhance cessation behaviors.

Specifically, I will provide substantive expertise in health communication for this project, consult with the study team investigators on design and pre-testing of anti-tobacco PSAs, and will contribute to the design and conduct of qualitative interviews and design of the survey instrument.

Jan 15 2020 to Dec 31
2025

Grant Title: Project RESIST – Increasing Resistance to Tobacco Marketing Among Young Adult Sexual Minority Women Using Inoculation Message Approaches

Grant Type and Number: NIH R01, R01 CA237670

Role on Project: PI, total direct \$2,368,076

Description of major goals: The objectives of this study are to determine the effects of using a culturally-tailored inoculation approach to increase resilience to tobacco marketing influences among young adult SMW and obtain stakeholders' critical inputs that support later adoption and implementation. Our specific aims are: 1) Engage with key stakeholders to optimize message construction and collect pilot data to inform future intervention design, 2) Evaluate the effects of culturally tailored anti-smoking messages on young adult SMW's smoking and quitting intentions, and 3) Evaluate the effects of inoculation message type, dose, and latency on young adult SMW's resilience to tobacco marketing, smoking and quitting intentions.

May 1 2021 to April 20
2024

Grant Title: Philadelphia Community Engagement Alliance (Philly CEAL) to Address COVID-19 Inequities

Grant Type and Number: NIH 10T2HL161568

Role on Project: Strategic Communication Board Lead, total direct \$21,795

Description of major goals: The purpose of this community-engaged research project is to develop a multisectoral coalition whose mission is to reduce the unequal COVID-19 burden experienced by key populations in Philadelphia by identifying the barriers fueling this disparity and proposing intervention strategies that could improve Testing, Vaccine acceptability and uptake, and Therapeutics research (TVAT).

July 1 2021 to April 30
2026

Grant Title: Project SMART: Social Media Anti-Vaping Messages to Reduce ENDS Use Among Sexual and Gender Minority Teens

Grant Type and Number: NIH R01 DA054236

Role on Project: PI, total direct \$2,609,085

Description of major goals: The objective of Project SMART is to evaluate the effectiveness of an SGM-tailored social media intervention to prevent vaping initiation among SGM youth ages 13-18 years. Our specific aims are: 1) Explore salient beliefs and

cultural tailoring preferences related to vaping initiation among SGM youth to inform the development of social media anti-vaping messages, 2) Identify promising anti-vaping messages and cultural tailoring strategies to reduce vaping initiation among SGM youth, and 3) Evaluate the effectiveness of repeated exposure to SGM-tailored anti-vaping social media messages on subsequent vaping initiation among SGM youth.

August 1 2022 to July
31 2027

Grant Title: Advancing Cancer Care and Equity Through
Telehealth, Communication Science, and Behavioral Economics

Grant Type and Number: NIH P50CA271338

Role on Project: Co-I, total direct \$4,000,000

Description of major goals: The University of Pennsylvania Telehealth Research Center in Cancer Care (Penn TRC) will apply insights from communication science and behavioral economics to design and test innovative telehealth strategies to improve effectiveness and equity across the lung cancer care continuum, from screening to treatment to survivorship. We will achieve the following specific aims: 1) Apply concepts, strategies, tools, and methods from communication science and behavioral economics to design and test synchronous telehealth strategies, supported by asynchronous elements, to improve access, quality, outcomes, equity, and efficiency for patients across the care continuum; 2) Conduct a pragmatic randomized clinical trial to compare the effectiveness of telehealth strategies to increase shared decision making for lung cancer screening using a Sequential Multiple Assignment Randomized Trial (SMART) design; 3) Conduct two rapid-cycle pilot projects, with methods and measures aligned with the pragmatic trial, to design and test the effectiveness of telehealth to improve cancer care, identify multilevel mechanisms of action, and lay the foundation for future, more definitive pragmatic trials; and 4) Build capacity to advance a national telehealth research agenda and train the next generation of investigators with expertise in cancer care, telehealth and health equity.

January 1, 2025-
December 31, 2028

Grant Title: Empowering smoking cessation for sexual and/or gender minoritized (SGM) people in Oklahoma and the ACS South Region

Grant Type and Number: American Cancer Society Cancer Health Equity Research Center Research Scholar Grant (CHERC-RSG) (Grant 1181502, PI Julia McQuoid)

Role on Project: Consultant, total direct \$1,080,000

Description of major goals: This community-engaged Research Scholar Grant (RSG) proposal will evaluate an empowerment-based smoking cessation intervention tailored for SGM people in high-stigma places. We hypothesize that SGM-serving volunteer activities will enhance cessation support efficacy by activating empowering factors (i.e., social support, minority stress coping,

reduced internalized stigma, prosociality). Our intervention is designed to: (1) improve individual-level outcomes via high-quality, culturally tailored care; and (2) intervene at the organization-level to alleviate discrimination and other social and community determinants of SGM smoking by leveraging the volunteer activities to support local SGM-serving community partners' missions to promote SGM-welcoming living environments. This remotely delivered intervention will be deployed in 3 high-stigma, rural states: Oklahoma (OK), Arkansas (AR), and Texas (TX).

TEACHING AND MENTORING:
TEACHING IN UNIVERSITY OF PENNSYLVANIA

<u>Dates</u>	<u>Course number/Title</u>	<u>Responsibility</u>	<u>Number of students</u>	<u>Overall quality of instructor</u>	<u>Overall quality of course</u>
May 2012 – June 2012	COMM 237/Introduction to Health Communication/ College of Liberal and Professional Studies, School of Arts & Sciences	Instructor	10	3.67 (1-4 scale)	3.33 (1-4 scale)
January 2021 – May 2021	COMM 863/ Utilizing Mixed Methods in Health Communication Research/ Annenberg School for Communication	Instructor	6 (plus 1 auditor)	5 (1-5 scale)	5 (1-5 scale)
September 2021 – December 2021	COMM 522/ Introduction to Communication Research Methods/ Annenberg School for Communication	Instructor	8	4.57 (1-5 scale)	4 (1-5 scale)
January 2022 – May 2022	COMM 799/ Health Communication Inequalities in the Digital Age	Instructor	3	-	-
March 2022	National Clinician Scholars Program	Guest Lecturer	15	-	-
April 6 2022	EPID 624/ Methods in Patient Centered Outcomes and Effectiveness Research	Guest Lecturer	5	-	-
September 2022 – December 2022	COMM 3370/ Public Health Communication in the Digital Era/ Annenberg School for Communication	Instructor	33	4.16 (1-5 scale)	3.74 (1-5 scale)
Jan 2023 – May 2023	COMM 6372/ Public Health Communication Research and Evaluation in the Digital Age/	Instructor	7	(1-5 scale)	(1-5 scale)

September 2023 – December 2023	Annenberg School for Communication COMM 5220/ Introduction to Communication Research Methods/ Annenberg School for Communication	Instructor	8	4.17 (1-5 scale)	4.3 (1-5 scale)
Jan 2024 – May 2024	Independent Study/ Annenberg School for Communication	Instructor	1	-	-

TEACHING IN OTHER INSTITUTIONS

<u>Dates</u>	<u>Course number/Title</u>	<u>Responsibility</u>	<u>Institution</u>	<u>Number of students</u>	<u>Instructor quality (1-5; range across 6 domains)</u>	<u>Overall quality of course (1-5)</u>
March 2015	NURS757001/Community & Family Health Advanced Theory II	Guest Lecturer	Connell School of Nursing, Boston College	20+	-	-
2016, 2017, 2019	SBS 509/ Health Communication in the 21 st Century/ TH Chan School of Public Health	Guest Lecturer	Harvard TH Chan School of Public Health	20+	-	-
July 12, 2019	Health Policy Innovation Seminar 2019/ Shared decision making: Innovations and implementation considerations in routine practice	Guest Lecturer	Harvard TH Chan School of Public Health	20+	-	-
2016	SBS 519/ Patient-Centered Communication and Health Equity	Instructor	Harvard TH Chan School of Public Health	12	4.4 – 4.5	4.2
2017	SBS 519/ Patient-Centered Communication and Health Equity	Instructor	Harvard TH Chan School of Public Health	19	4.5 – 4.9	4.2

2018	SBS 519/ Patient-Centered Communication and Health Equity	Instructor	Harvard TH Chan School of Public Health	20	4.9 – 5.0	4.7
2019	SBS 519/ Patient-Centered Communication and Health Equity	Instructor	Harvard TH Chan School of Public Health	21	4.7 – 4.9	4.6
2020	SBS 519/ Patient-Centered Communication and Health Equity	Instructor	Harvard TH Chan School of Public Health	19	4.9 – 5.0	4.9
October 12, 2022	Contemporary Issues in Health Communication	Guest Lecturer	Johns Hopkins University Bloomberg School of Public Health	10	-	-
November 7, 2023	Social Marketing	Guest Lecturer	Rutgers School of Public Health, Department of Health Behavior, Society & Policy	10	-	-
Feb 15, 2024	Perspectives in Public Health	Guest Lecturer	New York University, School of Global Public Health	9	-	-

ADVISORY AND SUPERVISORY RESPONSIBILITIES:

Harvard TH Chan School of Public Health

<u>Dates</u>	<u>Name of trainee</u>	<u>Type of supervision</u>
<u>Undergraduate</u>		
2017	Ameina Mosley	U54 Summer Internship
2019	Noon Elhassan	U54 Summer Internship
2019	Raquel Jones	U54 Summer Internship
<u>Graduate Advisees (MPH)</u>		
2015-2017	Alexandra Columbus	MPH Advisor
2015-2016	Christopher Knapp	MPH Advisor
2015-2016	Katherine Bakke	MPH Advisor
2016-2018	Lauren Southwick	MPH Advisor
2016-2017	Pritha Chatterjee	MPH Advisor
2016-2017	A. Katinka Hakuta	MPH Advisor
2017-2018	Griffin Gorsky	MPH Advisor
2017-2018	Priya Pathak	MPH Advisor
2017-2019	Emily Howell	MPH Advisor
2017-2019	Rebecca Oran	MPH Advisor
2018-2019	Stephen Wang	MPH Advisor
2018-2019	Nida Virani	MPH Advisor
2018-2019	Maria Iqbal	MPH Advisor
2018-2019	Jeanette Schnierle	MPH Advisor
2018-2019	Jeri Youngsahng Suh	MPH Advisor
2019-2020	Taha Khan	MPH Advisor
2019-2020	Gabriella Herrera	MPH Advisor
2019-2020	Deepa Manjanatha	MPH Advisor
2019-2020	Miguel Cid	MPH Advisor
2019-2020	Hye Young Choi	MPH Advisor
<u>Pre-doctoral</u>		
2014-2016	Hana Hayashi	Doctoral Dissertation Committee Member (now Asia Pacific Director, McCann Public Health and Eisenhower Fellow)
2018-2020	Ian Leavitt	PhD Advisee (left the program)
2018-2020	Allison Baker	Doctoral Dissertation Committee Member
2019-present	Ella Douglas-Durham	Doctoral Dissertation Committee Co-Chair (now Epidemiologist at Boston Public Health Commission)
2020-present	Jessica Liu	Doctoral Dissertation Committee Member (now Postdoctoral Fellow at Stanford University)

Postdoctoral

2017-2020	Stella Lee	Cancer Prevention Fellowship Program Postdoctoral research fellow (now Assistant Professor at Konkuk University)
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Annenberg School for Communication

<u>Dates</u>	<u>Name of trainee</u>	<u>Type of supervision</u>
<u>Undergraduate</u>		
2021	Gabriela Mondes de Oca	Penn Undergraduate Research Mentorship program
2021	Oulaya Louaddi	Penn Undergraduate Research Mentorship program
2021-	Jackson C Klingelhofer	Undergraduate Communication Major
2021-	Sohyun Moon	Undergraduate Communication Major
2021-	Anika Prakash	Undergraduate Communication Major
2021-	Emily B Schwartz	Undergraduate Communication Major
2021-	Alexandra Riley	Undergraduate Communication Major
2021-	Isabelle Rorh	Undergraduate Communication Major
2021-	Caitlin Cook	Undergraduate Communication Major
2022-	Oscar Vasquez	Undergraduate Communication Major Research Assistant for VR project on COVID-19 pediatric vaccination
2022	Erika Kurre	Penn Undergraduate Research Mentorship program
2022	Oluwapelumi Oloyede	Penn Undergraduate Research Mentorship program
2022-2023	Jeffrey Fishman	Undergraduate Communication Major Thesis Advisor
2023	Mi-Lan Hoang	MINDCore Summer Fellowship Program
2023-2024	Ivy Lo	Penn First Plus's Gateway Student Mentor Program
2023-2024	Filip Manjevic	Penn First Plus's Gateway Student Mentor Program
<u>Pre-doctoral</u>		
2020-	David Sebastian Cordero	PhD Advisee 2021 Penn Netter Center Summer Penn Graduate Community-Engaged Research Mentorship
2020-2021	Mary Elizabeth Andrews	Predocctoral research fellow Doctoral Dissertation Committee Member (now IDEA Fellow at Stony Brook University School of Communication and Journalism)

2020-2021	Leeann Siegel	Doctoral Dissertation Committee Member (now a Communication Research Scientist at RTI International)
2020-2021	Kwanho Kim	Doctoral Dissertation Committee Member (now postdoctoral fellow at the Department of Communication, Cornell University)
2020-2023	Ava Kikut	Provost's Graduate Academic Engagement Fellowship Independent Research Doctoral Dissertation Committee Member (now a postdoctoral fellow in the Harvard Cancer Prevention Fellowship program)
2021-2023	Emma Jesch	Doctoral Dissertation Committee Member Teaching Fellow (COMM 522) (now a postdoctoral fellow in the Cancer Prevention Fellowship Program at NCI)
2021-	Brittany Zulkiewicz	PhD Advisee 2023 Penn Netter Center Summer Penn Graduate Community-Engaged Research Mentorship Teaching Fellow (COMM 3370)
2022- 2022-	Darin Johnson Danielle Clark	Doctoral Dissertation Committee Member Predoctoral research fellow 2022 Penn Netter Center Summer Penn Graduate Community-Engaged Research Mentorship Teaching Fellow (COMM 5220) Doctoral Dissertation Committee
2022 - 2022 -	Katherine Okker-Edging Qijia Ye	Predoectional research fellow Predoectional research fellow
<u>Postdoctoral</u>		
August 2021 – July 2023	Sixiao (Vivian) Liu	Postdoctoral research fellow (now Assistant Professor in University of Central Florida)
July 2023 – present	Jiaxi Wu	Postdoctoral research fellow
<u>Junior Faculty</u>		
August 2021 – present	Allegra Gordon (Co- mentor for K01	Assistant Professor at Boston University
2023 -	Leisha Elmore (Co- mentor for ACS Clinician Scientist Development Grant)	Assistant Professor at Penn Medicine

June 2023 Dale Dagar Maglalang Assistant Professor at New York
(Coach for the University Silver School of Social Work
NIDA Diversity Scholars
Network (NDSN))

INVITED PRESENTATIONS:

<u>Dates</u>	<u>Title or topic of presentation</u>	<u>Organization/Location</u>
October 15 2012	Health information engagement and its role in cancer survivorship	Ohio State University School of Communication, Invited Speaker
June 2 2013	Direct-to-consumer advertising: Implications for health information seeking and communication inequalities in cancer care	University of Hawaii Cancer Center, Cancer Prevention and Control Program, Invited Speaker
June 4 2014	Exposure to consumer advertising: Implications for cancer prevention and control	Johns Hopkins University Bloomberg School for Public Health, Department of Health, Behavior and Society, Invited Speaker
June 1 2015	Is Exposure To E-cigarette Communication Associated With Perceived Harms Of E-cigarette Secondhand Vapor?	FDA Public Workshop on E-cigarettes/ Washington, DC, Invited Panelist
October 21 2015	Electronic Cigarettes: Trends and Patterns of Use	Food and Drug Law Institute 2015 FDA Regulation of Tobacco Products Conference/ Washington, DC, Invited Panelist
April 27, 2017	National Minority Cancer Awareness Community Health Talk - Enhancing Patient-Centered Communication to Address Health Disparities	Mattapan Community Health Center/ Boston, MA, Invited Speaker
March 1, 2018	E-VAPOR: E-Cigarette Vaping in Advertising Portrayals and Behavioral Outcomes Research	Massachusetts General Hospital Tobacco Research and Treatment Center Research Seminar, Invited Speaker
August 23, 2019	Conceptualizing and Operationalizing Cancer Misinformation on Social Media in the Tobacco Control Context	National Cancer Institute, Trust and Misinformation in the Age of Social Media Working Group, Invited Panelist
October 17, 2018	Integrating Communication Research and Tobacco Regulatory Science – Implications for Policy and Practice	Johns Hopkins University Bloomberg School for Public Health, Center for Mental Health and Addiction Policy

October 5, 2019	Communicating about Cannabis and E-Cigarette Use in Primary Care Settings	Lecture Series, Invited Speaker Harvard Medical School Center for Primary Care 2019 Primary Care Conference, Invited Speaker
November 21, 2019	Communicating about E-cigarettes, Vaping, and Public Health Consequences	Boston College Law School, Invited Speaker
September 24, 2020	Intersectionality-Informed Quantitative Approaches in Tobacco-related Health Disparities Research	SRNT Health Disparities Network Webinar, Invited Panelist
September 29, 2020	Addressing Communication Inequalities To Reduce Tobacco-related Health Disparities Among Sexual And Gender Minority Populations (link)	Stanford Women’s Health & Sex Differences in Medicine (WHSDM) Center Sex-Specific and Sex Differences in Cancer Webinar, Invited Panelist
February 10, 2021	Effects of brief exposure to misinformation on e-cigarette harms on Twitter: Results from a randomized controlled experiment (link)	The Society For Personality And Social Psychology Meeting, Health Preconference, Invited Panelist
March 16, 2021	Advancing Communication Science To Address Tobacco-related Health Disparities	Rutgers Cancer Institute of New Jersey, Cancer Prevention and Control Seminar Series, Invited Speaker
May 7, 2021	Connecting Epidemic Modeling to Society: Considerations from Public Health Communication Perspectives (link)	National Science Foundation and Gies College of Business, University of Illinois at Urbana-Champaign Bridging Disciplinary Divides for Behaviorally Modulated Mathematical Models in Human Epidemiology Conference, Invited Panelist
May 27, 2021	Perspectives on the Intersection between Health Communication and Implementation Science (link)	National Cancer Institute, Division of Cancer Control and Population Sciences, Invited Panelist
June 4, 2021	Utilizing Communication Science To Advance Health Equity Among Sexual and Gender Minority Populations	Memorial Sloan Kettering Cancer Center Psychiatry and Behavioral Sciences

June 21, 2021	Utilizing a community-engaged research framework to develop and evaluate anti-tobacco health messaging among LGBTQ populations (link)	Grand Rounds, Invited Speaker NIEHS Superfund Research Program (SRP) Risk Communication Strategies to Reduce Exposures and Improve Health Workshop, Invited Panelist
November 28, 2022	Project Resist: Community-Engaged Research to Co-design and Evaluate Tailored Anti-Smoking Messages for U.S. Young Adult Sexual Minority Women (link)	NIH Sexual and Gender Minority Research Office Scientific Webinar Series
January 26, 2023	Lessons Learnt from Community-Engaged Formative and Evaluative Research on LGBTQ-tailored Health Communication to Reduce Tobacco Use	University of California, Davis Department of Communication Speaker Series
April 12, 2023	Lessons learnt from community engaged research in tailoring anti-tobacco health campaign messages for LGBTQ+ youth and young adult populations	The Ohio State University Comprehensive Cancer Center, Center for Tobacco Research Mary Ellen Wewers Seminar Series
April 20, 2023	Community-engaged research to co-design and evaluate anti-tobacco health campaign messages for LGBTQ+ youth and young adults	Children's Hospital of Philadelphia mHealth Research Affinity Group
May 10, 2023	Developing and evaluating LGBTQ-tailored tobacco control and prevention health messaging to reduce tobacco use among LGBTQ youth and young adults	University of Minnesota, Tobacco Research Programs Seminar
September 19, 2023	Centering Communities in Dissemination Research to Promote Health Equity (link)	National Heart, Lung, and Blood Institute (NHLBI)
October 13, 2023	Co-designing anti-tobacco social media messages with LGBTQ+ youth (link)	3rd Annual Penn Medical Communication Research Institute Symposium
January 30, 2024	For youth, by youth: Authentic partnerships with youth in conducting substance use prevention and intervention research (link)	CADCA 34th Annual National Leadership Forum
April 14-17, 2024	For Youth, By Youth, With Youth: Co-designing social media messages to reduce susceptibility to vaping initiation among LGBTQ+ youth (link)	American Academy of Health Behavior 2024 Annual Scientific Meeting

BIBLIOGRAPHY:**Peer-reviewed publications**

- A. Original research (*Students or **postdoctoral trainees)
1. Ng SA, Naidu RS, **Tan ASL**, Yap M. Validation of self-reported versus measured height and weight among adult Singaporeans. *International Journal of Body Composition Research*. 2005;3(2):43-47. Role: Conducted analysis, co-wrote report.
 2. **Tan ASL**. A case study of the New York City trans-fat story for international application. *Journal of Public Health Policy*. 2009;30(1):3–16.
 3. Lee HP, Chew CT, Consigliere DT, Heng D, Huang DT, Khoo J, Khoo KS, Low J, Lui S, Ooi LL, Puvanendran R, Siow A, **Tan ASL**, Yeoh KG. Ministry of Health clinical practice guidelines: cancer screening. *Singapore Med J*. 2010;51(2):170–173. Role: Member of clinical practice guidelines committee.
 4. **Tan ASL**. Through the drinking glass: an analysis of the cultural meanings of college drinking. *Journal of Youth Studies*. 2011:1–24.
 5. **Tan ASL**. An approach to building the case for nutrition policies to limit trans-fat intake – A Singapore case study. *Health Policy*. 2011;100(2–3):264–272.
 6. **Tan ASL**, Bourgoin A, Gray SW, Armstrong K, Hornik RC. How does patient-clinician information engagement influence self-reported cancer-related problems? *Cancer*. 2011;117(11):2569–2576.
 7. **Tan ASL**, Moldovan-Johnson M, Parvanta S, Gray SW, Armstrong K, Hornik RC. Patient–clinician information engagement improves adherence to colorectal cancer surveillance after curative treatment: Results from a longitudinal study. *The Oncologist*. 2012;17(9):1155–1162.
 8. **Tan ASL**, Mello S, Hornik RC. A longitudinal study on engagement with dieting information as a predictor of dieting behavior among adults diagnosed with cancer. *Patient Education and Counseling*. 2012;88(2):305–310.
 9. Mello S, **Tan ASL**, Armstrong K, Schwartz JS, Hornik RC. Anxiety and depression among cancer survivors: The role of engagement with sources of emotional support information. *Health Communication*. 2013;28(4):389-396. Role: Conducted analysis, wrote manuscript.
 10. **Tan ASL**, Moldovan-Johnson M, Gray SW, Hornik RC, Armstrong K. An analysis of the association between cancer-related information seeking and adherence to breast cancer surveillance procedures. *Cancer Epidemiol Biomarkers Prev*. 2013;22(1):167–174.
 11. Parvanta S, Gibson L, Forquer H, Shapiro-Luft D, Dean L, Freres D, Lerman C, Mallya G, Moldovan-Johnson M, **Tan ASL**, Cappella J, Hornik R. Applying Quantitative Approaches to the Formative Evaluation of Antismoking Campaign Messages. *Social Marketing Quarterly*. 2013;19(4):242-264. Role: Contributed to writing manuscript.
 12. Moldovan-Johnson M, **Tan ASL**, Hornik RC. Navigating the cancer information environment: The reciprocal relationship between patient–clinician information engagement and information seeking from nonmedical sources. *Health Communication*. 2014;29(10):974-983. Role: Conducted analysis, co-wrote manuscript.
 13. **Tan ASL**. Potential spillover educational effects of cancer-related direct-to-consumer advertising on cancer patients’ increased information seeking behaviors: results from a cohort study. *J Canc Educ*. 2014;29(2):258-265.
 14. Forquer HA, Christensen JL, **Tan ASL**. Predicting continuance—Findings from a longitudinal study of older adults using an ehealth newsletter. *Health Communication*. 2014;29(9):937-946. Role: Conducted analysis, co-wrote manuscript.

15. **Tan ASL**, Hornik, RC. Measuring exposure to direct-to-consumer advertising—A validation study in the context of cancer-related treatment advertising. *Communication Methods and Measures*. 2014;8(1):52-78.
16. **Tan ASL**, Gibson L, Zafar HM, Gray SW, Hornik RC, Armstrong K. Associations between cancer-related information seeking and receiving PET imaging for routine cancer surveillance—An analysis of longitudinal survey data. *Cancer Epidemiol Biomarkers Prev* 2014;23(3):481-489.
17. **Tan ASL**, Bigman CA. E-cigarette awareness and perceived harmfulness: prevalence and associations with smoking-cessation outcomes. *American Journal of Preventive Medicine* 2014;47(2):141-149.
18. **Tan ASL**, Bigman CA, Sanders-Jackson A. Sociodemographic correlates of self-reported exposure to e-cigarette communications and its association with public support for smoke-free and vape-free policies: results from a national survey of US adults. *Tob Control*. 2015;24(6):574-581.
19. **Tan ASL**. A study of the frequency and social determinants of exposure to cancer-related direct-to-consumer advertising among breast, prostate, and colorectal cancer patient. *Health Communication*. 2015;30(11):1102-1111.
20. Jeong M, **Tan ASL**, Brennan E, Gibson L, Hornik RC. Talking about quitting: Interpersonal communication as a mediator of campaign effects on smokers' quit behaviors. *Journal of Health Communication*. 2015;20(10):1196-1205. Role: Conducted analysis, co-wrote manuscript.
21. Sanders-Jackson A, **Tan ASL**, Bigman CA, Henriksen L. Knowledge about e-cigarette constituents and regulation: Results from a national survey of US young adults. *Nicotine Tob Res*. 2015;17(10):1247-1254. Role: Conducted analysis, co-wrote manuscript.
22. **Tan ASL**, Bigman CA, Mello S, Sanders-Jackson A. Is exposure to e-cigarette communication associated with perceived harms of e-cigarette secondhand vapour? Results from a national survey of US adults. *BMJ Open*. 2015;5(3):e007134.
23. **Tan ASL**, Lee C, Chae J. Exposure to Health (Mis)Information: Lagged Effects on Young Adults' Health Behaviors and Potential Pathways. *J Commun*. 2015;65(4):674-698.
24. **Tan ASL**, Nagler RH, Hornik RC, DeMichele A. Evolving information needs among colon, breast, and prostate cancer survivors: Results from a longitudinal mixed-effects analysis. *Cancer Epidemiol Biomarkers Prev*. 2015;24(7):1071-1078.
25. **Tan ASL**, Lee C, Bigman CA. Public support for selected e-cigarette regulations and associations with overall information exposure and contradictory information exposure about e-cigarettes: Findings from a national survey of U.S. adults. *Preventive Medicine*. 2015;81:268-274.
26. Carter-Harris L, **Tan ASL**, Salloum RG, Young-Wolff KC. Patient-provider discussions about lung cancer screening pre- and post-guidelines: Health Information National Trends Survey (HINTS). *Patient Education and Counseling*. 2016;99(11):1772-1777. Role: Analyzed data, co-wrote manuscript.
27. Gibson L, **Tan ASL**, Freres D, Lewis N, Martinez L, Hornik RC. Nonmedical information seeking amid conflicting health information: negative and positive effects on prostate cancer screening. *Health Communication*. 2016;31(4):417-424. Role: Co-wrote manuscript.
28. Lee SJ, Brennan E, Gibson LA, **Tan ASL**, Kybert-Momjian A, Liu J, Hornik RC. Predictive validity of an empirical approach for selecting promising message topics: A randomized-controlled study. *J Commun*. 2016;66(3):433-453. Role: Interpreted data, contributed to manuscript.
29. Mello S, Bigman CA, Sanders-Jackson A, **Tan ASL**. Perceived harm of secondhand e-cigarette vapors and policy support to restrict public vaping: Results from a national survey of U.S. adults. *Nicotine Tob Res*. 2016;18(5):686-693. Role: Designed study, collected data, conducted analysis, co-wrote manuscript.

30. Mello S, **Tan ASL**. Who's Responsible? Media Framing of Pediatric Environmental Health and Mothers' Perceptions of Accountability. *Journal of Health Communication*. 2016;21(12):1217-1226. Role: Co-wrote manuscript.
31. Nishi A, Milner DA, Giovannucci EL, Nishihara R, **Tan ASL**, Kawachi I, Ogino S. Integration of molecular pathology, epidemiology and social science for global precision medicine. *Expert Review of Molecular Diagnostics*. 2016;16(1):11-23. Role: Contributed to manuscript.
32. Salloum RG, Getz KR, **Tan ASL**, Carter-Harris L, Young-Wolff KC, George Jr. TJ, Shenkman EA. Use of electronic cigarettes among cancer survivors in the U.S. *American Journal of Preventive Medicine*. 2016;51(5):762-766. Role: Interpreted data, co-wrote manuscript.
33. Sanders-Jackson A, **Tan ASL**, Bigman CA, Mello S, Niederdeppe J. To regulate or not to regulate? Views on electronic cigarette regulations and beliefs about the reasons for and against regulation. *PLOS ONE*. 2016;11(8):e0161124. Role: Conceptualized study, analyzed data, co-wrote manuscript.
34. **Tan ASL**, Lee C, Bigman CA. Comparison of beliefs about e-cigarettes' harms and benefits among never users and ever users of e-cigarettes. *Drug and Alcohol Dependence*. 2016;158:67-75.
35. Kenne DR, Fischbein RL, **Tan ASL**, Banks M. The use of substances other than nicotine in electronic cigarettes among college students. *Subst Abuse*. 2017;11:1-8. Role: Interpreted data, co-wrote manuscript.
36. **Tan ASL**, Bigman CA, Nagler RH, Minsky S, Viswanath K. Comparing perceived effectiveness of FDA-proposed cigarette packaging graphic health warnings between sexual and gender minorities and heterosexual adults. *Cancer Causes Control*. 2017;28(10):1143-1155.
37. **Tan ASL**, Lee C, Nagler RH, Bigman CA. To vape or not to vape? Effects of exposure to conflicting news headlines on beliefs about harms and benefits of electronic cigarette use: Results from a randomized controlled experiment. *Preventive Medicine*. 2017;105:97-103.
38. **Tan ASL**, Mello S, Sanders-Jackson A, Bigman CA. Knowledge about chemicals in e-cigarette secondhand vapor and perceived harms of exposure among a national sample of U.S. adults. *Risk Analysis*. 2017;37(6):1170-1180.
39. Young-Wolff KC, Klebaner D, Folck B, Carter-Harris L, Salloum RG, Prochaska JJ, Fogelberg R, **Tan ASL**. Do you vape? Leveraging electronic health records to assess clinician documentation of electronic nicotine delivery system use among adolescents and adults. *Preventive Medicine*. 2017;105:32-36. Role: Interpreted data, contributed to manuscript.
40. Zhang Q, Huhn KJ, **Tan ASL**, Douglas RE, Li HG, Murti M, Lee V. "Testing is Healthy" TimePlay campaign: Evaluation of sexual health promotion gamification intervention targeting young adults. *Can J Public Health*. 2017;108(1):85-90. Role: Interpreted data, contributed to manuscript.
41. Bigman CA, Mello S, Sanders-Jackson A, **Tan ASL**. Assertive communication about others' smoking and vaping in public venues: Results from a National Survey of US adults. *Addictive Behaviors*. 2018;87:196-199. Role: PI, conceptualized study design, interpreted data, and co-wrote manuscript.
42. Choi K, Soneji S, **Tan ASL**. Receipt of tobacco direct mail coupons and changes in smoking status in a nationally representative sample of US adults. *Nicotine Tob Res*. 2018;20(9):1095-1100. Role: Interpreted data, co-wrote manuscript.
43. Fisher KA, **Tan ASL**, Matlock DD, Saver B, Mazor KM, Pieterse AH. Keeping the patient in the center: Common challenges in the practice of shared decision making. *Patient Educ Couns*. 2018;101(12):2195-2201. Role: Conceptualized framework and co-wrote manuscript.
44. Hayashi H*, **Tan ASL**, Kawachi I, Minsky S, Viswanath K. Does segmentation really work? Effectiveness of matched graphic health warnings on cigarette packaging by race, gender and

- chronic disease conditions on cognitive outcomes among vulnerable populations. *J Health Commun.* 2018;23(6):523-533. Role: Contributed to data analysis, interpreted data, co-wrote manuscript.
45. Sanders-Jackson A, **Tan ASL**, Yie K. Effects of health-oriented descriptors on combustible cigarette and electronic cigarette packaging: an experiment among adult smokers in the United States. *Tob Control.* 2018;27(5):534-541. Role: Co-PI, designed study, interpreted data, co-wrote manuscript.
46. Soneji S, Yang J, Knutzen KE, Moran MB, **Tan ASL**, Sargent J, Choi K. Online tobacco marketing and subsequent tobacco use. *Pediatrics.* 2018;141(2):e20172927. Role: Interpreted data, co-wrote manuscript.
47. **Tan ASL**, Mazor KM, McDonald D, Lee SJ, McNeal D, Matlock DD, Glasgow RE. Designing shared decision-making interventions for dissemination and sustainment: Can implementation science help translate shared decision making into routine practice? *MDM Policy & Practice.* 2018;3(2):2381468318808503.
48. **Tan ASL**, Young-Wolff KC, Carter-Harris L, Salloum RG, Banerjee SC. Disparities in the receipt of tobacco treatment counseling within the US context of the Affordable Care Act and meaningful use implementation. *Nicotine Tob Res.* 2018;20(12):1474-1480.
49. **Tan ASL**, Rees VW, Rodgers J*, Agudile, E*, Sokol, NA*, Yie K*, & Sanders-Jackson A. Effects of exposure to anti-vaping public service announcements among current smokers and dual users of cigarettes and electronic nicotine delivery systems. *Drug and Alcohol Dependence.* 2018;188:251-258. Role: Co-PI, obtained funding.
50. Yang S, Maloney EK, **Tan ASL**, Cappella JN. When visual cues activate moral foundations: Unintended effects of visual portrayals of vaping within electronic cigarette video advertisements. *Hum Commun Res.* 2018;44(3):223-246. Role: Contributed to study conceptualization, interpreted data, co-wrote manuscript.
51. Yang S, **Tan ASL**, Hamilton K, Fischbein R, Kenne DR. Cognitive roadblock not gateway: Effects of visual vaping cues on young adults' harm perceptions. *Tobacco Regulatory Science.* 2018;4(2):88-103. Role: Designed study, interpreted data, co-wrote manuscript.
52. Young-Wolff KC, Klebaner D, Folck B, **Tan ASL**, Fogelberg R, Sarovar V, Prochaska JJ. Documentation of e-cigarette use and associations with smoking from 2012 to 2015 in an integrated healthcare delivery system. *Preventive Medicine.* 2018;109:113-118. Role: Interpreted data, co-wrote manuscript.
53. Bigman CA, Mello S, Sanders-Jackson A, **Tan ASL**. Speaking up about lighting up in public: Examining psychosocial correlates of smoking and vaping assertive communication intentions among U.S. adults. *Health Commun.* 2019;34(4):500-510. Role: Designed study, interpreted data, co-wrote manuscript.
54. Choi K, Chen JC**, **Tan ASL**, Soneji S, Moran MB. Receipt of tobacco direct mail/email discount coupons and trajectories of cigarette smoking behaviours in a nationally representative longitudinal cohort of US adults. *Tobacco Control.* 2019;28(3):282-288. Role: Interpreted data, co-wrote manuscript.
55. Hornik RC, Volinsky AC, Mannis S, Gibson LA, Brennan E, Lee, SJ, **Tan ASL**. Validating the Hornik & Woolf approach to choosing media campaign themes: Do promising beliefs predict behavior change in a longitudinal study? *Communication Methods and Measures.* 2019;13(1):60-68. Role: Interpreted data, co-wrote manuscript.
56. Lee SJ*, Sanders-Jackson A, Fallin-Bennett A, **Tan ASL**. Comparing the effects of organic, natural, and no additives labels on tobacco packaging between lesbian, gay, bisexual (LGB) and heterosexual smokers. *Addict Behav.* 2019;91:175-179. Role: Co-PI, conceptualized study design, interpreted data, co-wrote manuscript.

57. Mello S, **Tan ASL**, Sanders-Jackson A, Bigman CA. Gender stereotypes and preconception health: Men's and women's expectations of responsibility and intentions to engage in preventive behaviors. *Matern Child Health J.* 2019;23(4):459-469. Role: Conceptualized study design, interpreted data, co-wrote manuscript.
58. Moran MB, Chen-Sankey JC**, **Tan ASL**, Soneji S, Lee SJ, Choi K. Sources of awareness of JUUL e-cigarettes in 2 surveys of adults in the United States. *Am J Health Behav.* 2019;43(2):279-286. Role: Interpreted data, co-wrote manuscript.
59. Niederdeppe J, Gundersen DA, **Tan ASL**, McGinty EE, Barry CL. Embedding a wiki platform within a traditional survey: A novel approach to assess perceived argument strength in communication research. *International Journal of Communication.* 2019;13:1863-1889. Role: Conceptualized study design, interpreted data, co-wrote manuscript.
60. Sanders-Jackson A, Clayton RB, **Tan ASL**, Yie K. Testing the effect of vapor in ENDS public service announcements on current smokers and ENDS users' psychophysiological responses and smoking and vaping urge. *J Health Commun.* 2019;24(4):413-421. Role: Co-PI, obtained funding, conceptualized study design, interpreted data, co-wrote manuscript.
61. Soneji S, Knutzen KE, **Tan ASL**, Moran MB, Yang J, Sargent J, Choi K. Online tobacco marketing among US adolescent sexual, gender, racial, and ethnic minorities. *Addict Behav.* 2019;95:189-196. Role: Interpreted data, co-wrote manuscript.
62. Soneji S, Yang J, Moran MB, **Tan ASL**, Sargent J, Knutzen KE, Choi K. Engagement with online tobacco marketing among adolescents in the United States: 2013–2014 to 2014–2015. *Nicotine Tob Res.* 2019;21(7):918-925. Role: Interpreted data, co-wrote manuscript.
63. Young-Wolff KC, Adams SR, **Tan ASL**, Klebaner D, Campbell CI, Satre DD, Salloum RG, Carter-Harris L, Prochaska JJ. Disparities in knowledge and use of tobacco treatment among smokers in California following healthcare reform. *Prev Med Rep.* 2019;14:100847. Role: Interpreted data, co-wrote manuscript.
64. Jahn JL*, Bishop RA, **Tan ASL**, Agénor M. Patient-provider sexually transmitted infection prevention communication among young adult sexual minority cisgender women and nonbinary assigned female at birth individuals. *Womens Health Issues.* 2019;29(4):308-314. Role: Interpreted data, co-wrote manuscript.
65. **Tan ASL**, Bigman CA, Mello S, Sanders-Jackson A. Trends in the Prevalence of Exposure to e-Cigarette Aerosol in Public Places Among US Middle and High School Students, 2015 to 2018. *JAMA Netw Open.* 2019;2(8):e1910184-e1910184.
66. Wang SY*, **Tan ASL**, Claggett B, et al. Longitudinal associations between income changes and incident cardiovascular disease: The Atherosclerosis Risk in Communities Study. *JAMA Cardiol.* 2019;4(12):1203-1212. Role: Advisor, interpreted data, and co-wrote manuscript.
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68. *Lee SJ, Sanders-Jackson A, **Tan ASL**. Effects of current and enhanced tobacco corrective messages on smokers' intention to quit smoking and intention to purchase cigarettes. *Nicotine Tob Res.* 2020;22(4):569-575. Role: Senior author, interpreted analysis, co-wrote manuscript.
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70. **Tan ASL**, Soneji SS, Choi K, Moran MB. Prevalence of using pod-based vaping devices by brand among youth and young adults. *Tob Control*. 2020;29(4): 461-463.
71. Moran MB, Soneji S, **Tan ASL**, Choi K. Associations between exposure and receptivity to branded cigarette advertising and subsequent brand preference among US young adults. *Nicotine Tob Res*. 2020;22(6):1030-1035. Role: Interpreted data, and co-wrote manuscript.
72. Lee SJ**, Rees VW, Yossefy N*, Emmons KM, **Tan ASL**. Youth and young adult use of pod-based electronic cigarettes from 2015 to 2019: A systematic review. *JAMA Pediatr*. 2020;174(7):714-720. Role: Senior author, obtained funding, interpreted data, and co-wrote manuscript.
73. Chen-Sankey JC**, **Tan ASL**, Moran MB, Soneji S, Lee SJ, Choi K. Sources of awareness, perceptions, and use of JUUL e-cigarettes among adult cigarette smokers. *PLoS One*. 2020;15(9):e0238377. Role: Interpreted data and co-wrote manuscript.
74. Mello S, Stifano S*, **Tan AS**, Sanders-Jackson A, Bigman CA. Gendered conceptions of preconception health: a thematic analysis of men's and women's beliefs about responsibility for preconception health behavior. *J Health Commun*. 2020;25(5):374-384. Role: Conceptualized study, interpreted data, and co-wrote manuscript.
75. Tabaac AR**, Haneuse S, Johns M, **Tan ASL**, Austin SB, Potter J, Lindberg L & Charlton BM. Sexual and reproductive health information: Disparities across sexual orientation groups in two cohorts of U.S. women. *Sex Res Social Policy*. 2021;18(3):612-620. Role: Interpreted data, and co-wrote manuscript.
76. Baker AM*, Jahn JL*, Tan ASL, et al. Sexual Health Information Sources, Needs, and Preferences of Young Adult Sexual Minority Cisgender Women and Non-Binary Individuals Assigned Female at Birth. *Sex Res Social Policy*. 2021;18(3):775-787. Role: Interpreted data, and co-wrote manuscript.
77. Matlock DD, Fukunaga MI, **Tan ASL**, Knoepke C, McNeal DM, Mazor KM, Glasgow RE. Enhancing Success of Medicare's Shared Decision Making Mandates Using Implementation Science: Examples Applying the Pragmatic Robust Implementation and Sustainability Model (PRISM). *MDM Policy Pract*. 2020;5(2):2381468320963070. Role: Conceptualized paper and co-wrote manuscript.
78. Harlow AF*, Lundberg D, Raifman JR, **Tan ASL**, Streed Jr. CG, Benjamin, EM, Stokes AC. Association of coming out as lesbian, gay, and bisexual+ and risk of cigarette smoking in a nationally representative sample of youth and young adults. *JAMA Pediatr*. 2021;175(1):56-63. Role: Interpreted data and co-wrote manuscript.
79. Young-Wolff KC, Adams SR, Sterling SA, **Tan ASL**, Salloum RG, Torre K, Carter-Harris L, & Prochaska JJ. Nicotine and cannabis vaping among adolescents in treatment for substance use disorders. *Journal of Substance Abuse Treatment*. 2021;125:108304. Role: Interpreted data and co-wrote manuscript.
80. **Tan ASL**, Hanby EP, Sanders-Jackson A, Lee S, Viswanath K, Potter J. Inequities in tobacco advertising exposure among young adult sexual, racial and ethnic minorities: examining intersectionality of sexual orientation with race and ethnicity. *Tob Control*. 2021;30(1):84-93.
81. Tabaac AR**, Charlton BM, Tan ASL, Cobb CO, Sutter ME. Differences in Tobacco Product Use by Sexual Orientation and Violence Factors Among United States Youth. *J Pediatr*. 2021;233:241-248. Role: Interpreted data and co-wrote manuscript.
82. Lee J*, **Tan ASL**, Porter L, Young-Wolff KC, Carter-Harris L, Salloum RG. Association Between Social Media Use and Vaping Among Florida Adolescents, 2019. *Prev Chronic Dis*. 2021;18:E49. Role: Interpreted data and co-wrote manuscript writing.

83. Lee J*, **Tan ASL**, Porter L, Hall J, Salloum RG. Changes in Recall to E-Cigarette Advertisement Exposure among Florida Youth, 2016-2019. *Subst Use Misuse*. 2021;56(13):2078-2083. Role: Interpreted data and co-wrote manuscript.
84. Wright CL, Williams P*, Elizarova O, Dahne J, Bian J, Zhao Y*, **Tan ASL**. Effects of brief exposure to misinformation about e-cigarette harms on Twitter: A randomised controlled experiment. *BMJ Open* 2021;0:e045445. Role: Senior author, obtained funding, interpreted data, and co-wrote manuscript.
85. **Tan ASL**, Gazarian PK, Darwish S*, Hanby E, Farnham BC*, Koroma-Coker FA*, Potter J, Ballout S. Smoking Protective and Risk Factors Among Transgender and Gender-Expansive Individuals (Project SPRING): Qualitative Study Using Digital Photovoice. *JMIR Public Health Surveill*. 2021;7(10):e27417. Role: Obtained funding, interpreted data, and led manuscript writing.
86. Albarracin D, Jung H**, Song W, **Tan ASL**, Fishman J. Rather than inducing psychological reactance, requiring vaccination strengthens intentions to vaccinate in US populations. *Sci Rep*. 2021;11(1):20796. Role: Interpreted data and co-wrote manuscript writing.
87. Liu J*, Wright C, Williams P, Elizarova O, Dahne J, Bian J, Zhao Y*, **Tan ASL**. Smokers' Likelihood to Engage With Information and Misinformation on Twitter About the Relative Harms of e-Cigarette Use: Results From a Randomized Controlled Trial. *JMIR Public Health and Surveillance*. 2021;7(12):e27183. Role: Senior author, obtained funding, interpreted data, and co-wrote manuscript.
88. Liu J*, Wright C, Elizarova O, Dahne J, Bian J, **Tan ASL**. Emotional Responses and Perceived Relative Harm Mediate the Effect of Exposure to Misinformation about E-Cigarettes on Twitter and Intention to Purchase E-Cigarettes among Adult Smokers. *Int J Environ Res Public Health*. 2021;18(23):12347. Role: Senior author, obtained funding, interpreted data, and co-wrote manuscript.
89. Poghosyan H, Mello S, Robinson KN, **Tan ASL**. Worry about the future health issues of smoking and intention to screen for lung cancer with low-dose computed tomography. *Cancer Nursing*. 2022 Feb;45(1):E146-E152. Role: Interpreted data and co-wrote manuscript.
90. Ompad DC, Snyder KM*, Sandh S*, Hagen D*, Collier KJ*, Goldmann ES, Goodman MS, **Tan ASL**. Copycat and lookalike edible cannabis product packaging in the United States. *Drug Alcohol Depend*. 2022;235:109409. Role: Interpreted data, and co-wrote manuscript.
91. Tabaac AR, Johns MM, Zubizarreta D, Haneuse S, **Tan ASL**, Austin SB, Potter J, Lindberg L, Charlton BM. Associations between sexual orientation, sex education curriculum, and exposure to affirming/disaffirming LGB content in two US-based cohorts of adolescents. *Sex Education*. 2022;23(5):506-523. Role: Interpreted data and co-wrote manuscript.
92. **Tan ASL**, Weinreich E*, Padon A, Sanchez M, Snyder KM, Vasilyeva A, Sandh S, Goldmann E, Goodman M, Ompad DC. Presence of Content Appealing to Youth on Cannabis-Infused Edibles Packaging. *Subst Use Misuse*. 2022;57(8):1215-1219. Role: Analyzed and interpreted data, led manuscript writing.
93. Lee J**, **Tan ASL**. Intersectionality of Sexual Orientation With Race and Ethnicity and Associations With E-Cigarette Use Status Among U.S. Youth. *Am J Prev Med*. 2022;63(5):669-680. Role: Co-wrote manuscript, interpreted data.
94. Liu J*, Wright C, Elizarova O, Dahne J, Bian J, Philippa Williams, Brittany Zulkiewicz, **Tan ASL**. Effects of brief exposure to misinformation about e-cigarette harms on Twitter on knowledge and perceptions of e-cigarettes. *Digital Health*. 2022;8:20552076221116780. Role: Senior author, obtained funding, interpreted data, and co-wrote manuscript.

95. Shen AK, Browne S, Srivastava T*, Michel JJ, **Tan ASL**, Kornides ML. Factors Influencing Parental and Individual COVID-19 Vaccine Decision Making in a Pediatric Network. *Vaccines*. 2022;10(8):1277. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
96. Phan L**, McNeel TS, Chen-Sankey J, Niederdeppe J, **Tan ASL**, Choi K. U.S. Trends in Age of Cigar Smoking Initiation by Race/Ethnicity and Education. *Am J Prev Med*. 2022;63(4):624-629. Role: Interpreted data and co-wrote manuscript.
97. Srivastava T*, Shen AK, Browne S, Michel JJ, **Tan ASL**, Kornides ML. Comparing COVID-19 Vaccination Outcomes with Parental Values, Beliefs, Attitudes, and Hesitancy Status, 2021–2022. *Vaccines*. 2022;10(10):1632. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
98. Lee SJ, Sanders-Jackson A, **Tan ASL**. The effect of vaping cues in e-cigarette advertisements on normative perceptions about cigarettes among young adults who use cigarettes and e-cigarettes in Boston. *Drug Alcohol Depend*. 2022;241:109698. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
99. McQuoid J, Durazo A, Mooney E*, Heffner J, **Tan ASL**, Kong AY, Clifton S, Horn E. Tobacco cessation and prevention interventions for sexual and/or gender minority-identified people and the theories that underpin them: A scoping review. *Nicotine Tob Res*. 2023;25(6):1065-1073. Role: Interpreted data and co-wrote manuscript.
100. Shen AK, Browne S, Srivastava T*, Kornides ML, **Tan ASL**. Persuading the “Movable Middle”: Characteristics of effective messages to promote routine and COVID-19 vaccinations for adults and children - The impact of COVID-19 on beliefs and attitudes. *Vaccine*. 2023;41(12):2055-2062. Role: Conceptualized study, interpreted data and co-wrote manuscript.
101. Shen AK, Browne S, Srivastava T*, Kornides ML, **Tan ASL**. Trusted messengers and trusted messages: The role for community-based organizations in promoting COVID-19 and routine immunizations. *Vaccine*. 2023;41(12):1994-2002. Role: Conceptualized study, interpreted data and co-wrote manuscript.
102. Ganz O, Strasser AA, Giovenco DP, Auddrain-McGovern J, Cappella JN, Safi Z, **Tan ASL**, Talbot EM, Delnevo CD. IQOS print magazine advertising characteristics and reach before and after FDA authorisation as a modified risk tobacco product. *Tob Control*. Published online March 23, 2023;tc-2022-057741. doi:[10.1136/tc-2022-057741](https://doi.org/10.1136/tc-2022-057741) Role: Interpreted data, and co-wrote manuscript.
103. Hanby E, Gazarian PK, Potter J, Jones R*, Elhassan N*, **Tan ASL**. “I liked just that it was a communal thing”: Feasibility and acceptability of engaging with transgender and gender-diverse persons in a digital photovoice research study on commercial cigarette smoking risk and protective factors. *Digital Health*. 2023;9:20552076231169820. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
104. Liu J*, Roberts J, Reynolds MJ, Hanby E, Gundersen DG, Winickoff JP, Rees VR, Emmons KM, **Tan ASL**. Barriers and facilitators to address vaping in Massachusetts schools: a mixed-methods study of school-based stakeholders. *Transl Behav Med*. 2023;13(8):589-600. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
105. Ramanadhan S, Salvia M*, Hanby E, Revette AC, Rivard MK, Scout NFN, Applegate J, Gordon B, Machado A, Lunn MR, Obedin-Maliver J, Potter J, Chen JT, **Tan ASL**. “We’re always an afterthought”- Designing tobacco control campaigns for dissemination with and to LGBTQ +-serving community organizations: a thematic analysis. *Cancer Causes Control*. 2023;34(8):673-682. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.

106. Liu J*, **Tan ASL**, Winickoff JP, Rees VW. Correlates of adolescent sole-, dual- and poly-use of cannabis, vaped nicotine, and combusted tobacco. *Addict Behav.* 2023;146:107804. doi:[10.1016/j.addbeh.2023.107804](https://doi.org/10.1016/j.addbeh.2023.107804) Role: PhD dissertation committee member, interpreted data, co-wrote manuscript.
107. Liu J**, **Tan ASL**, Lee J. Vaping of cannabis, cannabidiol, and synthetic cannabis among US sexual minority youths. *JAMA Netw Open.* 2023;6(8):e2329041. Role: Interpreted data, co-wrote manuscript.
108. La Capria K*, Uriarte C, Elhabashy M, Menkevich M, Maxton O, Awadalla J, **Tan ASL**, Moran MB, Chen-Sankey J. Exploring the Influence of E-cigarette Ad Features on Perceived Product Appeal and Use Interest Among Young Adults of Varying Tobacco-Use Behaviors. *Nicotine Tob Res.* 2024 Feb 22;26(3):361–369. PMID: 37594249. Role: Interpreted data, co-wrote manuscript.
109. Johnson AC**, Mercincavage M, **Tan ASL**, Villanti AC, Delnevo CD, Strasser AA. Effects of reduced nicotine content cigarette advertising with warning labels and social media features on product perceptions among young adults. *J Behav Med.* 2023 Dec;46(6):948–959. PMID: 37594249. Role: Interpreted data, co-wrote manuscript.
110. Stone MD, Mercincavage M, Wileyto EP, **Tan ASL**, Audrain-McGovern J, Villanti AC, Strasser AA. Effects of cigarette package colors and warning labels on marlboro smokers' risk beliefs, product appraisals, and smoking behavior: a randomized trial. *BMC Public Health.* 2023 Oct 27;23(1):2111. Role: Interpreted data, co-wrote manuscript.
111. **Tan ASL**, Chen JT, Keen R*, Scout N, Gordon B, Applegate J, Machado A, Hanby E, Liu S**, Zulkiewicz B*, Ramanadhan S, Obedin-Maliver J, Lunn MR, Viswanath K, Potter J. Culturally tailored anti-smoking messages: A randomized trial with U.S. sexual minority young women. *Am J Prev Med.* Published online 2023 Dec 6;S0749-3797(23)00485–3. PMID: 38065403. Role: Conceptualized study, obtained funding, interpreted data, and led manuscript.
112. Liu J**, Winickoff JP, Hanby E, Rees V, Emmons KM, **Tan ASL**. Prevalence and correlates of past 30-day dual-vaping of nicotine and cannabis among adolescents in five New England states. *Drug Alcohol Depend.* Published online 2024 Jan 1;254:111055. PMID: 38071894. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
113. Zulkiewicz BA*, Winickoff JP, Gottlieb MA, Emmons KM, **Tan ASL**. “Tobacco-free nicotine” electronic cigarette perceptions and use among adolescents and adults in five New England states. *Addictive Behaviors Reports.* Published online Jan 4, 2024;100524. doi:[10.1016/j.abrep.2024.100524](https://doi.org/10.1016/j.abrep.2024.100524) Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.
114. Ganz O, Krueger EA, **Tan ASL**, Talbot E, Delnevo CD, Cantrell J. Differences in Tobacco Advertising Receptivity Among Young Adults by Sexual Identity and Sex: Findings From the Population Assessment of Tobacco and Health Study. *Annals of LGBTQ Public and Population Health [Internet].* Springer; 2024 Feb 28 [cited 2024 Mar 8]. Role: Interpreted data, co-wrote manuscript.
115. Yu H, Bauermeister JA, Oyiborhoro U, Aryal S, Lipman TH, **Tan ASL**, Glanz K, Villarruel AM, Bonett S. Trust in federal COVID-19 vaccine oversight and parents' willingness to vaccinate their children against COVID-19: a cross-sectional study. *BMC Public Health.* 2024 Mar 16;24(1):830. PMID: 38071894. Role: Interpreted data, co-wrote manuscript.
116. Liu J**, Hanby E, Kingsley M, Winickoff JP, Gundersen DA, **Tan ASL**. Dual-Vaping of Nicotine and Cannabis among Adults who Currently Use Tobacco Products in Five New England

States. *Nicotine Tob Res.* 2024 Mar 19;ntae062. PMID: 38502116. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.

117. **Tan ASL**, Mercincavage M, Young WJ, Hrywna M, Delnevo CD, Strasser AA. Perceived Relative Harm and Addictiveness Compared with Cigarettes and Intentions to Use Modified Risk Tobacco Products Utilizing FDA-Authorized Marketing Claims Among Adults in the United States. *Drug and Alcohol Dependence.* 2024 Apr 12;111291. Role: Conceptualized study, analyzed and interpreted data, and led manuscript writing.

118. **Tan ASL**, Roberts J, Liu J**, P Hanby E, Gundersen DA, Reynolds MJ*, Winickoff JP, Gottlieb MA, Emmons KM. Key Informants' Perceptions of Health Equity and Racial Justice Impacts of the 2019 Massachusetts An Act Modernizing Tobacco Control. *Nicotine Tob Res.* 2024 May 31;26(Supplement_2):S96–S102. PMID: PMC11140222. Role: Conceptualized study, obtained funding, interpreted data, and co-wrote manuscript.

Other peer-reviewed publications

1. **Tan ASL**, Soneji S, Moran MB, Choi K. JUUL Labs' sponsorship and the scientific integrity of vaping research. *The Lancet.* 2019;394(10196):366-368.
2. Dermody SS, Heffner JL, Hinds JT, McQuiod J, Quisenberry AJ, **Tan ASL**, and Vogel EA. We are in This Together: Promoting Health Equity, Diversity, and Inclusion in Tobacco Research for Sexual and Gender Minority Populations. *Nicotine Tob Res.* 2020;22(12):2276-2279. Role: Corresponding author, conceptualized and co-wrote manuscript.
3. Szumigalski KD*, **Tan ASL**, Sinaiko AD. Let's talk costs: Out-of-pocket cost discussions and shared decision making. *Patient Educ Couns.* 2020 Nov;103(11):2388–2390. Role: Conceptualized and co-wrote manuscript.
4. **Tan ASL**, Bigman CA. Misinformation About Commercial Tobacco Products on Social Media—Implications and Research Opportunities for Reducing Tobacco-Related Health Disparities. *Am J Public Health.* 2020;110(Suppl 3):S281-S283.
5. **Tan ASL**, Weinreich E*. #PuffBar: how do top videos on TikTok portray Puff Bars? *Tob Control.* 2021 Nov;30(6):712–713.
6. Salloum RG, **Tan ASL**, Thompson L. What Parents Need to Know About Teen Vaping and What They Can Do About It. *JAMA Pediatrics.* 2021;175(4):440. Role: Conceptualized and co-wrote manuscript.
7. **Tan ASL**, Potter J. How the Expansion of the U.S. Preventive Services Task Force Lung Cancer Screening Eligibility May Improve Health Equity Among Diverse Sexual and Gender Minority Populations. *LGBT Health.* 2021 Nov;8(8):503–506.
8. Shen AK, **Tan ASL**. Trust, influence, and community: Why pharmacists and pharmacies are central for addressing vaccine hesitancy. *J Am Pharm Assoc (2003).* 2022 Feb;62(1):305–308. Role: Conceptualized and co-wrote manuscript.
9. Cohen JE, Krishnan-Sarin S, Eissenberg T, Gould TJ, Berman ML, Bhatnagar A, Barnett TE, Soule E, Popova L, **Tan ASL**, Blank MD, Ling PM, O'Connor R. Balancing Risks and Benefits of E-Cigarettes in the Real World. *Am J Public Health. American Public Health Association;* 2022 Feb;112(2):e1–e2. Role: Co-wrote manuscript.
10. Liu J*, Hartman L, **Tan ASL**, Winickoff JP. Youth tobacco use before and after flavoured tobacco sales restrictions in Oakland, California and San Francisco, California. *Tob Control.* 2023;32(e1):e118-e120. Role: Conceptualized, collected data, and co-wrote manuscript.
11. **Tan ASL**, Hinds JT, Smith PH, Antin T, Lee JP, Ostroff JS, Patten C, Rose SW, Sheffer CE, Fagan P. Incorporating Intersectionality as a Framework for Equity-Minded Tobacco Control Research: A

Call for Collective Action Toward a Paradigm Shift. *Nicotine Tob Res.* 2023;25(1):73-76. Role: Conceptualized paper and led first draft of manuscript.

12. Jacobs W, Jackson A, **Tan ASL**, Martinez SA, Addicott M, Denlinger RL, Kypriotakis G, Mithi V, Patten CA, Castro Y. Perceived Impact of Society for Research on Nicotine and Tobacco Health Equity Network's Preconference Workshops on Attendees' Professional Development. *Nicotine Tob Res.* Published Online 2024 Jan 31;ntae018. PMID: 38297962 Role: Conceptualized paper, collected data, and co-wrote manuscript.
13. Patterson JG, McQuoid J, Heffner JL, Ye Q*, Ennis AC*, Ganz O, **Tan ASL**. Resonating with Pride: Considerations for Tailoring Tobacco Interventions for LGBTQ+ Communities. *Nicotine Tob Res.* 2024 Apr 18;ntae087. PMID: 38632891. Role: Conceptualized paper and co-wrote manuscript.

Non-peer reviewed publications (including preprints, books, monographs)

1. Yap M, Foo LL, **Tan ASL**, Naidu RS, Ng SA. *Report of the National Nutrition Survey 2004*. Singapore: Health Promotion Board; 2005. Available at: [http://www.hpb.gov.sg/data/hpb.home/files/whp/health_fac/resources/NNS%20Report_Final\(Merged\).pdf](http://www.hpb.gov.sg/data/hpb.home/files/whp/health_fac/resources/NNS%20Report_Final(Merged).pdf).
2. Volle J, Foreit J, Letsatsi T, **Tan ASL**. *A Baseline Survey of Multiple and Concurrent Sexual Partnerships among Basotho Men in Lesotho*. Washington DC: C-Change, Academy of Educational Development; 2009. <http://www.infocenter.nercha.org.sz/taxonomy/term/4839>. Accessed May 20, 2019.
3. Cancer Screening Workgroup. Ministry of Health clinical practice guidelines: Cancer screening. 2010. Available at: http://www.moh.gov.sg/content/moh_web/home/Publications/guidelines/cpg/2010/cancer_screening.html
4. **Tan ASL**, Gallagher TH. Discussing adverse outcomes with patients. In: Kissane D, Bultz B, Butow P, Bylund CL, Noble S, Wilkinson S, eds. *Oxford Textbook of Communication in Oncology and Palliative Care*. Second Edition. Oxford Textbooks in Palliative Medicine. Oxford, New York: Oxford University Press; 2017.
5. **Tan ASL**, Gazarian PK, Hanby EP, et al. An urgent call to address tobacco-related health disparities among sexual and gender minority populations in the COVID-19 pandemic. *Tobacco Control*. Published May 10, 2020. Accessed May 29, 2020. <https://blogs.bmj.com/tc/2020/05/10/an-urgent-call-to-address-tobacco-related-health-disparities-among-sexual-and-gender-minority-populations-in-the-covid-19-pandemic/>
6. **Tan ASL**, Title S. Perils of the tipping point of Big Tobacco 2.0 taking over the legal cannabis industry. *Tobacco Control*. Published April 10, 2021. Accessed May 14, 2021. <https://blogs.bmj.com/tc/2021/04/10/perils-of-the-tipping-point-of-big-tobacco-2-0-taking-over-the-legal-cannabis-industry/>
7. Addicott M, Hinds J, Mithi V, Kypriotakis G, Jacobs W, Martinez SA, Denlinger-Apte R, Phan L, Levy DE, Osibogun O, Mosalpuria K, Kumar DS, Czaplicki L, **Tan A**. SRNT Health Equity Network Survey on Authentic Health Disparity/Equity Research [Internet]. medRxiv; 2024 [cited 2024 Mar 29]. p. 2024.03.04.24303279. Available from: <https://www.medrxiv.org/content/10.1101/2024.03.04.24303279v1>
8. Rose SW, **Tan ASL**, Bandi P, Maddox R, Berman M, Czaplicki L, Faseru B, Frazer K, Choi K. Commercial Tobacco and Nicotine Industry-Funded Research Has No Place in SRNT and Nicotine & Tobacco Research. *Nicotine Tob Res.* 2024 May 4;ntae109. PMID: 38703079. Role: Conceptualized paper and co-first author for manuscript.

Op-Eds

1. Title S, **Tan ASL**. Big tobacco is coming for legal marijuana. *Boston Globe*. <https://www.bostonglobe.com/2021/04/08/opinion/big-tobacco-is-coming-legal-marijuana/>. Published April 8, 2021.
2. **Tan ASL**, Salloum RG. Let's make sure teens don't start vaping again. *The Hill*. <https://thehill.com/opinion/healthcare/559950-lets-make-sure-teens-dont-start-vaping-again>. Published June 25, 2021.
3. **Tan ASL**, Shen A. The danger of 'wait and see' when it comes to vaccines for kids | Expert Opinion. *The Philadelphia Inquirer*. <https://www.inquirer.com/opinion/commentary/delta-variant-covid-vaccine-children-20210708.html>. Published July 8, 2021.
4. Wright C, **Tan ASL**. Social media misinformation about e-cigarettes is harmful for smokers. *The Hill*. <https://thehill.com/opinion/healthcare/571253-social-media-misinformation-about-e-cigarettes-is-harmful-for-smokers> Published September 9, 2021.
5. Albarracin D, Fishman J, **Tan ASL**. Amid challenges to Biden's vaccine mandate, study shows they work. *The Hill*. <https://thehill.com/opinion/healthcare/581613-amid-challenges-to-bidens-vaccine-mandate-study-shows-they-work/>. Published November 17, 2021.
6. Ompad DC, **Tan ASL**. The kids are not all right — copycat cannabis edibles risk their safety. *The Hill*. <https://thehill.com/opinion/healthcare/3500640-the-kids-are-not-all-right-copycat-cannabis-edibles-risk-their-safety/>. Published May 26, 2022.
7. Juhan Lee, **Tan ASL**. Vaping epidemic among young people needs a targeted approach | Opinion. *The Philadelphia Inquirer*. <https://www.inquirer.com/opinion/commentary/vaping-epidemic-teen-target-pennsylvania-20221110.html>. Published November 10, 2022.

Blogposts

1. **Tan ASL**, Winickoff JP, Liu J. When They Can't Buy Flavored Tobacco, Kids Are Less Likely to Smoke or Vape. Penn Leonard Davis Institute of Health Economics. 2022. Available from: <https://ldi.upenn.edu/our-work/research-updates/when-they-cant-buy-flavored-tobacco-kids-are-less-likely-to-smoke-or-vape/>
2. **Tan ASL**. FDA Needs to Reboot Rules for Less Harmful Tobacco Alternatives [Internet]. Penn LDI. 2024 [cited 2024 May 22]. Available from: <https://ldi.upenn.edu/our-work/research-updates/fda-needs-to-reboot-rules-for-less-harmful-tobacco-alternatives-after-bidens-delay-of-the-menthol-ban/>

Thesis

Tan ASL. Cancer-Related Direct-to-Consumer Advertising – a Study of Its Antecedents, Influence on Patient Information Seeking Behaviors, and Contingent Effects. Philadelphia: University of Pennsylvania; 2013.

Conference Presentations (Selected, last two years only)

*Students or **postdoctoral trainees

1. Wu J**, Gordon B, Applegate J, Scout NFN, Hanby EP, Chen JT, Ye Q*, Obedin-Maliver J, Potter J, **Tan ASL**, Project Resist Team. The Effects of Gender Expression in Anti-Smoking Ads on

- LGBTQ+ Young Adults' Perceived Message Effectiveness. Society of Behavioral Medicine's 45th Annual Meeting. Philadelphia, PA; 2024.
2. **Tan ASL**, Ye Q*, Wu J**, Project Resist Team. Comparing SGM Young Adults' Perceived Targetedness & Perceived Message Effectiveness of Anti-smoking Ads Portraying Individuals Representing Masculine, Feminine, And Gender Expansive Expressions. Society for Research on Nicotine Webinar "Does my intervention need an intervention? Taking stock of culturally tailored approaches to preventing and reducing commercial tobacco use among sexual and gender minoritized populations"; 2024 Jan 12; Online.
 3. Ye Q*, Wu J**, Hanby E, Liu S, **Tan ASL**, Project Resist Team. The distinctive role of gender in tailoring anti-smoking messages for sexual and gender minority young adults. Kentucky Conference on Health Communication 2024. Lexington, Kentucky; 2024.
 4. Okker-Edging K*, Pilla J, **Tan ASL**, Salloum R, Theis R, LeLaurin J, Hanby E, Wu J**, Liu S, Pluta K**, Charlton BM, Katz-Wise SL. National, State, and Local Perspectives on Barriers to Dissemination of Sexual and Gender Minority Youth Anti-Vaping Campaigns. Kentucky Conference on Health Communication 2024. Lexington, Kentucky; 2024.
 5. Liu VS, Hanby EP, Pilla J, Wu J*, Lydon-Staley D, Strasser AA, Salloum RG, Pluta K**, LeLaurin JH, Maziak W, Katz-Wise SL, Charlton BM, Applegate J, **Tan ASL**. Perceptions of Culturally Tailored Anti-Vaping Messaging among LGBTQ+ Youth. 74th Annual Conference of the International Communication Association. Gold Coast, Australia; 2024.
 6. Ye Q*, **Tan ASL**, Project Resist Team. Perceived Targetedness of Images Intended for Tailored Anti-smoking Messages among Sexual and Gender Minority Young Adults. 2023 NIH Tobacco Regulatory Science meeting. Bethesda, MD; 2023.
 7. Gundersen D, Fredericks M, Winickoff JP, Emmons KM, **Tan ASL**. Post-law trends in youth and adult use of tobacco products and adult quit attempts in Massachusetts (MA) compared to 4 neighboring states. 2023 SRNT 29th Annual Meeting. San Antonio, TX; 2023. Role: Obtained funding, interpreted analysis, co-wrote abstract.
 8. Hanby EP, Pilla J, Katherine OE*, LeLaurin JH, Pluta K**, Bteddini D*, Salloum RG, Theis RP, **Tan ASL**. "They are seeking a coping mechanism that is healthy enough": Sexual and gender minority youth perceptions of vaping as concurrently a benefit and detriment to mental health. 2023 SRNT 29th Annual Meeting. San Antonio, TX; 2023. Role: Obtained funding, interpreted analysis, co-wrote abstract.
 9. Liu J*, Winickoff JP, Reynolds M, Hanby E, Gundersen D, Emmons KM, **Tan ASL**. Prevalence of dual use of nicotine and cannabis vaping products among youth and adults in five New England states. 2023 SRNT 29th Annual Meeting. San Antonio, TX; 2023. Role: Obtained funding, interpreted analysis, co-wrote abstract.
 10. Pluta K**, Bteddini D*, Wright S*, Theis RP, Pilla J, Hanby EP, Salloum RG, LeLaurin JH**, **Tan ASL**. Perceived benefits, costs, and reasons of vaping among sexual and gender minority adolescents: A mixed methods study. 2023 SRNT 29th Annual Meeting. San Antonio, TX; 2023. Role: Obtained funding, interpreted analysis, co-wrote abstract.
 11. Pluta K**, Salloum RG, Theis RP, Pilla J, LeLaurin JH**, Fahnlander A, Hanby EP, **Tan ASL**. What are the perceived benefits and costs of vaping tobacco among sexual and gender minority (SGM) adolescents? Society of Behavioral Medicine's 44th Annual Meeting. Baltimore, MD; 2023. Role: Obtained funding, interpreted analysis, co-wrote abstract.
 12. Roberts J, **Tan ASL**, Gundersen D, Liu J*, Hanby E, Reynolds M, Winickoff JP, Gottlieb MA, Emmons KM. Stakeholder perceptions around unforeseen impacts of the 2019 Massachusetts

tobacco flavor restriction law. 2023 SRNT Annual Meeting. San Antonio, TX; 2023. Role: Obtained funding, interpreted analysis, co-wrote abstract.

13. **Tan ASL**, Chen JT, Sanders-Jackson A, Potter J, Ramanadhan S, Lunn M, Obedin-Maliver J, Hanby EP, Liu VS**, Viswanath K, Project Resist Team. Project Resist: A randomized controlled experiment assessing effects of tailored anti-smoking messages on cigarette quitting and smoking intentions among US young adult sexual minority women. 2023 SRNT Annual Meeting. San Antonio, TX; 2023. Role: Obtained funding, presenter, led abstract.