

# David S Fink, PhD, MPH, MPhil

## CONTACT INFORMATION

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## DATE OF PREPARATION

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February 27, 2023

## PERSONAL DATA

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Birthdate: January 15, 1982  
Birthplace: California, USA  
Citizenship: USA

## ACADEMIC TRAINING

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Columbia University, Mailman School of Public Health Doctor of Philosophy (Ph.D.) Epidemiology Dissertation sponsor: Deborah Hasin <i>Dissertation title: "Effect modification by socioeconomic conditions on the effects of prescription opioid supply on drug poisoning deaths in the United States"</i>	2013-2020 New York, NY, USA
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Columbia University, Mailman School of Public Health Master of Philosophy (M.Phil.) Epidemiology	2013- 2016 New York, NY, USA
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San Diego State University, School of Public Health Master of Public Health (M.P.H.) Epidemiology	2007-2009 San Diego, CA, USA
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San Diego State University Bachelor of Arts, <i>with Distinction</i> (B.A.) Anthropology, Religious Studies Minor Cum Laude	2000-2004 San Diego, CA, USA
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## POSTDOCTORAL TRAINING

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Postdoctoral Research Fellow  
Department of Epidemiology  
New York State Psychiatric Institute  
\* Advisor: Dr. Deborah Hasin

October 2020-present  
New York, NY

## PROFESSIONAL ORGANIZATIONS AND SOCIETIES

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American Public Health Association (2007-present)  
Society for Epidemiologic Research (2013-present)  
\* President-Elect, President, Past-President, Student and Postdoc Committee, 2015-2018  
\* Publications Committee, 2015-2016  
\* Communications Committee, 2015-2016  
\* Membership Committee, 2015-2019  
\* Executive Board, 2016-2017  
\* Awards Committee, 2016-2019  
\* Diversity and Inclusion Working Group and Committee, 2016-2021  
International Society for Traumatic Stress Studies (2014-present)  
\* Member, Website Redesign Initiative, 2014  
College on Problems of Drug Dependence, Member-in-training (2016-present)  
\* Associate member, 2023-present  
\* Member-in-Training, 2016-2022  
\* Member-in-Training Committee (MITco), 2017-2020  
\* Leader, MITco Public Relations Sub-Committee, 2018-2019  
Association for Studies in Innovation Science and Technology (2016-present)  
World Psychiatric Association, Member-in-training (2017-present)  
American Psychopathological Association, Member-in-training (2019-present)  
\* Student leadership award, 2020

## SELECTED HONORS AND AWARDS

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Phi Eta Sigma, National Collegiate Honors Society, 2001  
Golden Key, National Collegiate Honors Society, 2001  
Phi Beta Kappa (Junior Electee), 2003  
San Diego State University Deans List, 2003-2004  
Phi Kappa Phi, National Collegiate Honors Society, 2008  
Columbia University; Open Scholarship, 2013-2014  
TYLENOL® Future Care Scholarship, 2015  
\* One of 40 students nationwide pursuing careers in healthcare, displaying academic excellence, exemplary leadership, community involvement, and dedication to a career of caring for others  
Sentinel of Science Award Recipient. Awarded by Publons to the top 10% of researchers contributing to the peer review of the field of medicine, 2016  
Trainee, Inequality by the Numbers Workshop, Center on Socio-Economic Inequality, Graduate Center of the City University of New York (CUNY), 2018

- \* One of 50 researchers admitted to an intensive, 5-day training on research on socio-economic inequalities.

Article of the year, American Journal of Epidemiology, 2017

William Haddon Jr. Award, Columbia University, Mailman School of Public Health, 2018

- \* Awarded to a doctoral student at Columbia University for outstanding contribution to injury epidemiology and prevention through their research

John T. and Patricia A. O'Neill Addiction Science Education Award, Research Society on Alcoholism, 2018

- \* Awarded to a medical, dental, postdoctoral or graduate student who has demonstrated excellence in educating the public, health professionals, treatment professionals, and other non-scientists about the latest addiction science research

Student Leadership Award, American Psychopathological Association, 2020

- \* Awarded to recognize a student member who demonstrates leadership, service, and commitment to make a substantial contribution to the society. Awarded for developing, organizing, and moderating the inaugural APPA webinar in November 2019.

Student Merit Travel Award, American Psychopathological Association, 2021

Anna C. Gelman Award for Excellence in Epidemiology, Columbia University, 2021

- \* Awarded to graduating doctoral student in the Department of Epidemiology for high academic distinction and potential for significant contributions to the field of public health.

CPDD Early Career Investigator Awardee, College on Problems of Drug Dependence, 2021

## FELLOWSHIP AND GRANT SUPPORT

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### CURRENT

#### **“COVID-19 Pandemic: Natural Experiment in Telehealth on Buprenorphine Treatment in a Large Integrated Healthcare System”**

Role on Project: PI

Dates of funding: January 2023 – December 2027

Funder: National Institute of Drug Abuse (NIDA) K99DA055724-01A1

Description: Buprenorphine maintenance policies instituted during the COVID-19 pandemic allowed the use of telehealth for buprenorphine treatment. We will study the effect of easing federal regulations on buprenorphine maintenance treatment and its outcomes in Veterans Administration (VA) patients

### PAST

#### **“Substance Abuse Pre-doctoral Training Program, Columbia University” (PI: Hasin)**

Role on Project: Pre-doctoral fellow

Dates of funding: August 2014 – August 2019

Funder: National Institute of Drug Abuse (NIDA) 5T32DA031099-03

Description: Provides training in substance use epidemiology as well as support for tuition, living expenses, and research activities.

## TEACHING EXPERIENCE AND RESPONSIBILITIES

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Role: Instructor

- SST 216: *Introduction to Epidemiology*, Division of Social Studies, Bard Prison Initiative, Bard College, Annandale-on-Hudson, NY. Fall 2017.
- BIO 144: *Introduction to Biostatistics*, Biology Program, Bard Prison Initiative, Bard College, Annandale-on-Hudson, NY. Spring 2018.

Role: Teaching assistant

- EPID P8100: *Applied Regression I* (Juan Lin, Adjunct & Naitee Ting, Adjunct), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY. Fall 2014, Fall 2015, Fall 2016, Fall 2017.
- EPID P8471: *Social Epidemiology* (Lisa Bates, Professor), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY. Spring 2015.
- EPID P8483: *Application of Epidemiologic Research methods* (Ryan Demmer), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY. Spring 2017.

Role: Guest lecturer

- HPMN P8594: *Addressing the Opioid Crisis* (Andrew Kolodny, Adjunct), Department of Health Policy and Management, Columbia University, Mailman School of Public Health, New York, NY, Spring 2019
- FM520: *Research-based Health Activism* (Aaron Fox, Associate Professor), Department of Family and Social Medicine, Albert Einstein College of Medicine, New York, NY, Spring 2019
- EPID P8470: *Epidemiology of Drug and Alcohol Problems* (Deborah Hasin, Professor), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY, Fall 2019
- EPID P8470: *Epidemiology of Drug and Alcohol Problems* (Deborah Hasin, Professor), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY, Fall 2020
- EPID P8470: *Epidemiology of Drug and Alcohol Problems* (Deborah Hasin, Professor), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY, Fall 2021
- EPID P8470: *Epidemiology of Drug and Alcohol Problems* (Deborah Hasin, Professor), Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY, Fall 2022

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**UNIVERSITY AND DEPARTMENTAL SERVICE**

- Doctoral Student Liaison, Columbia University, Department of Epidemiology, 2014-2016
- Member, Addiction Illness: Medical Solutions, 2013-2017
- Member, Center for the Study of Social Inequalities and Health, 2013-2016

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**OTHER PROFESSIONAL ACTIVITIES**

**EDITING**

Former

\* Contributing Editor for *StressPoints Bulletin*, 2015-2017

## JOURNAL REVIEW

Addiction, Addictive Behaviors, Alcoholism: Clinical and Experimental Research, American Journal of Epidemiology, American Journal of Public Health, American Journal of Psychiatry, BMC Psychiatry, Criminology and Public Policy, Drug and Alcohol Dependence, Drug and Alcohol Review, Epidemiology and Psychiatric Sciences, European Journal of Epidemiology, Health Services Research, Injury Epidemiology, International Journal of Drug Policy, JAMA Psychiatry, JAMA Network Open, Journal of Clinical Psychiatry, Journal of Drug Issues, Journal of Traumatic Stress, Medical Care, Military Medicine, Pain Medicine, Pediatrics, PLoS One, Prevention Science, Psychiatric Services, Psychological Medicine, Psychological Trauma: Theory, Research, and Policy, Public Health Reports, Social Psychiatry and Psychiatric Epidemiology, Social Science & Medicine, SSM-Population Health

## ABSTRACT REVIEW

Society of Epidemiologic Research Annual Meeting  
American Public Health Association Annual Meeting

## GRANT REVIEW

District of Columbia, Office of Victim Services, Consolidated Request for Application, 2014-2017

## ADVISORY BOARD

Avoiding Risks from Methamphetamine Use (ARM-U) advisory board, 2006-2007  
Study to Assess Hepatitis C Risk (STahr) advisory board, 2007-2009  
Epidemiology Team, National Center for Disaster Preparedness, 2013-2014

## PEER-REVIEWED JOURNAL PUBLICATIONS

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1. Sampson L, Gradus JL, Cabral HJ, Rosellini AJ, **Fink DS**, Cohen GH, Liberzon I, Galea S. Stressful life events and incident depression among U.S. military personnel. *Social Psychiatry and Psychiatric Epidemiology*. *Accepted*
2. Castillo-Carniglia A, Rivera A, Santaella J, **Fink DS**, Crystal S, Ponicki W, Keyes KM, Gruenewald P, Martins SS, Cerda M. Changes in opioid and benzodiazepine poisoning deaths after cannabis legalization in the US: A county-level analysis, 2002-2020. *Epidemiology*. *Accepted*.
3. Hasin DS, Wall MM, Choi CJ, Alshuler D, Malte C, Olfson M, Keyes KM, Gradus JL, Cerda M, Maynard CC, Keyhani S, Martins SS, **Fink DS**, Livne O, Mannes Z, Sherman S, Saxon AJ. State cannabis legalization and increases in cannabis use disorder in the U.S. Veterans Health Administration, 2005 to 2019. *JAMA Psychiatry*. *Accepted*.
4. Hasin DS, Borodovsky J, Shmulewitz D, Walsh C, Strauble CA, Livne O, Habib MI, **Fink DS**, Aharonovich E, Budney A. Adult use of highly-potent  $\Delta^9$ -THC cannabis concentrate

products by U.S. state cannabis legalization status, 2021. *Addictive Behaviors*. 140:107617.

5. **Fink DS**, Keyes KM, Branas C, Cerda M, Gruenwald P, Hasin D. Understanding the differential effect of local socioeconomic conditions on the relation between prescription opioid supply and drug overdose deaths: A space-time study in 3109 US counties. *Addiction*. 2023 Jan 6. Doi: 10.1111/add.16123. PMID: 36606567. PMCID: Pending
6. **Fink DS**, Stohl M, Mannes ZL, Shmulewitz D, Wall M, Gutkind S, Olfson M, Gradus J, Keyhani S, Maynard C, Keyes KM, Sherman S, Martins SM, Saxon AJ, Hasin DS. Comparing mental and physical health of U.S. veterans by VA healthcare use: Implications for generalizability of research in the VA electronic health records. *BMC Health Services Research*. 2022 Dec 9;22(1):1500. Doi: 10.1186/s12913-022-08899-y. PMID: 36494829. PMCID: PMC9733218.
7. **Fink DS**, Shmulewitz D, Mannes ZL, Stohl M, Wall M, Hasin DS. Construct validity of DSM-5 cannabis use disorder diagnosis and severity levels in adults with problematic substance use. *Journal of Psychiatric Research*. 155:387-394. Doi: 10.1016/j.jpsychires.2022.09.016. PMID:36182768. PMCID: PMC9590423.
8. Cerda M, Hamilton AD, Tracy M, Branas C, **Fink DS**, Keyes KM. Would restricting firearm purchases due to alcohol- and drug-related misdemeanor offenses reduce firearm homicide and suicide? An agent-based simulation. *Injury Epidemiology*. 2022; 9(17). Doi: 10.1186/s40621-022-00381-x. PMID: 35681243. PMCID: PMC9185952.
9. Sampson L, Cabral HJ, Rosellini AJ, Gradus JL, Calabrese JR, Cohen GH, **Fink DS**, King AP, Liberzon I, Galea S. Stressful life events and trajectories of depression symptoms in a U.S. Army National Guard Cohort. *Scientific Reports*. 12(1): 11026. Doi: 10.1038/s41598-022-14496-0. PMID: 35773360. PMCID: PMC9246834.
10. Livne O, Budney A, Borodovsky J, Walsh C, Shulewitz D, **Fink DS**, Struble CA, Habib M, Aharonovich E, Hasin DS. Delta-8 THC use in US adults: Sociodemographic characteristics and correlates. *Addictive Behaviors*. 2022 Oct; 133: 107374. Doi: 10.1016/j.addbeh.2022.107374. PMID: 35644057. PMCID: PMC9245337
11. Keyes KM, Hamilton A, Tracy M, Kagawa R, Pear V, **Fink DS**, Cook PJ, Branas C, Cerda M. Simulating the bounds of plausibility: Estimating the impact of high-risk versus population-based approaches to prevent firearm injury. *PLoS One*. 17(6): e0269372. Doi: 10.1371/journal.pone.0269372. PMID: 35653403. PMCID: PMC9162316.
12. Hasin DS, Saxon AJ, Malte C, Olfson M, Keyes KM, Gradus JL, Cerda M, Maynard CC, Keyhani S, Martins SS, **Fink DS**, Livne O, Mannes Z, Wall MM. Trends in Cannabis Use Disorder Diagnoses in the U.S. Veterans Health Administration: 2005-2019. *American Journal of Psychiatry*. 179(10):748-757. Doi: 10.1176/appi.ajp.22010034. PMID: 35899381. PMCID: PMC9529770
13. Shmulewitz D, Greenstein E, Stohl M, **Fink DS**, Roncone S, Walsh C, Aharonovich E, Wall MM, Hasin DS. Validity of the DSM-5 tobacco use disorder diagnostics in adults with problematic substance use. *Drug and Alcohol Dependence*. 2022 May 1;234. Doi:

10.1016/j.drugalcdep.2022.109411. PMID: 35338898. PMCID: PMC9035622.

14. Hasin D, **Fink DS**, Olfson M, Saxon AJ, Malte C, Keyes KM, Gradus JL, Cerda M, Maynard CC, Keyhani S, Martins SS, Livne O, Mannes Z, Sherman SE, Wall MW. Substance use disorders and COVID-19 in 5.6 million veterans: An analysis of Veterans Health Administration electronic health records. *Drug and Alcohol Dependence*. 234:109383. Doi: 10.1016/j.drugalcdep.2022.109383. PubMed PMID: 35279457; PMCID: PMC8891118.
15. Gorfinkel LR, Hasin D, Saxon AJ, Wall M, Martins SS, Cerda M, Keyes KM, **Fink DS**, Keyhani S, Maynard CC, Olfson M. Trends in prescriptions for non-opioid pain medications among U.S. adults with moderate or severe pain, 2014-2018. *Journal of Pain*. 2022 Jul; 23(7):1187-1195. Doi: 10.1016/j.jpain.2022.01.006. PubMed PMID: 35143969. PMCID: PMC9271156.
16. Hasin DS, Aharonovich E, Zingman B, Stohl M, Walsh C, Elliott JC, **Fink DS**, Knox J, Durant S, Menchaca R, Sharma A. HealthCall: A randomized trial assessing a smartphone enhancement of brief interventions to reduce heavy drinking in HIV care. *Journal of Substance Abuse Treatment*. 2022 Jul;138. Doi: 10.1016/j.jsat.2022.108733. PubMed PMID: 35131124. PMCID: PMC9167215.
17. Mannes ZL, Stohl M, **Fink DS**, Olfson M, Keyes KM, Martins SS, Gradus JL, Saxon AJ, Maynard C, Livne O, Gutkind S, Hasin DS. Non-Pharmacological Treatment for Chronic Pain in U.S. Veterans Treated within the Veterans Health Administration: Implications for Expansion in U.S. Healthcare Systems. *Journal of General Internal Medicine*. 2022 Jan19. Doi: 10.1007/s11606-021-07370-8. PubMed PMID: 35048300. PMCID: PMC8769678.
18. Delcher C, Bae J, Doung M, Wang Y, **Fink DS**, Young HW. Defining “Doctor shopping” with dispensing data: A scoping review. *Pain Medicine*. 27(7):1323-1332. Doi: 10.1093/pm/pnab344. PMID: 34931686. PMCID: PMC9245337
19. Gutkind S, **Fink DS**, Shmulewitz D, Stohl M, Hasin D. Psychosocial and health problems associated with alcohol use disorder and cannabis use disorder in U.S. adults. *Drug and Alcohol Dependence*. 2021 Dec 1; 229(PtB): 109137. Doi: 10.1016/j.drugalcdep.2021.109137. PMID: 34763137. PMCID:PMC8665071.
20. Hasin DS, Borodovsky J, Shmulewitz D, Walsh C, Livne O, Struble C, Aharonovich E, **Fink DS**, Budney A. Use of highly-potent cannabis concentrate products more common in U.S. states with recreational and medical cannabis laws. *Drug and Alcohol Dependence*. 2021 Dec 1;229(Pt B):109159. Doi: 10.1016/j.drugalcdep.2021.109159. PMID: 34844095. PMCID: PMC8667084.
21. Sampson L, Cohen GH, **Fink DS**, Conroy C, Calabrese JR, Wryobeck JM, Elhai JD, King AP, Liberzon I, Galea S. Cohort profile: The Ohio Army National Guard Mental Health Initiative (OHARNG-MHI). *Social Psychiatry and Psychiatric Epidemiology*. 2021; 56: 2107-2116; doi: 10.1007/s00127-021-02166-x. PMID: 34480595. PMCID: PMC8577754
22. Browne KC, Stohl M, Bohnert K, Saxon AJ, **Fink DS**, Olfson M, Cerda M, Sherman S, Gradus J, Martins SS, Hasin DS. Prevalence and correlates of cannabis use and cannabis use

disorder in United States veterans: Results from the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC-III). *American Journal of Psychiatry*. 2022 Jan; 179(1):26-35. doi: 10.1176/appi.ajp.2021.20081202. PMID: 34407625. PMCID: PMC8724447.

23. Pitman A, **Fink DS**, Whitley R. Patterns of suicide mortality in England and Wales before and after the suicide of the actor Robin Williams. *Social Psychiatry and Psychiatric Epidemiology*. 2021. 56: 1801-1808; doi: 10.1007/s00127-021-02059-z. PMID: 33743027. PMCID: PMC7980127.
24. Sampson L, Gradus JL, Cabral HJ, Rosellini AJ, Calabrese JR, Cohen GC, **Fink DS**, King AP, Liberzon I, Galea S. A machine learning approach to predicting new-onset depression in a military population. *Psychiatric Research and Clinical Practice*. 2021; 3: 114-121; doi: 10.1176/appi.prp.20200031. PMID: 34734165. PMCID: PMC8562467
25. Enkema MC, Hasin DS, Browne KC, Stohl M, Schmulewitz D, **Fink DS**, Olfson M, Martins SS, Bohnert KM, Sherman SE, Cerda M, Wall M, Aharonovich E, Keyhani S, Saxon AJ. Pain, cannabis use, physical health and mental health indicators among veterans and non-veterans: Results from NESARC-III. *Pain*. 2022 Feb 1;163(2):267-273. doi: 10.1097/j.pain.0000000000002345. PMID: 34108436. PMCID: PMC8985055.
26. DeVilbiss EA, Weuve J, **Fink DS**, Morris MD, Arah OA, Radoc JG, Datta G, Abuelezam NN, Lopez D, Johnson DA, Branas CC, Schisterman EF, on behalf of the Society for Epidemiologic Research Diversity and Inclusion Committee. Assessing representation and perceived inclusion among members in the Society for Epidemiologic Research. *American Journal of Epidemiology*. 2020; 189(10): 998-1010; doi: 10.1093/aje/kwz281. PMID: 31907518. PMCID: PMC7670874
27. Rudolph KE, Kinnard EN, Rivera-Aguirre A, Goin DE, Feelemyer J, **Fink DS**, Cerda M. The relative economy and drug overdose deaths. *Epidemiology*. 2020; 31(4):551-558; doi:10.1097/EDE.0000000000001199. PMID: 32332222. PMCID: PMC7505523.
28. Puac-Polanco V, Chihuri S, **Fink DS**, Cerda M, Keyes K, Li G. Prescription drug monitoring programs and opioid-related outcomes in the United States. *Epidemiologic Reviews*. 2020 Jan 31; 42(1):134-153; doi: 10.1093/epirev/mxaa002. PMID: 32242239. PMCID: PMC7505523
29. Cerda M, Ponicki W, Smith N, Rivera-Aguirre A, Davis C, Marshall BDL, **Fink DS**, Henry SG, Castillo-Carniglia A, Wintemute G, Gaidus A, Gruenewald P, Martins SS. Measuring relationships between proactive reporting state-level prescription drug monitoring programs and county-level fatal prescription opioid overdoses. *Epidemiology*. 2020; 31(1):32-42. doi: 10.1097/EDE.0000000000001123. PMID: 31596794. PMCID: In process
30. **Fink DS**, Stohl M, Sarvet AL, Cerda M, Keyes KM, Hasin D. Medical marijuana laws and driving under the influence of marijuana and alcohol. *Addiction*. 2020; 115:1944-1953. doi: 10.1111/add.15031. PMID: 32141142. PMCID: PMC7483706.
31. Martins SS, Ponicki W, Smith N, Rivera-Aguirre A, Davis CS, **Fink DS**, Castillo-Carniglia A, Henry SG, Marshall BDL, Gruenewald P, Cerda M. Prescription drug monitoring programs operational characteristics and fatal heroin poisoning. *International Journal of Drug Policy*.



2019; Dec(74):174-180. doi: 10.1016/j.drugpo.2019.10.001. PMID: 31627159. PMCID: PMC6897357.

32. Whitley R, **Fink DS**, Santaella-Tenoio J, Keyes KM. Suicide mortality in Canada after the death of Robin Williams, in the context of high-fidelity to suicide reporting guidelines in the Canadian media. *Canadian Journal of Psychiatry*. The Canadian Journal of Psychiatry. 2019; 64(11):805-512. doi: 10.1177/0706743719854073. PMID: 31181955. PMCID: PMC6882074.
33. Gallaway MS, **Fink DS**, Sampson L, Cohen GH, Tamburrino M, Liberzon I, Calabrese J, Galea S. Prevalence and covariates of problematic gambling among a US military cohort. *Addictive Behaviors*. 2019; 959:166-171. doi: 10.1016/j.addbeh.2019.03.013. PMID: In process. PMCID: PMC6574081.
34. Castillo-Carniglia A, Ponicki W, Gaidus A, Gruenewald P, Marshall BDL, **Fink DS**, Martins SS, Rivera-Aguirre A, Wintemute GJ, Cerdá M. Prescription drug monitoring programs and opioid overdose: exploring sources of heterogeneity. *Epidemiology*. 2019; 30(2):212-220. doi: 10.1097/EDE.0000000000000950. PMID: 30721165. PMCID: PMC6437666.
35. Pear VA, Ponicki WR, Gaidus A, Keyes KM, Martins SS, **Fink DS**, Rivera-Aguirre A, Gruenewald P, Cerdá M. Urban-rural variation in the socioeconomic determinants of opioid overdose. *Drug and Alcohol Dependence*. 2019 Feb; 66-73. doi: 10.1016/j.drugalcdep.2018.11.024. PMID: 30592998. PMCID: PMC6375680.
36. Muennig, P, Geronimus A, **Fink DS**, Reynolds M. America's declining well-being, health, and life expectancy: Not just a White problem. *American Journal of Public Health*. 2018 Dec; 108(12):1626-1631. doi: 10.2105/AJPH.2018.304585. PMID: 30252522. PMCID: PMC6221922.
37. Smith N, Martins SS, Kim J, Rivera-Aguirre AE, **Fink DS**, Castillo A, Henry S, Mooney S, Marshall B, Davis C, Cerdá M. A typology of prescription drug monitoring programs: A latent transition analysis of the evolution of programs in 1999-2015. *Addiction*. [Epub ahead of print]. doi: 10.1111/add.14440. PMID: 30207015. PMCID: PMC6314884.
38. **Fink DS**, Gradus JL, Keyes KM, Calabrese JR, Liberzon I, Tamburrino MB, Cohen GH, Sampson L, Galea S. Subthreshold PTSD and PTSD in a prospective-longitudinal cohort of military personnel: Potential targets for preventive intervention. *Depression & Anxiety*. 2018; 35(11): 1048-1055. doi: 10.1002/da.22819. PMID: 30099820. PMCID: PMC62123.
39. Moeller SJ, **Fink DS**, Gbedemah M, Hasin DS, Galea S, Svolsensky MJ, Goodwin RD. Trends in illicit drug use among smokers and non-smokers in the United States, 2002-2014. *Journal of Clinical Psychiatry*. 2018; 79(3):17m11718. doi: 10.4088/JCP.17m11718. PMID: 29894597. PMCID: PMC6139671.
40. **Fink DS**, Schleimer JP, Sarvet A, Grover KK, Delcher C, Kim JH, Castillo-Carniglia A, Rivera-Aguirre, AE, Henry SG, Martins SS, Cerdá M. Association Between Prescription Drug Monitoring Programs and Nonfatal and Fatal Drug Overdoses: A Systematic Review. *Annals of Internal Medicine*. 2018; 168(11):783-790. Doi:10.7326/M17-3074. PMID: 29801093. PMCID: PMC6015770.  
| [American Journal of Managed Care](#) | [Chicago Sun-Times](#) | [CNN](#) | [Daily Mail](#) | [Health](#)

[Day](#) | [New York Post](#) | [Washington Post](#) | [The Washington Times](#) | [U.S. News and World Report](#) |

41. Sarvet AL, Wall MM, **Fink DS**, Greene E, Le A, Boustead AE, Pacula RL, Keyes KM, Cerdá M, Schulenberg JE, Galea S, Hasin DS. Medical marijuana laws and adolescent marijuana use: A systematic review. *Addiction*. 2018; 113(6):1003-1016. doi:10.1111/add.14136. PMID: 29468763. PMCID: PMC5942879.
42. **Fink DS**, Santaella-Tenorio J, Keyes KM. Celebrity Suicide and News Media: Increase in Suicides the Months After the Death of Robin Williams in the U.S. *PLoS One*. 2018; 13(2): e0191405. doi:10.1371/journal.pone.0191405. PMID: 29415016. PMCID: PMC5802858.  
| [BBC](#) | [Reuters](#) | [Washington Post](#) | [USA Today](#) | [The Boston Globe](#) | [Chicago Tribune](#) | | | | | |
| [New York Daily News](#) | [U.S. News & World Report](#) | [TIME Magazine](#) | [CNN](#) | [NBC News](#) | [CBS News](#) | [HuffPost Canada](#) | [The Verge](#) | [Gizmodo](#) | [Business Insider](#) | [The Hill](#) |  
| [Metro](#) | [Pacific Standard](#) | [Mother Jones](#) | [Daily Mail](#) | [VICE](#) | [AOL](#) | [Healthline](#) |  
| [Psychology Today](#) |  
\* In the top 10% most cited PLOS One paper published in 2018.
43. **Fink DS**, Keyes KM, Calabrese JR, Liberzon I, Tamburrino MB, Cohen GH, Sampson L, Galea S. Deployment and Alcohol Use in a Military Cohort: Use of Combined Methods to Account for Exposure-Related Covariates and Heterogeneous Response to Exposure. *American Journal of Epidemiology*. 2017; 186(4):411-419. doi: 10.1093/aje/kww230. PMID: 28482012. PMCID: PMC5860008.
44. Lovasi GS, **Fink DS**, Mooney SJ, Link BG. Model-based and Design-based Inference Goals Frame how to account for Neighborhood Clustering in Studies of Health in Overlapping Context Types. *Social Science and Medicine – Population Health*. 2017; 3:600-608. doi: 10.1016/j.ssmph.2017.07.005. PMID: 29276757; PMCID: PMC5737714.
45. Cohen GH, **Fink DS**, Sampson L, Tamburrino M, Liberzon I, Calabrese JR, Galea S. Coincident alcohol dependence and depression increases risk of suicidal ideation among Army National Guard soldiers. *Annals of Epidemiology*. 2017; 27(3):157-163 doi: 10.1016/j.annepidem.2016.12.004. PMID: 28139369; PMCID: PMC5505073.
46. **Fink DS**, Lowe S, Cohen GH, Sampson LA, Ursano RJ, Gifford RK, Fullerton CS, Galea S. Trajectories of posttraumatic stress symptoms after civilian and military traumatic event experiences. *Psychological Trauma: Theory, Research, Practice, and Policy*. 2017; 9(2):138-146. doi: 10.1037/tra0000147. PMID: 27845522; PMCID: PMC5161718.
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#### Under Review

74. **Fink DS**, Schleimer JP, Keyes KM, Branas C, Cerda M, Hasin D. Prescription opioid supply and socioeconomic determinants of drug overdose deaths: A systematic review of spatial relationships.
75. Gonzalez DJX, Andrea SB, Diaz Santana MV, Fasehun LKO, Fernandez-Rhodes L, Archer H, Magid HA, Babalola O, Staley B, **Fink DS**, DeVilbiss E. Assessing representation and inclusion among members and affiliates of the Society for Epidemiologic Research: Findings from 2021 survey.
76. Mannes ZL, Malte CA, Olfson M, Wall MM, Keyes KM, Martins SS, Cerda M, Gradus JL, Saxon AJ, Keyhani S, Maynard C, Livne O, **Fink DS**, Gutkind S, Hasin DS. Increasing risk of cannabis use disorder among US veterans with chronic pain: 2005-2019. *Pain*, Revise & Resubmit
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#### EDITORIALS, LETTERS TO THE EDITOR, AND COMMENTARIES

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1. Keyes KM, Whitley R, **Fink DS**, Santaella J, Pirkis J. The global impact of a celebrity suicide: implications for prevention. [letter to the editor]. *World Psychiatry*. 2021; 20(1); 144-145. doi: 10.1002/wps.20761. PMID: 33432751. PMCID: PMC7801848.
  2. DeVilbiss EA, Weuve J, **Fink DS**, Morris MD, Arah OA, Radoc JG, Datta GD, Abuelezam NN, Lopez DS, Johnson DA, Branas CC, Schisterman EF, et al. Response to SER diversity and inclusion survey commentaries [commentary]. *American Journal of Epidemiology*. 2020; 189(10); 1053-1056. doi: 10.1093/aje/kwaa103. PMID: 32602539. PMCID: PMC7670874.
  3. Gilman SE, Arah OA, Branas CC, DeVilbiss EA, **Fink DS**, Lopez DS, Morris MD, Weuve J, Abuelezam NN, et al. The Society for Epidemiologic Research (SER) and the future of diversity and inclusion in epidemiology [commentary]. *American Journal of Epidemiology*. 2020; 189(10); 1049-1052. doi: 10.1093/aje/kwaa109. PMID: 32602528. PMCID: PMC7666411.
  4. **Fink DS**. Commentary on Andreas et al. (2017): Cannabis use opportunities – an under-researched factor in substance use epidemiology. [commentary]. *Addiction*. 2017; 112(11); 1983-1984. doi: 10.1111/add.14022. PMID: 28990297. PMCID: PMC5650476.

## BOOK CHAPTERS

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1. **Fink DS**, Kim H, Eaton NR. *Psychiatric epidemiology methods*. In Wright AGC & Hallquist M (Eds.), The Cambridge Handbook of Research Methods in Clinical Psychology. Cambridge University Press. 2020.
2. **Fink DS**, Schleimer JP, Sarvet A, Grover KK, Delcher C, Kim JH, Castillo-Carniglia A, Rivera-Aguirre AE, Henry SG, Cerdá M, Martins SS. *Promoting Prescription Drug Monitoring for Population Health: Research and Policy implications*. In The Prescription Drug Abuse Epidemic: Incidence, Treatment, Prevention, and Policy. eds. Schepis T: ABC-CLIO. 2018.
3. **Fink DS**, Keyes K. *Wrong answers: When simple interpretations create complex problems*. In Systems Science and Population Health. eds. El-Sayed A, Galea S: Oxford University Press. 2017.
4. **Fink DS**, Keyes K, Cerdá M. *Systems and social determinants of population health*. In Systems Science and Population Health. eds. El-Sayed A, Galea S: Oxford University Press. 2017.

## REPORTS

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1. **Fink DS**, Gallaway MS, Bender A, Schmissrauter S, Lagana-Riordan C, Brannen SJ, Pecko J, & Millikan AM. Epidemiologic Consultation (Report #14-HK-0EQR-11) Behavioral Health Risk Assessment and Correlating Perceptions of Programs and Resources for 3<sup>rd</sup> Brigade Combat Team, 101<sup>st</sup> Airborne Division (Air Assault), Fort Campbell, Kentucky, April-October 2011, Published July 2012.
2. **Fink DS**, & Gallaway MS. Information Paper. Utility and Validity of the Tailored Adaptive

Personality Assessment System in the U.S. Army, Published November 2012.

3. Dabbs C, Youmans E, Gallaway MS, Brannen SJ, Perales R, **Fink DS**, Lagana-Riordan C, & Millikan AM. Epidemiologic Consultation (Report #14-HK-0DS7-11) Warrior in Transition Unit Index Case Analysis, 2012.
4. Behavioral and Social Health Outcomes Program. Epidemiological Consultation (Report #S.0000646-12). Assessment of squad leader perceptions of their role in managing the behavioral health of their Soldiers before and after development at Fort Campbell, Tennessee, 2 May- 24 May 2012, published 2013.

## INVITED LECTURES

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1. Opioids: Federal, state, and local efforts to reduce use and reduce harms. Doctoral Research Seminar Series at Columbia University, School of Nursing. March 2022, New York, NY
2. K99R00 Grant Proposal: Natural experiment in telehealth on buprenorphine treatment in a large integrated healthcare system during the COVID-19 pandemic. Substance Abuse Faculty/Fellows Training Seminar. January 2022, New York, NY.
3. Prescription opioid supply and socioeconomic conditions: The supply- and demand-side effects of drug-related deaths in the U.S. Symposium presentation. Lerner Center for Public Health Promotion. November 2021, Syracuse University, Maxwell School.
4. Prescription drug monitoring programs: What have we learned? Where do we go from here? The Opioid Epidemic - What's Making a Difference. October 2021, Palm Beach County Medical Society.
5. Prescription drug monitoring programs and drug poisonings. Patients, Privacy, and PDMPs Policy Forum. October 2019, Cato Institute, Washington, DC. Available at: <https://www.cato.org/events/patients-privacy-and-pdmps>
6. Research that matters: Advancing science communication beyond news and public relations. Research Society on Alcoholism. June 2019, Minneapolis, MN.
7. Prescription drug monitoring programs and drug poisonings: What have we learned? What remains unknown? Invited presentation. CDC Region 2 Public Health Training Center: Log-in2learn Webinar Series. December 2018, New York, NY. Available at: <https://www.train.org/main/welcome>
8. Celebrity Suicide and News Media: Increase in Suicides the Months After the Death of Robin Williams in the U.S. Symposium presentation. Innovations in Translating Injury Research into Effective Prevention, 6<sup>th</sup> annual regional conference. May 2018, New York, NY.
9. Linking prescription opioid supply and macroeconomic conditions with overdose deaths: A theoretical framework. Symposium presentation. Substance Abuse Faculty/Fellows Training Seminar. April 2018, New York, NY.

10. Harm reduction or tool for initiation: Testing two models of e-cigarette and cigarette use in a high-risk longitudinal cohort. Symposium presentation. Substance Abuse Faculty/Fellows Training Seminar. May 2017, New York, NY.
11. Prescription Drug Monitoring Programs and Opioid Overdose: What do we know? What do we need to know? Symposium presentation. Annual pre-American Psychopathological Association (APPA) Meeting of T32 NIDA and NIMH Training Programs. February 2017, New York, NY.
12. Deployment and alcohol trajectories in a military cohort: Use of propensity score techniques to account for exposure-related covariates. Symposium presentation. Substance Abuse Faculty/Fellows Training Seminar. May 2016, New York, NY.
13. Co-Occurring Substance Use and Psychiatric Disorder: Exploratory Steps Towards a Theoretical Framework. Symposium presentation. Substance Abuse Faculty/Fellows Training Seminar. May 2015, New York, NY.
14. Hepatitis B from Transmission through Treatment. Hepatitis Training of Providers, San Diego County Department of Health. June, 2006, San Diego, CA.

#### ACADEMIC CONFERENCES

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1. **Fink DS**, Shmulewitz D, Stohl M, Mannes Z, Wall M, Hasin D. Validity of DSM-5 Cannabis Use Disorder Severity Levels in Adults with Problematic Substance Use. The College of Problems of Drug Dependence [Poster presentation]. Minneapolis, MN. 2022.
2. The SER Diversity and Inclusion Survey: Findings from the Second-Wave Survey and Next Steps. Society for Epidemiologic Research [Symposium presentation] Chicago, IL. 2022
3. SER Diversity and Inclusion Survey: Overview, Challenges, Lessons Learned, and What's next. Society for Epidemiologic Research [Virtual symposium presentation]. 2021.
4. The SER Diversity and Inclusion Survey: What's Next? Symposium chair, Society for Epidemiologic Research. 2021.
5. **Fink DS**, Keyes KM, Branäs C, Cerda M, Gruenwald P, Hasin D. Prescription opioid supply and socioeconomic determinants of drug overdose deaths: A systematic review of spatial relationships. Society for Epidemiologic Research [Virtual poster presentation]. 2021.
6. **Fink DS**, Keyes KM, Branäs C, Cerda M, Gruenwald P, Hasin D. Prescription opioid supply, fatal drug poisonings, and socioeconomic conditions in the United States. The College of Problems of Drug Dependence [Virtual poster presentation]. 2021.
7. **Fink DS**, Keyes KM, Branäs C, Cerda M, Gruenwald P, Hasin D. Prescription opioid supply, fatal drug poisonings, and socioeconomic conditions in the United States. American Psychopathological Association (APPA) [Virtual poster presentation]. 2021.



8. **Fink DS**, Keyes KM, Branas C, Gruenwald P, Cerda M, Hasin DS. Association between prescription opioid supply and fatal drug poisonings in the United States. The College of Problems of Drug Dependence [Poster presentation] FL. 2020.
9. **Fink DS**, Keyes KM, Branas C, Gruenwald P, Cerda M, Hasin DS. Association between prescription opioid supply and fatal drug poisonings in the United States. American Psychopathological Association (APPA) [Poster presentation] NY. 2020.
10. Sampson L, Gradus JL, Cabral HJ, Cohen GH, **Fink DS**, Wryobeck JM, Calabrese JR, Liberzon I, Galea S. A machine learning approach to predicting incident depression. Society for Epidemiologic Research [Poster presentation] Minneapolis, MN. 2019.
11. **Fink DS**, Sarvet A, Cerda M, Keyes KM, Jorgenson ES, Hasin D. Driving under the influence of alcohol or cannabis in the United States: Relationship to state medical marijuana laws. Society for Epidemiologic Research [Oral presentation] Minneapolis, MN. 2019.
12. Cerda M, Hamilton A, **Fink DS**, Keyes KM. Simulating the bounds of plausibility: Estimating the impact of high-risk versus population-based approaches to prevent gun violence. Society for Epidemiologic Research [Oral presentation] Minneapolis, MN. 2019.
13. Whitley R, **Fink DS**, Santaella-Tenorio J, Keyes KM. Mainstream Media Coverage of Robin Williams' Suicide and Subsequent Suicide Mortality in Canada: A Contributor to Contagion? International Association for Suicide Prevention [Oral presentation] Derry-Londonderry, Northern Ireland. 2019.
14. Delcher C, Young H, **Fink DS**, Wang Y. Prevalence of "Doctor Shopping" for Control Substances: A Systematic Review of the Literature. International Conference on Opioids [Poster presentation] Boston, MA. 2019.
15. Sampson L, **Fink DS**, Cohen GH, Calabrese JR, Liberzon I, Tamburrino MB, Galeas S. Childhood Adversity and Trajectories of Depression Symptoms in Adulthood Across Six Years in a U.S. Army National Guard Cohort. International Society for Traumatic Stress Studies [Poster presentation] Washington, DC. 2018.
16. **Fink DS**, Gradus JL, Keyes KM, Calabrese JR, Liberzon I, Tamburrino MB, Cohen GH, Sampson L, Galea S. Proportion of future PTSD conferred by subthreshold PTSD in a military cohort. International Society for Traumatic Stress Studies [Oral presentation] Washington, DC. 2018.
17. Kravitz-Wirtz N, Davis C, Ponicki W, Gruenewald P, **Fink DS**, Martins SS, Marshall BDL, Wintemute G, Cerda M. Effects of good Samaritan laws on prescription opioid and heroin overdose fatalities. Society for Epidemiologic Research [Poster presentation], Baltimore, MD. 2018.
18. **Fink DS**, Gradus JL, Keyes KM, Calabrese JR, Liberzon I, Tamburrino MB, Cohen GH, Sampson L, Galea S. Proportion of future PTSD conferred by subthreshold PTSD in a

- military cohort. Society for Epidemiologic Research [Poster presentation], Baltimore, MD. 2018.
19. McKetta S, **Fink DS**, Keyes KM, Brown Q, Zafari Z, Muennig P. Mortality and religious beliefs, attitudes, and practices in the General Social Survey. Society for Epidemiologic Research [Poster presentation], Baltimore, MD. 2018.
  20. **Fink DS**, Schleimer JP, Sarvet A, Grover KK, Delcher C, Kim JH, Castillo-Carniglia A, Rivera-Aguirre, AE, Henry SG, Martins SS, Cerdá M. Effect of Prescription Drug Monitoring Programs on Nonfatal and Fatal Drug Overdoses: A Systematic Review. The College of Problems of Drug Dependence [Poster presentation] San Diego, CA. 2018.
  21. Castillo-Carniglia A, Ponicki W, Gruenewald P, Santaella-Tenorio J, Kim JH, Fink DS, Davis C, Martins SS, Pear V, Henry SG, Wintemute G, Keyes KM, Cerda M. Association between medical marijuana laws and prescription opioid and benzodiazepines overdose deaths: A county-level analysis from 2002 to 2015. The College of Problems of Drug Dependence [Poster presentation] San Diego, CA. 2018.
  22. Castillo-Carniglia A, Ponicki W, Gaidus A, Gruenewald P, Marshal B, **Fink DS**, Martins SS, Rivera-Aguirre A, Wintemute G, Cerda M. Prescription drug monitoring programs and opioid overdoses: Exploring sources of heterogeneity. The College of Problems of Drug Dependence [Poster presentation] San Diego, CA. 2018.
  23. Sampson LA, **Fink DS**, Cohen GH, Galea S, Calabrese J, Tamburrino M, Liberzon I. New onset of mental disorders across five years of follow-up in a sample of National Guard members. International Society for Traumatic Stress Studies [Poster presentation] Chicago, IL. 2017.
  24. Castillo-Carniglia A, Gaidus A, Ponicki B, Gruenewald P, Marshall BDL, **Fink DS**, Martins SS, Wintemute GJ, Cerdá M. Prescription drug monitoring programs and heroin and prescription opioid overdose: Exploring socioeconomic and other sources of heterogeneity. Society for Epidemiologic Research [Oral presentation], Seattle, WA. 2017.
  25. **Fink DS**, Santaella J, Keyes KM. Celebrity Suicide and News Media: Increase in Suicides the Months After the Death of Robin Williams in the U.S. New York City Epidemiology Forum [Poster presentation], New York, NY. 2017.
  26. **Fink DS**, Gradus J, Tamburrino M, Liberzon I, Calabrese J, Keyes KM. On the assessment of subthreshold PTSD: Convergent, Discriminant, and concurrent validity to various definitions. International Society for Traumatic Stress Studies [Poster presentation] Dallas, TX. 2016.
  27. **Fink DS**, Keyes KM, Cohen GH, Sampson L, Calabrese J, Tamburrino M, Liberzon I, Galea S. Deployment and alcohol trajectories in a military cohort: Use of propensity score techniques to account for exposure-related covariates. Epidemiology Congress of the Americas [Poster presentation] Miami, FL. 2016.

28. **Fink DS**, Cohen GH, Sampson LA, Gifford RK, Fullerton C, Ursano R, Galea S. Incidence of and risk for depression and posttraumatic stress disorder in a representative sample of U.S. Reserve and National Guard. International Society for Traumatic Stress Studies [Poster presentation] New Orleans, LA. 2015.
29. **Fink DS**, Lowe S, Sampson L, Cohen GH, Ursano RJ, Gifford R, Fullerton C, Galea S. Modeling trajectories of civilian and military trauma symptoms in a representative sample of U.S. National Guard and Reserve: A latent class growth modeling approach. International Society for Traumatic Stress Studies [Oral presentation] New Orleans, LA. 2015.
30. Cerdá M, Hamilton A, **Fink DS**, Swanson J, Wintemute G, Keyes KM. Mental health and firearm violence: From evidence to action. The International Federation of Psychiatric Epidemiology [Accepted oral presentation] Bergen, Norway. 2015.
31. **Fink DS**, Lowe S, Sampson L, Cohen GH, Ursano RJ, Gifford R, Fullerton C, Galea S. Modeling the trajectories of civilian and military trauma symptoms in a representative sample of US National Guard and Reserve: A latent growth mixture modeling approach. Society of Epidemiologic Research [Poster presentation] Denver, CO. 2015.
32. **Fink DS**, Hu R, Cerdá M, Keyes KM, Marshall BDL, Galea S, Martins SS. Potential Determinants of Unique and Co-Occurring Major Depression and Nonmedical Use of Prescription Opioids. The College of Problems of Drug Dependence [Poster presentation] Phoenix, AZ. 2015.
33. **Fink DS**, Liberzon I, Tamburrino M, Chan P, Galea S, Calabrese J. The Epidemiology of Co-Occurring Alcohol Use and Psychiatric Disorders among Army National Guard Soldiers. International Society for Traumatic Stress Studies [Poster presentation] Miami, FL. 2014.
34. **Fink DS**, Tamburrino M, Calabrese J, Liberzon I, Cohen G, Galea S. Onset and Prevalence of Psychiatric Disorders in a Representative Sample of Army National Guard Soldiers. International Society for Traumatic Stress Studies [Poster presentation] Miami, FL. 2014.
35. **Fink DS**, Gallaway MS, Liberzon I, Tamburrino M, Chan P, Cohen G, Galea S. The epidemiology of co-occurring alcohol use and psychiatric disorders among Army National Guard soldiers. Society of Epidemiologic Research Annual Meeting [Poster presentation] Seattle, WA. 2014.
36. **Fink DS**, Tamburrino M, Calabrese J, Chan P, Cohen G, Liberzon I, Galea S. Onset and Prevalence of Psychiatric Disorders in a Representative Sample of Army National Guard Soldiers. Society of Epidemiologic Research Annual Meeting [Poster presentation] Seattle, WA. 2014.
37. **Fink DS**, Watkins E, Gallaway MS, Millikan AM. The association between family and relationship issues and life stressors among U.S. Soldiers. Epidemiology and Disease Surveillance Symposium [Oral presentation] Aberdeen Proving Grounds, MD. 2013.

38. **Fink DS**, Gallaway MS, Pecko J, Lagana-Riordan C, Millikan AM. An Examination of successful Soldier post-deployment transition from combat to home. American Public Health Association [Oral presentation] San Francisco, CA. 2012.
39. **Fink DS**. Preventative Health Habits Among Korean American Women in California. San Diego State University Research Symposium. [Oral presentation] San Diego, CA. 2009.

## RESEARCH EXPERIENCE

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### **Case Western University Hospital Cleveland, OH**

*Epidemiologist*, Ohio Army National Guard Mental Health Initiative (OHARNG MHI), PIs Sandro Galea, Joseph R. Calabrese, Marijo Tamburrino  
August 2013-July 2020

Prepare data and perform statistical analyses on OHARNG MHI clinical sub-sample (N=671). Clinical interviews were conducted annually for 4 years screening for diagnoses, including, but not limited to PTSD, depression, and substance use disorders. Analyze and prepare results for publications. Assist junior research to publish through collaboration and assistance through the publication process.

### **United States Army, Behavioral and Social Health Outcomes Program (BSHOP), Epidemiology and Disease Surveillance Portfolio (EDS), United States Army Institute of Public Health (USAPHC), Aberdeen Proving Grounds, MD**

*Field Epidemiology Lead*  
September 2012-July 2013

Assist in the coordination, planning, and execution of research investigations, field studies, and program evaluations relate to psychiatric epidemiology. Develop surveys. Provide training and oversee data collection. Analyze data, interpret, and disseminate rates, trends, and determinants of psychiatric health and fitness of the Army. Oversee a staff of one PhD epidemiologist; two masters level epidemiologists, and a data technician.

### **United States Army, Behavioral and Social Health Outcomes Program (BSHOP), Epidemiology and Disease Surveillance Portfolio (EDS), United States Army Institute of Public Health (USAPHC) Aberdeen Proving Grounds, MD**

*Epidemiologist/Analyst*

November 2010-September 2012

Contribute to the design and execution of epidemiological surveillance, analytical projects, and behavioral and social health investigations such as suicide, domestic violence, and child abuse and homicide rates. Recommending preventative measures and conduct continuous surveillance of medical information databases. Manage and analyze large datasets (N=182,000) for a retrospective case-control study. Write scientific reports and manuscripts.

### **Veterans Administration**

**San Diego, CA**

*Research Manager – GS 9 Step 2, Marine Resilience Study*, PIs Dewleen Baker, William Nash, Brett Litz

June 2009-October 2010

Managed the implementation of three components of a large integrated prospective study of active-duty Marines pre- and post- deployment. Oversaw off-site data collection on two military installations for extended time periods. Performed statistical analysis on a variety of data types, including: longitudinal, retrospective, and cross-sectional studies, with an emphasis on small sample sizes and non-parametric data. Examined studies with small sample applying bootstrapping methods combined with spline and mixed-method modeling. Handled multiple datasets to ensure consistency and accuracy. Wrote scientific manuscripts.

**Veterans Administration**

**San Diego, CA**

*Research Associate-GS 9, Marine Resilience Study*, PIs Dewleen Baker, William Nash, Brett Litz  
October 2008-June 2009

Cleaned, merged and organized various datasets to ensure consistency and accuracy. Conducted bivariate and multivariate statistical tests on multiple datasets in SAS, including multiple regression and mixed modeling. Performed primary analysis on time-series drug trials and clinical research studies. Trained three new research assistants.