

CURRICULUM VITAE
Jon-Patrick Allem, Ph.D., M.A
January 2, 2025

PERSONAL INFORMATION:

Business Address	Rutgers Institute for Nicotine & Tobacco Studies 303 George Street, Suite 500 New Brunswick, NJ 08901
E-mail	jon.patrick.allem@rutgers.edu, jonpatrickallem@gmail.com
Place of Birth	San Diego, CA
Citizenship	U.S.A.

EDUCATION:

2002-2007	B.A., Political Science, Minor in History, San Diego State University, San Diego, CA
2007-2009	M.A., Political Science, San Diego State University, San Diego, CA
2012-2015	Ph.D., Health Behavior Research, Keck School of Medicine of USC, Los Angeles, CA

POST-GRADUATE TRAINING:

2015-2017	Postdoctoral Fellow, Tobacco Regulatory Science, (PIs: Jonathan M. Samet, M.D., Mary Ann Pentz, Ph.D.) USC Tobacco Center of Regulatory Science for Vulnerable Populations, Keck School of Medicine of USC, Los Angeles, CA
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PROFESSIONAL APPOINTMENTS:

2023- present	Core Member , Rutgers Institute for Nicotine & Tobacco Studies, Rutgers Biomedical and Health Sciences, New Brunswick, NJ, USA
2023-present	Associate Professor of General Internal Medicine , Division of General Internal Medicine, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA
2023-present	Associate Professor of Social and Behavioral Sciences , Department of Health Behavior, Society and Policy, Rutgers School of Public Health, New Brunswick, NJ, USA
2023	Associate Professor of Research , Department of Population and Public Health Sciences, Keck School of Medicine of USC, Los Angeles, CA, USA
2019-2023	Director , Social Media Analytics (SOMA) Lab, Department of Population and Public Health Sciences, Keck School of Medicine of USC, Los Angeles, CA, USA
2018-2023	Assistant Professor of Research , Department of Population and Public Health Sciences, Keck School of Medicine of USC, Los Angeles, CA, USA
2017-2018	Research Scientist , Department of Preventive Medicine, Keck School of Medicine of USC, Los Angeles, CA, USA

- 2013-2015 **Predoctoral Trainee**, National Cancer Institute, Ruth L. Kirschstein NRSA Institutional Research Training Grant (T32), Keck School of Medicine of USC, Los Angeles, CA, USA
- 2012-2013 **Research Assistant**, Department of Preventive Medicine, Keck School of Medicine of USC, Los Angeles, CA, USA

HONORS, AWARDS:

- 2023 Creative Innovative Research Award, Department of Population and Public Health Sciences, Division of Health Behavior Research, Keck School of Medicine of USC
- 2019 Graphic Science Spotlight, Scientific American
- 2017 Top manuscript reviewer, Society for Prevention Research
- 2015 Phi Kappa Phi Honor Society
- 2014 Trainee Network Spotlight, Society for Research on Nicotine & Tobacco
- 2010 Outstanding Research Methodology Award, Department of Political Science, San Diego State University
- 2010 Prestage-Cook Award, Southern Political Science Association
- 2009 Terhune Political Science Scholarship, San Diego State University

TEACHING:

University of Southern California

- 2016 Behavioral Epidemiology: Applied Statistics for the Social Sciences, 4-unit graduate level core course, Role: Instructor
- 2013 Health Behavior Research Methods, 3-unit undergraduate course, Role: Teaching assistant
- 2012 Health Behavior Research Methods, 3-unit undergraduate course, Role: Teaching assistant
- 2011 Health Behavior Research Methods, 3-unit undergraduate course, Role: Teaching assistant

San Diego State University

- 2010 Statistics for Political Science, 3-unit graduate level core course, Role: Lab instructor
- 2010 Research Design and Analysis, 3-unit graduate level course, Role: Lab instructor
- 2010 Introduction to Statistics for Political Science, 3-unit undergraduate course, Role: Teaching assistant
- 2009 Introduction to American Politics and Government, 3-unit undergraduate course, Role: Teaching associate
- 2008 Introduction to American Politics and Government, 3-unit undergraduate course, Role: Teaching associate

UNDERGRADUATE, GRADUATE AND MEDICAL STUDENT (OR OTHER) MENTORSHIP:

2017-2019	Likhit Darmapuri, USC Viterbi, M.S. in Computer Science Mentor
2017	Sree Uppu, USC Viterbi, M.S. in Computer Science Mentor
2019-2021	Akshat Choube, USC Viterbi, M.S. in Computer Science Mentor
2019-2021	Aneesh Aithal, USC Viterbi, M.S. in Computer Science Mentor
2019	Haley Abbott, USC HP490, Directed Research Faculty Advisor
2019	Sasha Park, USC HP490, Directed Research Faculty Advisor
2019	Connor Munro, USC HP490, Directed Research Faculty Advisor
2019	Ashley Hill, USC HP490, Directed Research Faculty Advisor
2019	Tia-Marie Campbell, USC HP490, Directed Research Faculty Advisor
2019	Brittany Jordan, USC HP490, Directed Research Faculty Advisor
2020	Sheila Bonyadlou, USC HP490, Directed Research Faculty Advisor
2020	Ashkon Vaghei, USC HP490, Directed Research Faculty Advisor
2020	Dahee Woo, USC HP490, Directed Research Faculty Advisor
2020	Yannie Hoang, USC MEDS490, Directed Research Faculty Advisor
2020	Nalin Virameteekul, USC HP490, Directed Research Faculty Advisor
2021	Jared Yuan, USC HP490, Directed Research Faculty Advisor
2021	Maya Chu, USC MEDS490, Directed Research Faculty Advisor
2021	Maina Alturi, USC HP490, Directed Research Faculty Advisor
2021	Megan Saghian, USC HP490, Directed Research Faculty Advisor
2021	Kaila An, USC HP490, Directed Research Faculty Advisor
2021	Paras Sharma, USC Viterbi, M.S. in Computer Science Mentor
2021-2023	Manan Biyani, USC Viterbi, M.S. in Computer Science Mentor
2022	Jacqueline Trinh, USC HP490, Directed Research Faculty Advisor
2022	Ali Elmashat, USC HP490, Directed Research Faculty Advisor
2022	Sarah Donahue, USC HP490, Directed Research Faculty Advisor
2022	Heather Lopez, USC HP490, Directed Research Faculty Advisor
2022	Chloe Debow Krawitz, USC HP490, Directed Research Faculty Advisor
2022	Oumayma Ben Youssef, USC HP490, Directed Research Faculty Advisor
2022	Kyara Yapari, USC HP490, Directed Research Faculty Advisor
2022	Ryan Lui, USC HP490, Directed Research Faculty Advisor
2022	Ephrata Abate, USC HP490, Directed Research Faculty Advisor
2022	Sian Salazar, USC HP490, Directed Research Faculty Advisor
2022	Natasha Koneru, USC HP490, Directed Research Faculty Advisor
2022	Liam Obaid, USC HP490, Directed Research Faculty Advisor
2023	Huda Alnajjar, USC HP490, Directed Research Faculty Advisor
2023	Erin Barth, USC HP490, Directed Research Faculty Advisor

2023	Mia Chakroun, USC HP490, Directed Research Faculty Advisor
2023	Jack Petrucci, USC HP490, Directed Research Faculty Advisor
2023	Pedram Zamanpour, USC HP490, Directed Research Faculty Advisor
2023-2024	Daphni Sawyer, PRAC 0716, Practicum Capstone Faculty Advisor
2024	Saniyah Panjwani, Project SUPER Undergraduate Research Program, Faculty Advisor
2024	Jamil Fayad, Ludwig Princeton and Rutgers Cancer Institute Summer Internship Program, Faculty Advisor

GRADUATE STUDENT THESIS, EXAM AND DISSERTATION COMMITTEES:

2019-2021	Youshan Zhang, doctoral dissertation committee, Department of Computer Science, Lehigh University
2019-2020	Anuja Majmudar, doctoral dissertation committee, Department of Population and Public Health Sciences, Keck School of Medicine of USC
2020-21	Patricia Escobedo, doctoral dissertation committee, Department of Population and Public Health Sciences, Keck School of Medicine of USC
2024	Marco Zenone, doctoral exam committee, Department of Public Health, Environments & Society, London School of Hygiene & Tropical Medicine

POSTGRADUATE MENTORSHIP:

2020-present	Scott I. Donaldson, Ph.D., Senior Research Associate, Department of Population and Public Health Sciences, Keck School of Medicine of USC
2023-present	Alex M. Russell, Ph.D., Researcher, Recover Research Institute, Center for Addiction Medicine, Massachusetts General Hospital

SERVICE:

MEDICAL SCHOOL SERVICE:

2020	Faculty Judge, Medical Student Research Forum and Poster Day, Keck School of Medicine of USC
2020	Faculty Facilitator, Scholarly Project (SP) Research Workshop, Keck School of Medicine of USC
2021-2023	Full Member, USC Norris Comprehensive Cancer Center (NCCC)
2023-present	Member, Rutgers Cancer Institute of New Jersey

NATIONAL CONFERENCES:

2015	Reviewer, Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine
2016	Reviewer, Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine
2020	Reviewer, Conference on Empirical Methods in Natural Language Processing

2020	Steering Committee, Promoting Research in social media and Health Symposium (PRISM)
2021-present	Co-Chair, Promoting Research in social media and Health Symposium (PRISM)
2023	Reviewer, Fall Tobacco Center of Regulatory Science (TCORS) Grantee Meeting
2024	Reviewer, Society for Research on Nicotine and Tobacco (SRNT) Travel Scholarship

EXTERNAL UNIVERSITIES:

2023	Ad hoc reviewer for A&P committee at University of California, San Diego
2023	Ad hoc reviewer for A&P committee at Harvard Medical School
2024	Ad hoc reviewer for A&P committee at Indiana University
2024	Ad hoc reviewer for A&P committee at NYU Grossman School of Medicine

CONSULTANTSHIPS AND EXPERT WITNESS:

2011-2012	Consultant, Boston Children's Hospital
2013-2016	Consultant, San Diego State University Graduate School of Public Health
2021	Expert witness, Washington Attorney General's Office
2022-2023	Expert witness, Cooper & Kirk, PLLC

RESEARCH AND SCHOLARSHIP:**EDITORSHIPS AND EDITORIAL BOARDS:**

2017-present	Editorial Board Member, Evaluation & the Health Professions
2019-2021	Guest Editor, International Journal of Environmental Research and Public Health
2015-2017	Early-Career Mentored Editorial Board Member, Prevention Science
2021-present	Editorial Board Member, Prevention Science
2023	Guest Editor, BMC Public Health

MANUSCRIPT REVIEW:

2019	ACM Transactions on Multimedia Computing, Communications, and Applications Addiction
2021	Addiction
2018	Addiction Research & Theory
2015-present	Addictive Behaviors
2017-2020	Alcohol and Alcoholism
2016-2020	American Journal of Drug and Alcohol Abuse
2014-2020	American Journal of Health Behavior

2013-2024	American Journal of Preventive Medicine
2018-present	American Journal of Public Health
2021	Applied Clinical Informatics Journal
2020	Australian & New Zealand Journal of Public Health
2013-2020	BMJ Open
2019	Communication Research Reports
2022-2024	Computers in Human Behavior
2020	Cancer Causes & Control
2019	Development and Psychopathology
2019-2024	Digital Health
2016-2024	Drug and Alcohol Dependence
2020	Drug and Alcohol Review
2018	Emerging Infectious Diseases
2014-2024	Evaluation & the Health Professions
2018	Evidence-Based Practice in Child & Adolescent Mental Health
2015	Forum for Health Economics & Policy
2021	Frontiers in Public Health
2020	Future Generation Computer Systems
2017-2024	Health Communication
2017-2019	Health Education & Behavior
2015-2016	Health Education Journal
2020	Health Informatics Journal
2024-present	Health Promotion Practice
2020	IEEE Transactions on Computational Social Systems
2019	Information Society
2024-present	Information, Communication & Society
2020	Injury
2020	Injury Epidemiology
2019	International Journal of Adolescent Medicine and Health
2017-2024	International Journal of Drug Policy
2019-2024	International Journal of Environmental Research and Public Health
2020-2021	International Journal of Medical Informatics
2015	International Journal of Public Health
2019-present	JAMA Network Open

2015-present	JAMA Pediatrics
2015-2024	JMIR Mental Health
2015-2024	JMIR mHealth and uHealth
2018-2024	JMIR Pediatrics and Parenting
2018-2024	JMIR Public Health and Surveillance
2020-2024	JMIR Research Protocols
2013	Journal of Addiction
2023-2024	Journal of Adolescent Health
2016-2020	Journal of Affective Disorders
2020-2024	Journal of American College Health
2021	Journal of Cannabis Research
2015-2016	Journal of Child & Adolescent Substance Abuse
2020-2021	Journal of Communication in Healthcare
2018-2021	Journal of Drug Issues
2015-2018	Journal of Ethnicity in Substance Abuse
2018	Journal of Family Violence
2014-present	Journal of Medical Internet Research
2021	Journal of Political Marketing
2013	Journal of Psychoactive Drugs
2020	Journal of Public Health
2018	Journal of School Health
2020	Journal of Smoking Cessation
2016-2024	Journal of Studies on Alcohol and Drugs
2014	Journal of Substance Abuse and Alcoholism
2020	Journal of Substance Use
2020-2021	Journal of the American Medical Informatics Association
2024-present	Journal of Urban Health
2018	Journal of Youth Studies
2021	Museum Management and Curatorship
2012-present	Nicotine & Tobacco Research
2020-2024	Pediatrics
2016	Population Health Metrics
2016-2018	Preventing Chronic Disease
2015-2024	Prevention Science

2018-2024	Preventive Medicine
2016-2024	Preventive Medicine Reports
2020	Psychology and Health
2017-2018	Public Health
2017-2024	Social Media and Society
2016-2019	SSM Population Health
2021	Substance Abuse
2013	Substance Abuse and Rehabilitation
2014-2018	Substance Abuse Treatment, Prevention, and Policy
2016-2024	Substance Use and Misuse
2021	Technology in Society
2020	The Lancet Digital Health
2014-present	Tobacco Control
2017-2020	Tobacco Induced Diseases
2016-2020	Tobacco Prevention & Cessation
2015-2021	Tobacco Regulatory Science

GRANT REVIEWS:

2016	Graduate Research Fellowship Program, National Science Foundation, Alexandria, VA, USA
2019	Pilot Awards Program, DC Center for AIDS Research (DC CFAR), Washington, D.C., USA
2020	Pilot Program, University of Nebraska Medical Center Great Plains IDeA-CTR, Omaha, NE, USA
2022	Annual Funding Round, Health Research Council of New Zealand, Auckland, New Zealand

MAJOR AREAS OF RESEARCH INTEREST:

- 1) Use publicly accessible data from social media platforms, like Twitter, Instagram, TikTok, YouTube, among others, to rapidly capture and describe health-related attitudes and behaviors of the public.
- 2) Identify, quantify, and describe promotional practices of companies across various industries and determine how such practices effect offline health-related behaviors.

GRANT SUPPORT-CURRENT

Social media influences on engagement and susceptibility to non-combustible product use (contracted under USC Tobacco Center of Regulatory Science PIs: Caryn Lerman, Ph.D., Adam M. Leventhal, Ph.D.) \$2,142,970
National Cancer Institute
September 2023-August 2028
Role: Co-Investigator

Effort: 15%

Rutgers Center of Excellence in Rapid Surveillance of Tobacco
National Cancer Institute
June 2023-May2028
Role: Co-Investigator
Effort: 10%

\$17,993,293

Tobacco Industry Monitoring Evaluation (TIME) 3.0
California Department of Public Health, California Tobacco Prevention Program
May 2024-May 2027
Role: Principal Investigator
Effort 40%

\$1,800,000

GRANT SUPPORT-PAST

Pilot investigation of social influences on electronic cigarette use among emerging adults
in Southern California
USC Tobacco Center of Regulatory Science for Vulnerable Populations
March 2014-February 2015
Role: Principal Investigator

\$10,000

Enhancing e-cigarette surveillance with Twitter data
USC Tobacco Center of Regulatory Science for Vulnerable Populations
September 2016-August 2017
Role: Principal Investigator

\$20,000

The impact of online marketing strategies on tobacco product appeal among young
adults
USC Tobacco Center of Regulatory Science for Vulnerable Populations
September 2017-August 2018
Role: Principal Investigator
Effort 12%

\$40,000

Impact of vape pen placement in music videos on young adults (R01-type award)
Tobacco-Related Disease Research Program
July 2018-June 2022
Role: Principal Investigator
Effort 65%

\$962,892

The impact of cartoon-based marketing strategies on e-cigarette appeal and use among
adolescents (R01-type award)
Tobacco-Related Disease Research Program
September 2019-August 2023
Role: Principal Investigator
Effort 25%

\$1,225,843

Effects of Social Media Marketing and Messages on Tobacco Product Use and Use Transitions (contracted under Tobacco Regulatory Science Investigating the Intersections of Products with Diverse Populations PIs: Mary Ann Pentz, Ph.D., Adam M. Leventhal, Ph.D.) National Cancer Institute September 2018-August 2023 Role: Project Co-Lead/Co-PI with Jennifer B. Unger, Ph.D. Effort 30%	\$2,424,151
Tobacco Industry Monitoring Evaluation (TIME) 2.0 California Department of Public Health, California Tobacco Control Program February 2021-January 2024 Role: Principal Investigator Effort 25%	\$1,759,579
The Unvarnished Truth: Pursuing health equity by correcting disinformation targeting African Americans about the FDA’s proposed ban on menthol cigarettes and flavored cigars National Institute of Minority Health and Health Disparities Sept 2023-June 2024 Role: Co-Investigator Effort 10%	\$3,915,566

INVITED LECTURES, SYMPOSIA, KEYNOTE ADDRESSES

1. “Nonpartisan Latinos and the 2004 Presidential Election” prepared for presentation at the Western Political Science Association annual meeting, April 1-3, 2010, San Francisco, CA, USA.
2. “Role transitions and substance use among Hispanic emerging adults: a longitudinal study using coarsened exact matching” prepared for presentation at the Society for Research on Adolescence Biennial Meeting, March 31-April 2, 2016, Baltimore, MD, USA.
3. “Enhancing emerging tobacco product surveillance with novel data streams” prepared for presentation at the University of Southern California Center for Health Equity in the Americas, September 9, 2016, Los Angeles, CA, USA.
4. “Improving tobacco control with novel data streams” prepared for presentation at the California State University, Channel Islands Health Sciences Program, February 17, 2017, Camarillo, CA, USA.
5. “Challenges to mediation analysis from experimental designs” prepared for presentation at the University of Southern California Health Behavior Research Student Association (HBRSA) Speaker Series, February 24, 2017, Los Angeles, CA, USA.
6. “Enhancing emerging tobacco product surveillance with novel data streams” prepared for presentation at the Advancing Prevention in the 21st Century: Commitment to Action (P21) 2.0 conference, May 16-17, 2017, Sacramento, CA, USA.
7. “Enhancing e-cigarette surveillance with social media data” prepared for presentation at the University of Southern California Center for Applied Network Analysis (CANA), December 1, 2017, Los Angeles, CA, USA.

8. “Enhancing e-cigarette surveillance with social media data” prepared for presentation at the Promoting Research in Social Media and Health Symposium (PRISM), University of California, San Francisco Center for Vulnerable Populations, December 8, 2017, San Francisco, CA, USA.
9. “Characterizing JUUL-related posts on Twitter” prepared for presentation at the NIH Tobacco Regulatory Science Program (TRSP) Meeting, June 18-20, 2018, Bethesda, MD, USA.
10. “Could social bots pose a threat to public health?” prepared for presentation at the American Public Health Association Annual Meeting, November 14, 2018, San Diego, CA, USA.
11. “Hookah-related posts to Twitter from 2017 to 2018: thematic analysis” prepared for presentation at the Promoting Research in Social Media and Health Symposium (PRISM), University of California, San Francisco Center for Vulnerable Populations, December 7, 2018, San Francisco, CA, USA.
12. “Using social media to inform public health and policy: promises and pitfalls” prepared for presentation at the Health Communication Research Colloquium, University of North Carolina School of Media and Journalism & Lineberger Comprehensive Cancer Center, March 7, 2019, Chapel Hill, NC, USA.
13. “Drawing tobacco-related insights from social media data” prepared for presentation at the Abby Prestin Memorial Lecture, Office of Science, Center for Tobacco Products, U.S. Food and Drug Administration, July 10, 2019, Beltsville, MD, USA.
14. “Cannabis surveillance with Twitter data: emerging topics and social bots” prepared for presentation at the Promoting Research in Social Media and Health Symposium (PRISM), University of California, San Francisco Center for Vulnerable Populations, December 6, 2019, San Francisco, CA, USA.
15. “Social media and the Post-COVID-19 landscape” prepared for presentation at the Dornsife Dialogues Symposium, Dornsife College of Letters, Arts and Sciences, University of Southern California, June 4, 2020, Los Angeles, CA, USA. (Presented virtually)
16. “The impact of vape pen product placement in music videos on young adults in California” prepared for presentation at the Summer Program for Research Opportunities for Undergraduate Training (SPROUT), California State University, Los Angeles, June 16, 2021, Los Angeles, CA, USA. (Presented virtually)
17. “Identifying health-related discussion of cannabis use on Twitter” prepared for presentation at the American Public Health Association Annual Meeting, October 26, 2021, Denver, CO, USA. (Presented virtually)
18. “Funding social media research” prepared for presentation at the Promoting Research in Social Media and Health Symposium (PRISM), University of California, San Francisco Center for Vulnerable Populations, December 3, 2021, San Francisco, CA, USA.
19. “Emerging products and young people: marketing” prepared for presentation at The California Tobacco Control Program (CTCP), Emerging Products Webinar Series, June 14, 2022, Sacramento, CA, USA. (Presented virtually)

20. “An analysis of Twitter posts about the U.S. FDA’s menthol ban” prepared for presentation at the Fall Tobacco Center of Regulatory Science (TCORS) Grantee Meeting, October 24-25, 2022, Bethesda, MD, USA. (Presented virtually)
21. “Using social media to inform public health and policy” prepared for presentation at the Center for Tobacco Studies, Rutgers University, February 16, 2023, New Brunswick, NJ, USA.
22. “Digital Marketing to Children and Adolescents: Concerns and Opportunities to Address Harmful Practices” prepared for presentation at the Digital Media and Developing Minds International Scientific Congress, September 20-23, 2023, Washington D.C., USA.
23. “Social media: affordances” prepared for presentation at the Winston National Center on Technology Use, Brain, and Psychological Development Social Media Scientists’ Retreat, October 15-16, 2023, Chapel Hill, NC, USA.
24. “Corporate influences on adolescent health” prepared for presentation at the Promoting Research in Social Media and Health Symposium (PRISM), University of California, San Francisco Center for Vulnerable Populations, December 7, 2023, San Francisco, CA, USA.
25. “Using social media to understand tobacco-related education & policy: past research and future directions” prepared for presentation at the Digital Media Measurement Expert Panel, Center for Tobacco Products, U.S. Food and Drug Administration, February 28, 2024, Silver Spring, MD, USA.
26. “Social media and adolescent health” prepared for presentation at the American Academia of Health Behavior Scientific Meeting, April 14-17, 2024, Savannah, Georgia, USA. (Presented virtually)
27. “Ethical considerations when studying youth online” prepared for presentation at the Eisenhower Executive Office Building, The White House, October 15, 2024, Washington D.C., USA.
28. “The need for research on the wellness industry’s impact on health decisions” prepared for presentation at the Rutgers Cancer Institute Cancer Prevention and Control Program Seminar, November 19, 2024, New Brunswick, NJ, USA. (Presented virtually)
29. “Unsubstantiated claims in health and wellness” prepared for presentation at the Promoting Research in Social Media and Health Symposium (PRISM), University of California, San Francisco Center for Vulnerable Populations, December 10, 2024, San Francisco, CA, USA.

PUBLICATIONS:

REFEREED JOURNAL ARTICLES (*trainee; **senior author)

1. **Allem JP**, Ayers JW, Irvin VL, Hofstetter CR, Hovell MF. South Korean military service promotes smoking: a quasi-experimental design. *Yonsei Med J.* 2012;53(2):433-8. PMID: PMC3282970
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
2. Ayers JW, Althouse BM, **Allem JP**, Ford DE, Ribisl KM, Cohen JE. A novel evaluation of World No Tobacco Day in Latin America. *J Med Internet Res.* 2012;14(3):e77. PMID: PMC3799538
Personal contribution: Drafting of the manuscript; Critical revision of the manuscript.

3. Ayers JW, Althouse BM, **Allem JP**, Childers MA, Zafar W, Latkin C, Ribisl KM, Brownstein JS. Novel surveillance of psychological distress during the Great Recession. *J Affect Disord.* 2012;142(1-3):323-30. PMID: PMC4670615
Personal contribution: Interpretation of data; Drafting of the manuscript; Critical revision of the manuscript.
4. **Allem JP**, Ayers JW, Unger JB, Irvin VL, Hofstetter CR, Hovell MF. Smoking trajectories among Koreans in Seoul and California: exemplifying a common error in age parameterization. *Asian Pacific J Cancer Prev.* 2012;13(5):1851-6. PMID: PMC3677836
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
5. **Allem JP**, Ayers JW, Unger JB, Vollinger RE Jr, Latkin CA, Juon HS, Park HR, Paik HY, Hofstetter CR, Hovell MF. The environment modifies the relationship between social networks and secondhand smoke exposure among Korean nonsmokers in Seoul and California. *Asia Pac J Public Health.* 2015;27(2):NP437-NP447. Epub ahead of print Sep. 2012. PMID: PMC4444048
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
6. Ayers JW, Althouse BM, **Allem JP**, Rosenquist JN, Ford DE. Seasonality in seeking mental health information on Google. *Am J Prev Med.* 2013;44(5):520-5. PMID: 23597817
Personal contribution: Conceptualization and design; Drafting of the manuscript; Critical revision of the manuscript.
7. **Allem JP**, Soto DW, Baezconde-Garbanati L, Unger JB. Role transitions in emerging adulthood are associated with smoking among Hispanics in Southern California. *Nicotine Tob Res.* 2013;15(11):1948-51. PMID: PMC3790634
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
8. **Allem JP**, Lisha NE, Soto DW, Baezconde-Garbanati L, Unger JB. Emerging adulthood themes, role transitions and substance use among Hispanics in Southern California. *Addict Behav.* 2013;38(12):2797-800. PMID: PMC3812433
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
9. **Allem JP**, Soto DW, Baezconde-Garbanati L, Sussman S, Unger JB. Cultural and social influences on adolescent smoking dissipate by emerging adulthood among Hispanics in Southern California. *J Immigr Minor Health.* 2015;17(1):192-97. Epub ahead of print Sep 2013. PMID: PMC3962706
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
10. Althouse BM, **Allem JP**, Childers MA, Dredze M, Ayers JW. Population health concerns during the United States' Great Recession. *Am J Prev Med.* 2014;46(2):166-70. PMID: 24439350
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.

11. Hofstetter CR, Clapp JD, **Allem JP**, Hughes SC, Li Y, Irvin VL, Daly AJ, Kang S, Hovell MF. Social networks and alcohol consumption among first generation Chinese and Korean immigrants in the Los Angeles metropolitan area. *Int J Alcohol Drug Res.* 2014;3(4):245-55. *Personal contribution: Interpretation of data; Drafting of the manuscript; Critical revision of the manuscript.*
12. **Allem JP**, Soto DW, Baezconde-Garbanati L, Unger JB. The relationship between the accumulated number of role transitions and hard drug use among Hispanic emerging adults. *J Psychoactive Drugs.* 2015;47(1):60-4. PMID: PMC4341943
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
13. Forster M, **Allem JP**, Mendez N, Qazi YA, Unger JB. Evaluation of a telenovela designed to improve knowledge and behavioral intentions among Hispanic patients with end-stage renal disease in Southern California. *Ethn Health.* 2016;21(1):58-70. Epub ahead of print Feb 2015. PMID: PMC5508717
Personal contribution: Interpretation of data; Drafting of the manuscript; Statistical analysis.
14. **Allem JP**, Ayers JW, Althouse BM, Williams RS. When a ban really is not a ban: internet loopholes and Djarum flavoured cigarettes in the USA. *Tob Control.* 2016;25(4):489-90. Epub ahead of print Jul 2015. PMID: PMC5087594
Personal contribution: Conceptualization and design; Acquisition of data; Interpretation of data; Drafting of the manuscript; Statistical analysis.
15. **Allem JP**,** Forster M, Neiberger A,* Unger JB. Characteristics of emerging adulthood and e-cigarette use: findings from a pilot study. *Addict Behav.* 2015;50:40-4. PMID: PMC4515365
Personal contribution: Conceptualization and design; Acquisition of data; Obtained funding; Interpretation of data; Drafting of the manuscript; Statistical analysis.
16. **Allem JP**, Soto DW, Baezconde-Garbanati L, Unger JB. Adverse childhood experiences and substance use among Hispanic emerging adults in Southern California. *Addict Behav.* 2015;50:199-204. PMID: PMC4515389
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
17. **Allem JP**, Unger JB, García R, Baezconde-Garbanati L, Sussman S. Tobacco attitudes and behaviors of vape shop retailers in Los Angeles. *Am J Health Behav.* 2015;39(6):794-98. PMID: PMC5020702
Personal contribution: Conceptualization and design; Interpretation of data; Drafting of the manuscript; Statistical analysis.
18. Chu KH, Unger JB, **Allem JP**, Pattarroyo M, Soto DW, Cruz TB, Yang H, Jiang L, Yang CC. Diffusion of messages from an electronic cigarette brand to potential users through Twitter. *PLoS One.* 2015;10(12):e0145387. PMID: PMC4694088
Personal contribution: Interpretation of data; Drafting of the manuscript; Critical revision of the manuscript.
19. Ayers JW, Althouse BM, **Allem JP**, Leas EC, Dredze M, Williams RS. Revisiting the rise of electronic nicotine delivery systems using search query surveillance. *Am J Prev Med.* 2016;50(6):e173-e181. PMID: PMC5422030

Personal contribution: Conceptualization and design; Drafting of the manuscript; Critical revision of the manuscript.

20. Unger JB, Escobedo P,* **Allem JP**, Soto DW, Chu KH, Cruz TB. Perceptions of secondhand e-cigarette aerosol among Twitter users. *Tob Regul Sci.* 2016;2(2):146-152. PMID: PMC5225957
Personal contribution: Interpretation of data; Critical revision of the manuscript.
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