

# Jonathan M. Platt, PhD, MPH

Assistant Professor in Epidemiology

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## EDUCATION

Ph.D.	<b>Columbia University</b> Department of Epidemiology	September 2019
M.P.H.	<b>Columbia University</b> Department of Epidemiology & Global Health	May 2013
B.A.	<b>University of Wisconsin, Madison</b> Anthropology & Environmental Studies	May 2006

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## PROFESSIONAL APPOINTMENTS

Assistant Professor Department of Epidemiology University of Iowa	August 2021 – present
Postdoctoral Merit Fellow in Epidemiology Department of Epidemiology Columbia University	September 2019 – August 2021
Pre-doctoral Fellow Psychiatric Epidemiology Training Program Columbia University National Institutes of Mental Health Grant T32-MH1304343	September 2014 - September 2019

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## PUBLICATIONS

### Peer-reviewed research

- Platt, J. M.**, Pamplin II, J. R., Gimbrone, C., Rutherford, C., Kandula, S., Olfson, M., Gould, M. S., Martínez-Alés, G., Shaman, J., & Keyes, K. (2022). Racial disparities in spatial and temporal youth suicide clusters. *Journal of the American Academy of Child & Adolescent Psychiatry*.
- Jager, J., Keyes, K. M., Son, D., Patrick, M. E., **Platt, J.**, & Schulenberg, J. E. (2022). Age 18–30 trajectories of binge drinking frequency and prevalence across the past 30 years for men and women: Delineating when and why historical trends reversed across age. *Development and Psychopathology*, 1–15.
- Grummitt, L. R., Kreski, N. T., Kim, S. G., **Platt, J.**, Keyes, K. M., & McLaughlin, K. A. (2021). Association of childhood adversity with morbidity and mortality in US adults: A systematic review. *JAMA Pediatrics*, 175(12), 1269–1278.
- Platt, J. M.**, Jager, J., Patrick, M. E., Kloska, D., Schulenberg, J., Rutherford, C., & Keyes, K. M. (2021). Forecasting future prevalence and gender differences in binge drinking among young adults through 2040. *Alcoholism: Clinical and Experimental Research*, 45(10), 2069–2079.
- Keyes, K. M., **Platt, J.**, Rutherford, C., Patrick, M. E., Kloska, D. D., Schulenberg, J., & Jager, J. (2021). Cohort effects on gender differences in alcohol use in the United States: How much is explained by changing attitudes towards women and gendered roles? *SSM-Population Health*, 15, 100919.
- McKetta, S., Prins, S. J., Bates, L. M., **Platt, J. M.**, & Keyes, K. M. (2021). US trends in binge drinking by gender, occupation, prestige, and work structure among adults in the midlife, 2006–2018. *Annals of Epidemiology*, 62, 22–29.
- Garg, P.K., **Platt, J. M.**, Hirsch, J., Hurvitz, P., Rundle, A., Biggs, M.L., Psaty, B., Moore, K., Lovasi, G., (2021). Association of Neighborhood Physical Activity Opportunities with Incident Cardiovascular Disease in the Cardiovascular Health Study. *Health and Place*, 70, 102596.
- Platt, J. M.**, Pozen, J., Ntaganira, J., Sezibera, V., Neugebauer, R. (2021). Gender differences in traumatic experiences and post-traumatic stress symptoms after the Rwandan Genocide against the Tutsi. *Journal of traumatic stress*, 34(4), 799–807.
- Weinberger, A.H., **Platt, J.M.**, Zhu, J., Levin, J., & Goodwin, R.D. (in press). Cigarette use and cannabis use disorder initiation, persistence, and relapse: Longitudinal data from a representative sample of US adults. *Journal of Clinical Psychiatry*.
- Platt, J. M.**, Bates, L. M., Jager, J., McLaughlin, K. A., & Keyes, K. M. (2021). Is the US gender gap in depression changing over time? A meta-regression. *American Journal of Epidemiology*, 190 (7), 1190-1206
- Gupta, A., ...**Platt, J.M.**, ... & Parikh, S. A. (2021). Association between antecedent statin

use and decreased mortality in hospitalized patients with COVID-19. *Nature communications*, 12(1), 1-9.

Prins, S. J., McKetta, S., **Platt, J. M.**, Muntaner, C., Keyes, K. M., & Bates, L. M. (2020). The Serpent of their Agonies”: Exploitation as Structural Determinant of Mental Illness. *Epidemiology*. doi:10.1097/ede.0000000000001304

Kreski, N., **Platt, J.**, Rutherford C., Olfson, M., Odgers, C., Schulenberg, J., Keyes, K.M. (2020). Social Media Use and Depressive Symptoms Among United States Adolescents. *Journal of Adolescent Health*. doi:10.1016/j.jadohealth.2020.07.006

Keyes, K. M., Jager, J., **Platt, J.**, Rutherford, C., Patrick, M. E., Kloska, D. D., & Schulenberg, J. (2020). When does attrition lead to biased estimates of alcohol consumption? Bias analysis for loss to follow-up in 30 longitudinal cohorts. *International Journal of Methods in Psychiatric Research*. doi:10.1002/mpr.1842

**Platt, J. M.**, Bates, L. M., Jager, J., McLaughlin, K. A., & Keyes, K. M. (2020). Changes in the depression gender gap from 1992 to 2014: Cohort effects and mediation by gendered social position. *Social Science & Medicine*, 258, 113088. doi:10.1016/j.socscimed.2020.113088

Geleris, J., Sun, Y., **Platt, J.**, Zucker, J., Baldwin, M., Hripcsak, G., ... Schluger, N. W. (2020). Observational Study of Hydroxychloroquine in Hospitalized Patients with Covid-19. *New England Journal of Medicine*. doi:10.1056/nejmoa2012410

Moeller, S. J., **Platt, J. M.**, Wu, M., & Goodwin, R. D. (2020). Perception of treatment need among adults with substance use disorders: Longitudinal data from a representative sample of adults in the United States. *Drug and Alcohol Dependence*, 107895. doi: 10.1016/j.drugalcdep.2020.107895

**Platt, J. M.**, Keyes, K. M., McLaughlin, K. A., & Kaufman, A. S. (2019). The Flynn effect for fluid IQ may not generalize to all ages or ability levels: A population-based study of 10,000 US adolescents. *Intelligence*, 77, 101385. doi:10.1016/j.intell.2019.101385.

Mall, S., **Platt, J.M.**, Temmingh, H., Musenge, E., Campbell, M., Susser, E., Stein, D.J. (2019). The relationship between childhood trauma and schizophrenia in the Genomics of Schizophrenia in the Xhosa people (SAX) study in South Africa. *Psychological Medicine*, 1-8. doi:10.1017/s0033291719001703.

Colich, N. L., **Platt, J. M.**, Keyes, K. M., Sumner, J. A., Allen, N. B., & McLaughlin, K. A. (2019). Earlier age at menarche as a transdiagnostic mechanism linking childhood trauma with multiple forms of psychopathology in adolescent girls. *Psychological medicine*, 1-9. doi:10.1017/s0033291719000953.

**Platt, J. M.**, Keyes, K. M., McLaughlin, K. A., & Kaufman, A. S. (2019). Intellectual disability and mental disorders in a US population representative sample of

adolescents. *Psychological medicine*, 1-10. doi:10.1017/s0033291718001605.

Prins, S. J., McKetta, S., **Platt, J.**, Muntaner, C., Keyes, K. M., & Bates, L. M. (2019). Mental illness, drinking, and the social division and structure of labor in the United States: 2003-2015. *American journal of industrial medicine*. doi:10.1002/ajim.22935.

McKetta, S., Prins, S. J., **Platt, J.**, Bates, L. M., & Keyes, K. (2018). Social sequencing to determine patterns in health and work-family trajectories for US women, 1968–2013. *SSM-population health*, 6, 301-308. doi:10.1016/j.ssmph.2018.10.003.

Shiau, S., Kahn, L. G., **Platt, J.**, Li, C., Guzman, J. T., Kornhauser, Z. G., ... & Martins, S. S. (2018). Evaluation of a flipped classroom approach to learning introductory epidemiology. *BMC medical education*, 18(1), 63. doi:10.1186/s12909-018-1150-1.

**Platt, J. M.**, Keyes, K. M., Kaufman, A. S., & McLaughlin, K. A. (2018). Targeted estimation of the relationship between childhood adversity and fluid intelligence in a US population sample of adolescents. *American journal of epidemiology*. doi:10.1093/aje/kwy006.

Weinberger, A. H., **Platt, J.**, Copeland, J., & Goodwin, R. D. (2018). Is Cannabis Use Associated with Increased Risk of Cigarette Smoking Initiation, Persistence, and Relapse? Longitudinal Data From a Representative Sample of US Adults. *The Journal of clinical psychiatry*, 79(2). doi:10.4088/jcp.17m11522.

**Platt, J. M.**, Colich, N. L., McLaughlin, K. A., Gary, D., & Keyes, K. M. (2017). Transdiagnostic psychiatric disorder risk associated with early age of menarche: A latent modeling approach. *Comprehensive Psychiatry*, 79, 70–79. doi:10.1016/j.comppsy.2017.06.010.

Weinberger, A. H., **Platt, J. M.**, Smith, P. H., & Goodwin, R. D. (2017). Racial/ethnic differences in self-reported withdrawal symptoms and quitting smoking three years later: A prospective, longitudinal examination of U.S. adults. *Nicotine & Tobacco Research*, 19(3), 373-378. doi:10.1093/ntr/ntw221.

Weinberger, A. H., **Platt, J. M.**, Esan, H., Galea, S., & Goodwin, R. D. (2017). Cigarette smoking is associated with increased risk of substance use disorder relapse: A nationally representative, prospective longitudinal investigation. *Journal of Clinical Psychiatry*, 78(2), e152-e160. doi:10.4088/jcp.15m10062.

**Platt, J. M.**, Keyes, K. M., & Galea, S. (2017). Efficiency or equity? Simulating the impact of high-risk and population intervention strategies for the prevention of disease. *SSM-Population Health*, 3, 1-8. doi:10.1016/j.ssmph.2016.11.002.

Keyes, K. M., **Platt, J. M.**, Kaufman, A. S., & McLaughlin, K. A. (2017). Association of fluid intelligence and psychiatric disorders in a population-representative sample of US adolescents. *JAMA psychiatry*, 74(2), 179-188. doi:10.1001/jamapsychiatry.2016.3723.

- Atwoli, L., **Platt, J. M.**, Basu, A., Williams, D. R., Stein, D. J., & Koenen, K. C. (2016). Associations between lifetime potentially traumatic events and chronic physical conditions in the South African Stress and Health Survey: a cross-sectional study. *BMC psychiatry*, *16*(1), 1. doi:10.1186/s12888-016-0929-z.
- Weinberger, A.H., **Platt, J. M.**, Shuter, J., & Goodwin, R.D. (2016). Gender differences in self-reported withdrawal symptoms and smoking reduction or abstinence three years later: A prospective, longitudinal examination of U.S. adults. *Drug and alcohol dependence*, *165*, 253-259. doi:10.1016/j.drugalcdep.2016.06.013.
- Platt, J. M.**, Lowe, S. R., Galea, S., Norris, F. H., & Koenen, K. C. (2016). A longitudinal study of the bidirectional relationship between social support and posttraumatic stress following a natural disaster. *Journal of traumatic stress*, *29*(3), 205-213. doi:10.1002/jts.22092.
- Weinberger, A.H., **Platt, J. M.**, & Goodwin, R.D. (2016). Is cannabis use associated with an increased risk of onset and persistence of alcohol use disorders? A three-year prospective study among adults in the United States. *Drug and alcohol dependence*, *161*, 363-367. doi:10.1016/j.drugalcdep.2016.08.586.
- Platt, J. M.**, Prins, S.J., Bates, L.M., & Keyes, K.M. (2016). Unequal depression for equal work? How the wage gap explains gendered disparities in mood disorders. *Social Science & Medicine*, *149*, 1-8. doi:10.1016/j.socscimed.2015.11.056.
- Weinberger, A. H., **Platt, J. M.**, Jiang, B., & Goodwin, R. D. (2015). Cigarette Smoking and Risk of Alcohol Use Relapse Among Adults in Recovery from Alcohol Use Disorders. *Alcoholism: Clinical and Experimental Research*, *39*(10), 1989-1996. doi:10.1016/j.drugalcdep.2015.07.636.
- Atwoli, L., **Platt, J. M.**, Williams, D. R., Stein, D. J., & Koenen, K. C. (2015). Association between witnessing traumatic events and psychopathology in the South African Stress and Health Study. *Social psychiatry and psychiatric epidemiology*, 1-8. doi:10.1007/s00127-015-1046-x.
- Weinberger, A. H., **Platt, J.M.**, Galea, S., & Goodwin, R. (2015). Cigarette smoking and risk of substance use and substance use disorder relapse among adults in recovery. *Drug and Alcohol Dependence*, *100*(156), e236.
- Platt, J. M.**, Keyes, K. M., & Koenen, K. C. (2014). Size of the social network versus quality of social support: which is more protective against PTSD? *Social psychiatry and psychiatric epidemiology*, *49*(8), 1279-1286. doi:10.1007/s00127-013-0798-4.

## Book chapters

**Platt, J. M.,** Galea, S., & Keyes, K. M. (2016). Case Study: Can We Reduce Obesity by Encouraging People to Eat Healthy Food? In: K. M. Keyes & S. Galea (Eds.), Population Health Science (pgs. 157-170). Oxford University Press.

**Platt, J. M.,** Galea, S., & Keyes, K. M. (2016). Case Study: Simulating the Impact of High-Risk and Population Intervention Strategies for the Prevention of Disease. In: Keyes, K. M., & Galea, S. Population Health Science (pgs. 171-190). Oxford University Press.

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## **AWARDS**

The William Farr Award May 2019  
Awarded by Columbia University for commitment to understanding or addressing the causes of social inequalities in health and for achievement and promise in the field of Epidemiology.

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## **TEACHING EXPERIENCE**

### **Undergraduate level**

Instructor Fall 2017  
Introductory Epidemiology  
Bard Prison Initiative

### **Graduate level**

Senior Teaching Assistant Fall 2015, 2016, 2017  
Introduction to Epidemiologic methods (P6400)  
Department of Epidemiology  
Columbia University

Teaching Assistant Spring 2015, 2016, 2017, 2018  
Principles of Measurement (P8417) Spring 2013; Spring 2016  
Design & Conduct of Observational  
Epidemiology (P8438)  
Psychiatric Epidemiology (P8410) Fall 2016  
Intermediate Epidemiology (P8400) Summer 2016  
Graduate Thesis Writing Seminar (P9419) Fall 2015  
Department of Epidemiology  
Columbia University

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## RESEARCH EXPERIENCE

Graduate Research Assistant Department of Epidemiology Columbia University	January 2013 – August 2014
Field Research Fellow Department of Strategic Information and Research ICAP Mozambique, Columbia University	April 2012 – January 2013
Peace Corps Volunteer US Peace Corps Mchinji, Malawi	March 2007 – April 2009

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## SERVICE

<b>Review Editor</b> Frontiers in Global Women's Health	2020 – present
<b>Ad-hoc reviewer</b> American Journal of Epidemiology Current Opinion in Psychology Drug and Alcohol Dependence Psychological Medicine Psychological Trauma: Theory, Research, Practice, and Policy Social Psychiatry and Psychiatric Epidemiology Social Science & Medicine Women's Health Issues	2018 – present 2017 – present 2017 – present 2018 – present 2019 – present 2014 – present 2017 – present 2016 – present
<b>Member</b> Society for Epidemiologic Research Population Association of America	2015 – present 2017 – present

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## PRESENTATIONS

### Invited talks

European Public Health Association  
Marseille, France, 2019

**Conference presentations**

Society for Epidemiologic Research annual meeting

Virtual. June 2021

Understanding time trends and spatial clustering in Adolescent suicides.

Population Association of America annual meeting

Virtual. May 2021

Racial Disparities in Spatial and Temporal Adolescent Suicides Clusters.

Society for Epidemiologic Research annual meeting

Virtual. December 2020

Changes in the depression gender gap from 1992-2014: cohort effects and mediation by gendered social position.

Population Association of America annual meeting

Virtual. April 2020

Do pro-family employee benefits mitigate the burden of competing workplace and domestic roles on women's depressive symptoms?

Gerontological Society of America

Austin, TX, October 2019

The bidirectional relationship between aging in place and cognitive decline.

Society for Epidemiologic Research annual meeting

Minneapolis MN. June 2019

Beyond "is race a cause?" - Bringing critical race theory into epidemiology (co-organizer).

Society for Epidemiologic Research annual meeting

Baltimore, MD. June 2018

Structural positivity considerations when estimating causal effects in the context of segregation.

Region 2 Public Health Training

Webinar. July 2017

Understanding depression differences through a dynamic framework of gender.

Society for Epidemiologic Research annual meeting

Seattle, WA. June 2017

Targeted effects of childhood adversity on fluid intelligence in a national sample of adolescents.

Population Association of America annual meeting



Chicago, IL. April 2017

Investigating the Mental Health-Related Consequences of the Gender Wage Gap Over Time with Marginal Structural Models.

American Psychopathological Association annual meeting

New York, NY. March 2017

Transdiagnostic psychiatric disorder risk from early and late age of menarche: a latent modeling approach.

Epidemiology Congress of the Americas

Miami, FL. June 2016

Efficiency or equity? Simulating the impact of high-risk and population strategies for the prevention of disease.

NIMH Psychiatric Epidemiology Fellows annual meeting

Columbia University, March 2016

Unequal depression for equal work? How the wage gap explains gendered disparities in mood disorders.

Society for Epidemiologic Research annual meeting

Denver, CO. June 2015

A longitudinal study of the bidirectional relationship between social support and posttraumatic stress symptoms following a natural disaster.

American Psychopathological Association annual meeting

New York, NY. March 2013

Is quality or quantity more important? social support within post-traumatic stress disorder etiology.

Clinton Foundation Global University

Washington DC. March 2012

Measuring implicit HIV stigma among health care trainees.