

Alexander S. Perlmutter, MPhil, MPH

Curriculum vitae

January 25, 2021

Department of Epidemiology
Mailman School of Public Health
Columbia University
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New York, NY 10032
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Education

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| 2017-present | PhD candidate, Epidemiology, Columbia University
<i>Passed both qualifying exams, Dissertation defense by June 2022</i>
Dissertation sponsor: Kara Rudolph, PhD
Dissertation title: The effects of nicotine vaping on cannabis and prohibited substance initiation: Identification and estimation of total and indirect effects
Mailman School of Public Health
New York, NY |
| 2016-2020 | Trainee/Researcher, Université Paris Descartes,
METHODS Team, Centre de Recherche
d'Épidémiologie et Statistiques
Paris, France |
| 2014-2016 | MPH in Epidemiology, Columbia University Mailman
School of Public Health
New York, NY |

Research Support

5T32DA031099-03:

Epidemiology of Substance Use Disorders Training Program at Columbia University

Principal Investigators: Hasin, Deborah S.; Martins, Silvia M.

Columbia University

New York, NY, United States

Publications

Peer-reviewed articles

1. Mielenz TJ, Tian J, Silverman KD, Whalen AM, Kanno S, Durbin LL, **Perlmutter AS**, Xue QL. The association of pain levels and physical inactivity among older women. *Geriatrics*. 2021;6(103); doi.org/10.3390/geriatrics6040103
2. **Perlmutter AS**, Benchoufi M, Ravaud P, Tran VT. Identification of patient perceptions that can affect the uptake of interventions using Biometric Monitoring Devices: a systematic review of randomized controlled trials. *J Med Internet Res*. 2020;22:9. doi:10.2196/18986
3. **Perlmutter AS**, Rivera-Aguirre AE, Mauro PM, et al. Sex differences in nonmedical prescription tranquilizer and stimulant use trends among secondary school students in Argentina, Chile, and Uruguay. *Drug Alcohol Depend*. 2019;205:107607. doi:10.1016/j.drugalcdep.2019.107607
4. Mauro PM, Santaella-Tenorio J, **Perlmutter AS**, Hasin DS, Mauro CM, Martins SS (2018). Correct knowledge of medical cannabis legal status in one's own state: Differences between adolescents and adults in the United States, 2004–2013. *Addict. Behav.*;88:23-8. doi: 10.1016/j.addbeh.2018.07.021
5. Martins SS, Segura LE, Santaella-Tenorio J, **Perlmutter AS**, Fenton MC, Cerda M, Keyes KM, Ghandour LA, Storr CL, Hasin DS (2017) Prescription opioid use disorder and heroin use among 12-34-year-

olds in the United States from 2002 to 2014. *Addict behav.*; 65:236-241. doi:10.1016/j.addbeh.2016.08.033

6. **Perlmutter AS**, Tran VT, Dechartres A, Ravaud P (2016) Comparison of primary outcomes in protocols, public clinical-trial registries and publications: the example of oncology trials. *Ann Oncol* 1;28(4):688-695. doi:10.1093/annonc/mdw682
7. **Perlmutter AS**, Conner SC, Savone M, Kim JH, Segura LE, Martins SS (2016) Is employment status in adults over 25 years old associated with nonmedical prescription opioid and stimulant use? *Soc Psychiatry Psychiatr Epidemiol*;52(3):291-298. doi: 10.1007/s00127-016-1312-6

Book Chapters

1. Chen L-Y, **Perlmutter AS**, Segura L, Santaella-Tenorio J, Schleimer JP, Mendez M, et al. Nonmedical Prescription Drug Use in Adolescents and Young Adults. The Prescription Drug Abuse Epidemic: Incidence, Treatment, Prevention, and Policy. Santa Barbara: ABC-CLIO; 2018. p. 83-114.

Review Papers

1. **Perlmutter AS**, Bauman M, Mantha S, Segura LE, Ghandour L, Martins SS (2018) Nonmedical Prescription Drug Use Among Adolescents: Global Epidemiological Evidence for Prevention, Assessment, Diagnosis, and Treatment. *Curr Addict Rep* 5(2):120-7. doi.org/10.1007/s40429-018-0194-y.

In Preparation/Under Review

1. **Perlmutter AS**. To what extent may vaping cause initiation of cannabis and prohibited substances during adolescence and young adulthood through neurobehavioral mechanisms? (Dissertation paper 3 in preparation).

2. **Perlmutter AS**. To what extent may vaping cause initiation of cannabis and prohibited substances during adolescence and young adulthood? (Dissertation paper 2 in preparation)
3. **Perlmutter AS**. Evaluation of theories in studies on the prospective association between nicotine vaping and cannabis and prohibited substance use: A systematic review (Dissertation paper 1 in preparation).
4. **Perlmutter AS**, Segura LE, Martins SS, Morrison, CN. Asthma emergency department visits and retail availability of electronic nicotine delivery systems in California counties. (In preparation).
5. Segura LE, Levy N, **Perlmutter AS**, Martins SS. The association between prescription opioid misuse and suicidality in United States adolescents: NSDUH 2015-2017. (In preparation).

Invited Talks

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| 2022 | Examining vaping's possible unintended consequences on cannabis and prohibited substance initiation. American Psychopathological Association. New York, New York. |
| 2018 | Sex differences in nonmedical prescription tranquilizer and stimulant use among secondary school students in Argentina, Chile, and Uruguay. Society for Epidemiologic Research. Baltimore, Maryland. |

Conference Presentations

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| 2020 | Do asthma emergency department visits depend on electronic smoking device availability in California counties from 2013 to 2016? Society for Epidemiologic Research. Online. |
| 2020 | Do asthma emergency department visits depend on electronic smoking device availability in California counties from 2013 to 2016? American Psychopathological Association. New York, New York. |

- 2020 The association between prescription opioid misuse and suicidality in United States adolescents: NSDUH 2015-2017. American Psychopathological Association. New York, New York.
- 2019 Assessment of patient perceptions of interventions using biometric monitoring devices in randomized controlled trials: a systematic review. Society for Epidemiologic Research. Minneapolis, Minnesota.
- 2019 Nonmedical prescription opioid Use, heroin use, and cardiovascular disease. Society for Epidemiologic Research. Minneapolis, Minnesota.
- 2019 Medical marijuana use and trouble with the law: Does living in a state with a medical marijuana law modify the relationship? College on Problems of Drug Dependence. San Antonio, Texas.
- 2018 Sex differences in nonmedical prescription tranquilizer and stimulant use among secondary school students in Argentina, Chile, and Uruguay. College on Problems of Drug Dependence. San Diego, California.
- 2017 Associations between past-year marijuana use, arrests, and race/ethnicity among 18-49-year-olds in the United States, 2002-2015. College on Problems of Drug Dependence. Montreal, Quebec.
- 2015 Is employment status in adults over 25 years old associated with nonmedical prescription opioid and stimulant use? Association for Medical Education and Research in Substance Abuse, Washington, D.C.

Journal reviewer

- 2021- Drug and Alcohol Dependence
2 review completed

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| 2020- | Journal of Studies on Alcohol and Drugs
2 reviews completed |
| 2020- | Journal of Drug Issues
1 review completed |

Awards

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| 2019 | 3 rd Place Poster
Assessment of patient perceptions of interventions using biometric monitoring devices in randomized controlled trials: a systematic review. Society for Epidemiologic Research. Minneapolis, Minnesota.
Publication: doi:10.2196/18986 |
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Fellowships

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| 2017-present | 5T32DA031099-03: Epidemiology of Substance Use Disorders Training Program
PI: Hasin, Deborah S.
Columbia University, New York, NY, United States |
| 2016-2017 | Cofund INSPIRE – European Union Horizon 2020 Marie Skłodowska-Curie Action
Université Paris Diderot, Paris, France |

Research positions

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| 2021- | Research assistant, Causal inference course preparation. Rudolph, Kara. Columbia University, New York, NY |
| 2019-2020 | Research assistant, Grant proposal preparation. PI: Martins, Silvia. Columbia University, New York, NY |

- 2018 Research assistant, Longitudinal Research on Older Adult Drivers (LongROAD), AAA. PI: Li, Guohua, Supervisor: Thelma Mielenz. Columbia University, New York, NY
- 2018 Research assistant, Publication preparation for aging and pain research project, Supervisor: Thelma Mielenz. Columbia University, New York, NY
- 2017-2019 Research assistant, Health and social consequences of national marijuana legalization, 1R01DA040924-01A1. PI: Cerda, Magdalena. University of California Davis, Davis, CA
- 2016-2018 Research assistant, State medical marijuana laws and NSDUH marijuana use and consequences since 2004, 5R01DA037866-04. PI: Martins, Silvia. Columbia University, New York, NY
- 2015-2016 Research coordinator, World Trade Center Heart Study, 1U01-OH010722-01. Co-PIs: Morabia, Alfredo; Desvarieux, Moise. CUNY – Queens College, New York, NY

Teaching positions

Adjunct professor

- 2020-2021 GPH-GU 2106: Epidemiology, New York University, School of Global Public Health, undergraduate introductory course, spring

Teaching assistant

2022	P9440: Applying the Causal Roadmap to Single Timepoint and Longitudinal Data, Columbia University, Department of Epidemiology, PhD course, spring
2021	P6400 Epi I: Principles of Epidemiology, Columbia University, Department of Epidemiology, MS course, fall
2018-2021	P8400 Epi III: Applied Epidemiologic Analysis, Columbia University, Department of Epidemiology, second-year full-time MPH/part-time executive MPH course, fall, summer
2019-2021	P8490 Tutorial in Epidemiology, Columbia University, Department of Epidemiology, first- and second-year full-time MPH course, fall, spring, and summer
2019	P9400 Epi II: Design and Conduct of Observational Epidemiology, Columbia University, Department of Epidemiology, first-year full-time MPH course, spring
2019	P8440 Epidemiology of Cardiovascular Disease, Columbia University, Department of Epidemiology, chronic disease epidemiology required course, spring
2018	P9400 Epi IV: Critical thinking in Epidemiology, Columbia University, Department of Epidemiology, second-year executive MPH course, spring