

DATE OF PREPARATION OF CV: JUNE 15TH, 2012

PERSONAL DATA

Katherine M. Wild (née Keyes), PhD MPH

Birth date: April 8th, 1980

Birthplace: Minneapolis, MN

Citizenship: USA

Institutional affiliations:

Department of Epidemiology
Columbia University
722 West 168th Street
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Department of Clinical Phenomenology
New York State Psychiatric Institute
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ACADEMIC TRAINING

University of Minnesota
Bachelor of Science, with Honors
Business Administration

September 1998 – December 2001
Minneapolis, MN

University of Minnesota
Bachelor of Arts, with Honors
Theatre Arts and Dance

September 1998 – December 2001
Minneapolis, MN

Columbia University
Master of Public Health
Epidemiology

September 2004 – May 2006
New York, NY

Columbia University
Doctor of Philosophy
Epidemiology

September 2006 – June 2010
New York, NY

Dissertation title: "Ecologic-level disapproval and the prevalence of substance use: a multi-level age-period-cohort analysis of high-school attending adolescents in the United States."

Defended with academic distinction June 2nd, 2010

TRAINEESHIP

Columbia University, New York, NY
Columbia University Epidemiology Merit Fellow

June 2010 – January 2012

ACADEMIC APPOINTMENTS

Assistant Professor of Epidemiology
Department of Epidemiology
Columbia University Mailman School of Public Health

February 2012-present
New York, NY

PROFESSIONAL ORGANIZATIONS AND SOCIETIES

American Psychopathological Association (2006-present)
Research Society on Alcoholism (2006-present)
Society for Epidemiologic Research (2007-present)
American Psychological Association, Division 50 (2009-present)
American Public Health Association (2009-present)

SELECTED HONORS AND AWARDS

Student Merit Travel Award, Research Society on Alcoholism, 2006
Women & Gender Junior Investigator Award, College on Problems of Drug Dependence, 2006
Finalist, Gordis Award for outstanding student research, Research Society on Alcoholism, 2007
Student Merit Travel Award, Research Society on Alcoholism, 2007
Lilienfeld Prize for Student Research, Society for Epidemiologic Research, 2008
Gordis Award for outstanding student research, Research Society on Alcoholism, 2008
Student Merit Travel Award, Research Society on Alcoholism, 2008
National Institute of Drug Abuse Travel Award, American Psychological Association, 2009
First place, Division 50 Student Poster Competition, American Psychological Association, 2009
Student award, Epidemiology Section, American Public Health Association, 2009
Student Merit Travel Award, Research Society on Alcoholism, 2009
William Farr Award in Epidemiology, Columbia University, 2010
Robert Wood Johnson Health and Society Scholars Fellowship, 2010 (declined)
Columbia Psychiatric-Neurological Epidemiology Early Investigator Award, 2012

FELLOWSHIP AND GRANT SUPPORT

PAST

Research Associate Award: “The longitudinal emergence of racial/ethnic differences in alcohol use disorders and depression from adolescence to adulthood” (PI: Keyes)

Role on project: Principal Investigator

Dates of funding: September 2011 – June 2012

Funder: Columbia University

Direct costs: \$30,000.00.

“Period and cohort effects in adolescent substance use: testing the effects of the social environment in a time series of U.S. adolescents from 1976-2008” (PI: Keyes)

Role on project: Principal Investigator

Dates of funding: December 2010 – June 2011

Funder: Robert Wood Johnson Health & Society Scholars Program at Columbia University

Direct costs: \$10,000.00

“Age-period-cohort effects on substance use in adolescence, 1976-2006” (PI: Keyes)

Role on project: Principal Investigator

Dates of funding: June 2009 – October 2011 (electively terminated June 2010 due to early graduation)

Funder: National Institute on Drug Abuse (NIDA) F31 DA026689-01

Description: Ruth L. Kirschstein National Research Service Award (NRSA) provides support for tuition, living expenses, and research activities

Psychiatric Epidemiology Training Program, Columbia University (PI: Link)

Role on project: Trainee

Dates of funding: September 2006 – June 2009

Funder: National Institute of Mental Health (NIMH) T32 MH013043-36

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

TEACHING EXPERIENCE AND RESPONSIBILITIES

Role: Instructor

- MSPH Core: Quantitative Foundations, 2012

Role: Instructor

- EPIC Summer Institute: *Analysis of Complex Survey Data*, 2011, 2012

Role: Course Director

- EPID P6400: *Principles of Epidemiology*, 2010, 2011

Role: Assistant Course Director

- EPID P6400: *Principles of Epidemiology*, 2008, 2009

Role: Seminar leader

- EPID P6400: *Principles of Epidemiology*, 2006, 2007, 2008

Role: Teaching assistant

- EPID P8421: *Introduction to Clinical Psychiatry for Public Health* (Larry Amsel, Professor), 2006
- EPID P8471: *Social Epidemiology* (Lisa Bates, Professor), 2008

- EPID P8419: *Reading Seminar in Psychiatric Epidemiology* (Bruce Link, Professor), 2009
- EPID P8470: *Epidemiology of Alcohol and Drug Problems* (Deborah Hasin, Professor), 2010

Role: Guest lecturer

- MPH Core Module 202-206: *Principles of Epidemiology* (Moise Desvarieux, Course Director), École des hautes études en santé publique, Paris, France, 2011
- EPID P9419: *Master's Essay in Epidemiology* (Renee Goodwin, Professor), 2008, 2009, 2010, 2011, 2012
- EPID P8416: *Selected Problems in Measurement* (Lawrence Yang, Professor), 2010, 2011
- EPID P8471: *Social Epidemiology* (Lisa Bates, Professor), 2010
- EPID P8419: *Reading Seminar in Psychiatric Epidemiology* (Bruce Link, Professor), 2009, 2010, 2011

STUDENT ADVISEES

- Master's student advisor:
Mary Elizabeth Smith, 2010 (thesis, second reader)
Pedro Carneiro, 2011 (thesis, second reader)
Bryan Kutner, 2011 (thesis, second reader)
Erin Gilbert, 2011 (thesis, second reader)
Xinfan Liu, 2011 (thesis, second reader)

OTHER PROFESSIONAL ACTIVITIES

JOURNAL EDITING

BMC Psychiatry, Associate Editor, 2011 to present

JOURNAL REVIEW (SELECTION)

Addiction; Alcoholism: Clinical and Experimental Research; American Journal of Epidemiology; American Journal of Epidemiology; American Journal of Public Health; British Journal of Psychiatry; Drug and Alcohol Dependence; Epidemiology; International Journal of Epidemiology; Journal of Traumatic Stress; Journal of Psychiatric Research; Journal of Studies on Alcohol and Drugs; PLoS One; Psychological Medicine; Social Psychiatry and Psychiatric Epidemiology; Social Science and Medicine; Substance Abuse Treatment, Prevention, and Policy

ABSTRACT REVIEW

Society for Epidemiologic Research

PUBLICATIONS

PEER-REVIEWED JOURNAL PUBLICATIONS

1. Hasin DS, Hatzenbuehler ML, **Keyes KM**, Ogburn E. 2006. Substance use disorders: Diagnostic and Statistical Manual of Mental Disorders, fourth edition (DSM-IV) and International Classification of Diseases, tenth edition (ICD-10). Addiction, (101 Suppl 1): 59-75. PMID: 16930162
2. Hasin DS, **Keyes KM**, Hatzenbuehler M, Aharonovich E, Alderson D. 2007. Effects of physical proximity, loss, and previously-assessed history on alcohol use and traumatic stress symptoms following terrorist attacks. American Journal of Public Health, 97(12):2268-75. PMID: 17971553
3. Goodwin RD, **Keyes KM**, Simuro N. 2007. Cigarette use and mental disorders during pregnancy. American Journal of Obstetrics and Gynecology, 109(4):875-83. PMID: 17400849
4. Goodwin RD, Zvolensky, MJ, **Keyes KM**. 2008. Nicotine dependence and mental disorders among adults in the United States. Evaluating the role of mode of administration. Psychological Medicine, 43(3):1471-1477. PMID: 18366824
5. **Keyes KM**, Hatzenbuehler ML, Alberti PM, Narrow WE, Grant BF, Hasin DS. 2008. Service utilization differences for axis I psychiatric and substance use disorders between white and black adults. Psychiatric Services, 59(8):893-901. PMID: 18678687
6. Beseler C, Aharonovich E, **Keyes KM**, Hasin DS. 2008. Adult transition from at-risk drinking to alcohol dependence: The relationship of family history and drinking motives. Alcoholism: Clinical and Experimental Research, 32(4):607-16. PMID: 18341650
7. Heiman G, Ogburn E, Gorroochurn P, **Keyes KM**, Hasin D. 2008. Evidence for a two-stage model of dependence using the NESARC and its implications for genetic association studies. Drug and Alcohol Dependence, 92(1-3), 258-266. PMID: 17933473
8. **Keyes KM**, Martins SS, Hasin DS. 2008. Past 12-month and lifetime comorbidity and poly-drug use of ecstasy users among young adults in the United States: Results from the National Epidemiologic Survey on Alcohol and Related Conditions. Drug and Alcohol Dependence, 97(1-2): 139-149. PMID: 18524499
9. Vesga-Lopez O, Blanco C, **Keyes KM**, Olfson M, Grant BF, Hasin DS. 2008. Psychiatric disorders in pregnant and postpartum women in the United States. Archives of General Psychiatry, 65(7):805-15. PMID: 18606953
10. Hatzenbuehler ML, **Keyes KM**, Narrow WE, Grant BF, Hasin DS. 2008. Racial/Ethnic disparities in service utilization for mental health and substance disorders: comorbid

individuals in the general population. Journal of Clinical Psychiatry, 69(7):1112-1121. PMID: 18517286

11. **Keyes KM**, Hasin DS. 2008. Socio-economic status and problem alcohol use: the positive relationship between income and the DSM-IV alcohol abuse diagnosis. Addiction, 103(7):1120-30. PMID: 18494841
12. Thompson R, Lizardi D, **Keyes KM**, Hasin DS. 2008. Childhood or Adolescent Parental Divorce/Separation, Parental History of Alcohol Problems, and Offspring Lifetime Alcohol Dependence. Drug and Alcohol Dependence, 98(3):264-269. PMID: 18757141
13. **Keyes KM**, Grant BF, Hasin DS. 2008. Evidence for a closing gender gap in alcohol use, abuse, and dependence in the United States population. Drug and Alcohol Dependence, 93(1-2): 21-29. PMID: 17980512
14. Hasin D, **Keyes KM**, Alderson D, Wang S, Aharonovich E, Grant B. 2008. Cannabis withdrawal in the United States: Results from the NESARC. Journal of Clinical Psychiatry, 69(9):1354-63. PMID: 19012815
15. Goodwin R, Davidson KW, **Keyes KM**. 2009. Mental disorders and cardiovascular disease among adults in the United States. Journal of Psychiatric Research, 43(3): 239-246. PMID: 18614179
16. Hatzenbuehler ML, **Keyes KM**, Hasin DS. 2009. Associations between perceived weight discrimination and the prevalence of psychiatric disorders in the general population. Obesity, 17(11):2033-2039. PMID: 19390520
17. Goodwin, RD, **Keyes KM**, Hasin DS. 2009. Changes in cigarette use and nicotine dependence in the United States. American Journal of Public Health, 99(8):1471-1477. PMID: 19008515
18. Pilowsky D, **Keyes KM**, Hasin DS. 2009. Adverse Childhood Events and Adult Alcohol Dependence. American Journal of Public Health, 99(2):258-263. PMID: 19059847
19. Goodwin RD, **Keyes KM**, Stein MB, Talley NJ. 2009. Peptic ulcer and mental disorders among adults in the community: The role of nicotine and alcohol use disorders. Psychosomatic Medicine, 71(4):463-468. PMID: 19443694
20. Martins SS, **Keyes KM**, Storr CL, Zhu H, Chilcoat, HD. 2009. Pathways between nonmedical opioid use/dependence and psychiatric disorders: results from the National Epidemiologic Survey on Alcohol and Related Conditions. Drug and Alcohol Dependence, 103(1-2):16-24. PMID: 19414225
21. **Keyes KM**, Geier T, Grant BF, Hasin DS. 2009. Influence of a drinking quantity and frequency measure on the prevalence and demographic correlates of DSM-IV alcohol

- dependence. Alcoholism: Clinical and Experimental Research, 33(5):761-771. PMID: 19298332
22. Lizardi D, Thompson R, **Keyes KM**, Hasin DS. 2009. Parental divorce, parental depression, and gender differences in adult offspring suicide attempt. Journal of Nervous and Mental Disease, 197(12):899-904. PMID: 20010025
 23. Hatzenbuehler ML, **Keyes KM**, Hasin DS. 2009. State-level policies and psychiatric morbidity in lesbian, gay, and bisexual populations. American Journal of Public Health, 99(12):2275-2281. PMID: 19833997
 24. Hatzenbuehler ML, McLaughlin K, **Keyes KM**. The impact of discriminatory laws on psychopathology in LGB populations: A prospective study. 2010. American Journal of Public Health, 100(3):452-459. PMID: 20075314
 25. Baca-Garcia E, Perez-Rodriguez M, **Keyes KM**, Oquendo MA, Hasin DS, Grant BF, Blanco C. 2010. Suicidal ideation and suicide attempts in the United States: 1991-1992 and 2001-2002. Molecular Psychiatry, 15(3):250-259. PMID: 18779820
 26. **Keyes KM**, Utz R, Robinson W, Li G. 2010. What is a cohort effect? Comparison of three statistical methods to model cohort effects in obesity prevalence in the United States, 1971-2006. Social Science and Medicine, 70:1100-1108.
 27. McLaughlin K, Hatzenbuehler M, **Keyes KM**. 2010. Responses to Discrimination and Psychiatric Disorders in the United States. American Journal of Public Health, 100(8):1477-1484. PMID: 20558791
 28. Martins SS, **Keyes KM**, Storr CL, Zhu H, Grucza, RA. 2010. Birth cohort trends in lifetime and past-year nonmedical opioid use and past-year nonmedical opioid disorders: results from two national surveys. Journal of Studies on Alcohol and Drugs, 71(4):480-487. PMID: 20553656
 29. Shmulewitz D, **Keyes KM**, Beseler C, Aharonovich E, Aivadyan C, Spivak B, Hasin DS. 2010. The dimensionality of alcohol use disorders: Results from Israel. Drug and Alcohol Dependence, 111(1-2):146-154. PMID: 20537809
 30. **Keyes KM**, Martins SS, Blanco CB, Hasin DS. 2010. Telescoping and gender differences in alcohol dependence: new evidence from two national surveys. American Journal of Psychiatry, 167(8):969-976. PMID: 20439391
 31. Fenton M, **Keyes KM**, Martins S, Hasin DS. 2010. Use, abuse and dependence on anxiety medications: the role of a prescription. American Journal of Psychiatry, 167(10):1247-1253. PMID: 20595413
 32. **Keyes KM**, Li G. 2010. A multi-phase method for estimating cohort effects in age-period contingency table data. Annals of Epidemiology, 20(10):779-785. PMID: 20627769

33. Lizardi D, Thompson R, **Keyes KM**, Hasin DS. 2010. The role of depression in the differential effect of childhood parental divorces on male and female adult offspring suicide attempt risk. Journal of Nervous and Mental Diseases, 198(9):687-690. PMID: 20823733.
34. **Keyes KM**, Hatzenbuehler ML, McLaughlin K, Link BG, Olfson M, Grant B, Hasin DS. 2010. Stigma and treatment for alcohol disorders in the United States. American Journal of Epidemiology, 172(12):1364-1372. PMID: 21044992
35. **Keyes KM**, Krueger RF, Grant BF, Hasin DS. 2011. Alcohol craving and the dimensionality of alcohol disorders. Psychological Medicine, 41(3):629-640. PMID: 20459881
36. **Keyes KM**, Keyes MA, March D, Susser E. 2011. Levels of risk: maternal-, middle childhood-, and neighborhood-level predictors of adolescent disinhibitory behaviors from a longitudinal birth cohort in the United States. Mental Health and Substance Use, 4(1):22-37. PMID: 21483643.
37. Eaton N, Krueger RF, **Keyes KM**, Skodol A, Markon K, Grant B, Hasin D. 2011. Borderline Personality Disorder Comorbidity: relationship to the internalizing-externalizing structure of common mental disorders. Psychological Medicine, 41(5):1041-1050. PMID: 20836905
38. Baca-Garcia E, Perez-Rodriguez MM, **Keyes KM**, Oquendo MA, Hasin DS, Grant BF, Blanco C. 2011. Suicidal ideation and suicide attempts among Hispanic subgroups in the United States: 1991-1992 and 2001-2002. Journal of Psychiatric Research, 45(4):512-518. PMID: 20937507.
39. Skodol AE, Grilo CM, **Keyes KM**, Geier T, Grant BF, Hasin DS. 2011. Relationship of Personality Disorders to the Course of Major Depressive Disorder in a Nationally Representative Sample. American Journal of Psychiatry, 168(3):257-264. PMID: 21245088.
40. **Keyes KM**, Barnes D, Bates L. 2011. Stress, coping, and depression: testing a new hypothesis in a prospectively studied general population sample of U.S. born Whites and Blacks. Social Science and Medicine, 72(5):650-659. PMID: 21227557.
41. **Keyes KM**, Martins S, Hatzenbuehler ML, Bates L, Blanco C, Hasin DS. 2011. Mental health service utilization for psychiatric disorders among Hispanics living in the United States: differences by ethnic subgroup and acculturation. Social Psychiatry and Psychiatric Epidemiology. Epub Feb 3. PMID: 21290097
42. Hatzenbuehler ML, **Keyes KM**, McLaughlin K. 2011. The protective effects of social/contextual factors on psychiatric morbidity in LGB population. International Journal of Epidemiology, 40(4):1071-80. PMID: 21330343.
43. Goodwin RD, Lipsitz JD, **Keyes KM**, Galea S, Fyer AJ. 2011. Alcohol use disorders in first-degree relatives of adults with panic disorder in the community. Journal of Psychiatric Research, 45(8):1123-7. PMID: 21334007.

44. **Keyes KM**, Hatzenbuehler ML, Hasin DS. 2011. Stressful life experiences and alcohol: Epidemiologic perspective. Psychopharmacology, 218(1):1-17. PMID: 21373787.
45. **Keyes KM**, Schulenberg JS, O'Malley PE, Johnston LD, Bachman JG, Li G, Hasin DS. 2011. The social norms of birth cohorts and adolescent marijuana use, 1976-2007. Addiction, Epub May 6. PMID: 21545669.
46. Shmulewitz D, **Keyes KM**, Wall MM, Aharonovich E, Aivadyan C, Greenstein E, Spivak B, Weizman A, Frisch A, Grant BF, Hasin DS. 2011. Nicotine dependence, abuse, and craving: dimensionality in an Israeli sample. Addiction, 106(9):1675-86. PMID: 21545668.
47. Hatzenbueher ML, Wieringa NF, **Keyes KM**. 2011. Community-level determinants of tobacco use disparities in LGB youth: Results from a population-based study. Archives of Pediatrics and Adolescent Medicine, 165(6): 527-32. PMID: 21646585.
48. Baca-Garcia E, Perez-Rodriguez MM, Oquendo MA, **Keyes KM**, Hasin DS, Grant BF, Blanco C. Estimating risk for suicide attempt: are we asking the right questions? Passive suicidal ideation as a marker for suicidal behavior. Journal of Affective Disorders, Epub Jul 22. PMID: 21784532.
49. Wall M, Poh E, Cerda M, **Keyes KM**, Galea S, Hasin DS. 2011. Adolescent marijuana use from 2002-2008 was higher in states with medical marijuana laws. Annals of Epidemiology, 21(9):714-716. PMID: 21820632.
50. Eaton, NR, **Keyes KM**, Krueger, RF, Balsis S, Skodol AE, Markon KE, Grant BF, Hasin DS. 2011. An Invariant Dimensional Liability Model of Gender Differences in Mental Disorder Prevalence: Evidence from a National Sample. Journal of Abnormal Psychology, Aug 15 Epub. PMID: 21842958.
51. **Keyes KM**, Li G, Hasin DS. 2011. Birth cohort effects and gender differences in alcohol epidemiology: a review and synthesis. Alcoholism: Clinical and Experimental Research, 35(12):2101-2012. PMID: 21919918.
52. Lee SY, Martins SM, **Keyes KM**, Lee HB. 2011. Mental Health Service Use by Persons of Asian Ancestry With DSM-IV Mental Disorders in the United States. Psychiatric Services, 62(10): 1180-6. PMID: 21969644.
53. **Keyes KM**, Liu XC, Cerda M. 2011. The role of race/ethnicity in alcohol-attributable injury in the U.S. Epidemiologic Reviews, ePub Sep 19. PMID: 21930592.
54. Martins SS, Fenton MC, **Keyes KM**, Blanco C, Zhu H, Storr CL. 2011. Mood/Anxiety disorders and their association with non-medical prescription opioid use and prescription opioid use disorder: longitudinal evidence from the National Epidemiologic Study on Alcohol and Related Conditions. Psychological Medicine, ePub Oct 17. PMID: 21999943.

55. Hankerson SH, Fenton MC, Geier TJ, **Keyes KM**, Weissman MM, Hasin DS. 2011. Racial Differences in Symptoms, Comorbidity, and Treatment for Major Depressive Disorder among Black and White Adults. Journal of the National Medical Association, 103(7):576-84. PMID: 21999032.
56. **Keyes KM**, McLaughlin K, Koenen KC, Goldmann E, Uddin M, Galea S. 2011. Child maltreatment increases sensitivity to adverse social contexts: Neighborhood disorganization and incident binge drinking in Detroit. Drug and Alcohol Dependence, ePub Oct 5. PMID: 21981990.
57. Hasin DS, Fenton M, Skodal A, Krueger R, **Keyes KM**, Blanco C, Johnson J, Geier T, Grant B. 2011. Persistence of alcohol dependence in a prospective general population study: the influence of Axis I and II disorders, and other characteristics. Archives of General Psychiatry, 68(11):1158-1167. PMID: 22065531.
58. McLaughlin K, Nandi A, **Keyes KM**, Uddin M, Aiello AE, Galea S, Koenen KC. 2011. Home foreclosure and risk of psychiatric morbidity during the recent financial crisis. Psychological Medicine, ePub Nov 21. PMID: 22099861.
59. **Keyes KM**, Eaton N, Krueger RF, McLaughlin K, Wall M, Grant BF, Hasin DS. 2011. Childhood maltreatment and the structure of common psychiatric disorders. British Journal of Psychiatry, ePub Dec 8. PMID: 22157798.
60. **Keyes KM**, Susser E, Chestlack-Postava K, Fountain C, Liu K, Bearman P. 2011. Cohort effects explain the increase in autism diagnosis among children born from 1992 to 2003 in California. International Journal of Epidemiology, ePub Dec 7. PMID: 22253308.
61. Robinson WC, Martin C, **Keyes KM**, Utz R, Yang Y. 2012. Birth cohort effects among US-born adults born in the 1980s: foreshadowing future trends in US obesity prevalence. International Journal of Obesity, Epub May 1. PMID: 22546778.
62. Cerda M, Wall M, **Keyes KM**, Galea S, Hasin DS. 2012. Medical marijuana laws in 50 states: investigating the impact of state legalization of medical marijuana and marijuana use, abuse and dependence. Drug and Alcohol Dependence, 120(1-3):22-27.
63. Fenton M, **Keyes KM**, Geier T, Greenstein E, Skodol A, Krueger RF, Hasin D. 2012. Psychiatric comorbidity and the persistence of drug use disorders in the United States. Addiction, 107(3):599-609.

IN PRESS

64. Goodwin RD, Zvolensky MJ, **Keyes KM**, Hasin DS. Mental disorders and cigarette use among adults in the United States. American Journal on Addictions, in press.
65. **Keyes KM**, Hatzenbuehler M, Grant BF, Hasin D. Stress and Alcohol: Epidemiologic Evidence. Alcohol Research & Health, in press.

66. **Keyes KM**, Schulenberg JE, O'Malley PM, Johnston LD, Bachman JG, Li G, Hasin DS. Birth cohort effects on adolescent alcohol use: The influence of social norms from 1976-2007. Archives of General Psychiatry, in press.
67. Eaton N, Krueger RF, Markon K, **Keyes KM**, Skodol AE, Wall M, Hasin DS, Grant BF. The Structure, Continuity, and Predictive Validity of the Internalizing Disorders. Journal of Abnormal Psychology, in press
68. Shmulewitz D, Wall MM, **Keyes KM**, Aharonovich E, Aivadyan C, Greenstein E, Spivak B, Weizman A, Frisch A, Hasin DS. Alcohol use disorders and perceived drinking norms: ethnic differences in Israeli adults. Journal of Studies on Alcohol and Drugs, in press.
69. Pilowsky D, **Keyes KM**, Geier T, Hasin DS. Stressful Life Events and Relapse Among Formerly Alcohol Dependent Adults. Social Work in Mental Health, in press.
70. Fenton MC, Geier T, **Keyes KM**, Skodol AE, Grant BF, Hasin DS. Combined Role of Childhood Maltreatment, Family History, and Gender in the Risk for Alcohol Dependence. Psychological Medicine, in press.
71. **Keyes KM**, March D, Link BG, Chilcoat HD, Susser E. Do socio-economic gradients in smoking emerge differently among women? Implications for the tobacco epidemic. Social Science and Medicine, in press.

SUBMITTED FOR PEER REVIEW

1. Ananth CV, **Keyes KM**, Wapner RJ. Increases in Preeclampsia Rates in the United States 1980-2010: An Evaluation of Age-Period-Cohort Effects.
2. Carragher N, Krueger RF, Eaton NR, Markon KE, **Keyes KM**, Blanco C, Hasin DS. The Continuous Nature of the Externalizing Spectrum: Evidence from a Direct Comparison of Categorical, Continuous, and Hybrid Models of Liability in a Nationally Representative Sample
3. Cerda M, Bordelois PM, **Keyes KM**, Galea S, Koenen KC, Pardini D. Cumulative and Recent Psychiatric Symptoms as Predictors of Substance Use Onset: Does Timing Matter?
4. Cerda M, Rando Y, **Keyes KM**, Koenen KC, Tardiff KJ, Vlahov D, Galea S. Prescription opiate mortality trends in New York City, 1990-2006: examining the emergence of an epidemic.
5. Cerda M, Rando Y, **Keyes KM**, Koenen KC, Tardiff KJ, Vlahov D, Galea S. Revisiting the role of the urban environment in substance use. The case of analgesic overdose fatalities.

6. Kahn S, Okuda M, Hasin DS, Secades-Villa R, **Keyes KM**, Lin K, Grant B, Blanco C. Gender differences in Lifetime Alcohol Dependence: Results from the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC).
7. **Keyes KM**, Brown S, Morrison DS. A novel perspective on birth cohort effects on female breast cancer incidence: results from a national registry of 53,374 cancers diagnosed between 1975 and 2005.
8. **Keyes KM**, McLaughlin K, Demmer R, Cerda M, Koenen K, Uddin M, Galea S. A prospective study to assess the relation between different traumatic events and the risk of six physical health conditions in a population-based sample.
9. **Keyes KM**, Davey Smith G, Susser E. Associations of prenatal maternal smoking and offspring hyperactivity: causal or confounded?
10. **Keyes KM**, Eaton N, Krueger RF, Wall M, Skodol A, Siever L, Grant BF, Hasin DS. Detachment and Psychoticism in the meta-structure of psychopathology.
11. **Keyes KM**, Miech R. Age, period, and cohort effects in heavy episodic drinking in the US from 1985-2009.
12. Lukachko A, Hatzenbuehler M, **Keyes KM**. Structural racism and myocardial infarction in the United States.
13. Martins SS, Fenton MC, Storr CL, Severtson G, **Keyes KM**, Ghandour LA, Hasin DS. Trends in nonmedical prescription opioid use and problems secondary to nonmedical use in adolescence.
14. Talati A, Wickramaratne PJ, **Keyes KM**, Hasin DS, Levin F, Weissman MM. Smoking and psychopathology increasingly associated in more recent birth cohorts: Implications for clinical & genetic studies.
15. Smith ME, **Keyes KM**, Hasin DS. Perceived Racial Discrimination and Substance Use Disorders: The Impacts of Ethnic Identity and Language and Social Preferences in U.S. Blacks and Hispanics/Latinos.

BOOKS

1. Shrouf PE, **Keyes KM**, Ornstein K, eds. 2010. Causality and Psychopathology. Oxford University Press.

LETTERS TO THE EDITOR/COMMENTARIES

1. Wall MM, Poh E, Cerda M, Keyes KM, Galea S, Hasin DS. (2012). Commentary on Harper S, Strumph EC, Kaufman JS. Do Medical Marijuana Laws Increase Marijuana Use? Replication Study and Extension. Annals of Epidemiology, 22(7): 536-7. PMID: 22534177.
2. Bates L, Barnes D, Keyes KM. (2011). Re: Reconsidering the role of social disadvantage in physical and mental health: stressful life events, health behaviors, race, and depression. American Journal of Epidemiology. PMID: 21540321.

BOOK CHAPTERS AND SHORT ARTICLES

1. Hasin D, **Keyes KM**, Ogburn E, Hatzenbuehler M. 2007. "Vulnerability to Alcohol and Drug Use Disorders." In M. Tsuang (Ed.), Toward Prevention and Early Intervention of Major Mental and Substance Abuse Disorders. American Psychiatric Publishing, Inc.
2. **Keyes KM**, Hasin DS. 2008. Epidemiology of Alcohol Disorders. In Korsmeyer P & Kranzler H (Eds.), Encyclopedia of Drugs, Alcohol & Addictive Behavior, 3rd edition. Gale Cengage Publishers.
3. **Keyes KM**, Hasin DS. 2008. Causes of alcohol and drug disorders: gender. In Korsmeyer P & Kranzler H (Eds.), Encyclopedia of Drugs, Alcohol & Addictive Behavior, 3rd edition. Gale Cengage Publishers.
4. **Keyes KM**, Hasin DS. 2008. Gender and complications of substance disorders. In Korsmeyer P & Kranzler H (Eds.), Encyclopedia of Drugs, Alcohol & Addictive Behavior, 3rd edition. Gale Cengage Publishers.
5. **Keyes KM**, Hasin DS. 2010. Epidemiology and Management of Alcohol Misuse Comorbid with Other Disorders. In J. Saunders & J. Rey (Eds.), Young People and Alcohol: Impact, Policy, Prevention, Treatment. Wiley-Blackwell, publishers.
6. Pilowsky D, **Keyes KM**. Women and depression. 2010. In R. Senie (Ed.), Epidemiology of Women's Health. Jones & Bartlett, Publishers.
7. Hasin DS, **Keyes KM**. Epidemiology. 2011. In B. Johnson (Ed.), Addiction Medicine: Science and Practice.
8. **Keyes KM**, Li G. Age-period-cohort analysis in injury epidemiology. 2012. In G. Li & S. Baker (Eds.), Injury Research: Theories, Methods, and Approaches.

PRESENTATIONS AND INVITED LECTURES (SELECTED)

1. Cannabis withdrawal in 2,613 lifetime heavy cannabis users. Symposium presentation, Novel Phenotype Development for Genetics Studies of Substance Abuse Disorders. September 2005, New York, NY.

2. Gender differences in the risk for alcohol abuse and dependence: the effect of birth cohort. Symposium presentation, Psychiatric Epidemiology Faculty/Fellow Training Seminar. December 2005, New York, NY.
3. Birth cohort effects on gender differences in the risk for alcohol and drug dependence. Symposium presentation, Research Society on Alcoholism. June 2006, Baltimore, MD.
4. Time in the causal landscape: age, period, and cohort effects in alcohol and drug epidemiology. Symposium presentation, Psychiatric Epidemiology Faculty/Fellow Training Seminar. May 2007, New York, NY.
5. Economic capital and problem alcohol use: the positive relationship between income and the DSM-IV alcohol abuse diagnosis. Symposium presentation, Research Society on Alcoholism, July 2007, Chicago, IL.
6. Disentangling age-period-cohort effects: problems and possibilities. Symposium presentation, American Psychopathological Association. March 2008, New York, NY.
7. Methodological Issues in the Estimation of Age-Period-Cohort Effects. Symposium presentation. Psychiatric Epidemiology Faculty/Fellows Training Seminar. March 2008, New York, NY.
8. Influence of a drinking quantity and frequency measure on the prevalence and demographic correlates of DSM-IV alcohol use disorders. Symposium presentation, Research Society on Alcoholism. June 2008, Washington, DC.
9. A Comprehensive Approach to Age-Period-Cohort Analysis. Plenary session presentation, Society for Epidemiologic Research. June 2008, Chicago, IL.
10. Age-Period-Cohort estimation throughout history: tracing the meaning of a ‘cohort effect’ Symposium presentation. Psychiatric Epidemiology Faculty/Fellows Training Seminar. February 2009, New York, NY.
11. Challenging the paradigm of a “telescoping” phenomenon in gender differences for substance disorders: results of a cohort analysis in the U.S. population. Symposium presentation, International Federation of Psychiatric Epidemiology. April 2009, Vienna, Austria.
12. Population-level disapproval and the prevalence of substance use: a multi-level age-period-cohort analysis of high-school attending adolescents in the United States, 1976-2008. Symposium presentation, Research Seminars in Epidemiology, October 2009, New York, NY.
13. ‘Age Selection of Mortality from Tuberculosis’: a re-analysis of Frost on the 70th anniversary of publication. Symposium presentation, American Public Health Association, November 2009, Philadelphia, PA.

14. The role of craving in future classifications of alcohol use disorders. Symposium presentation, Adverse Childhood Experiences, Personality Psychopathology, and Alcohol Disorders. December 2009, New York, NY.
15. Time as a multi-level risk factor: the impact of time period- and birth cohort-specific social norms on adolescent marijuana use, 1976-2007. Symposium presentation, École Des Hautes Études En Santé Publique, January 2010, Paris, France.
16. *Time in the causal landscape: problems and possibilities in age-period-cohort research. Survey Research Center, February 2010, Ann Arbor, Michigan.
17. Adverse childhood events and the structure of common psychiatric disorders. Symposium presentation, Adverse Childhood Experiences, Personality Psychopathology, and Alcohol Disorders. May 2010, New York, NY.
18. A multi-level framework for understanding birth cohort effects. Symposium presentation, Research Society on Alcoholism, June 2010, San Antonio, Texas.
19. Novel Methods to Assess Societal-Level Causes of Alcohol Disorders Across Time and Place. Symposium chair, Research Society on Alcoholism, June 2010, San Antonio, Texas.
20. Testing the 'Jackson hypothesis': are black/white differences in depression due to differential effects of stress and unhealthy behaviors? Symposium presentation, Psychiatric Epidemiology Faculty/Fellows Training Seminar. November 2010, New York, NY.
21. *The Epidemiology of Substance Use Disorders. Sexuality and HIV Seminar, HIV Center for Clinical and Behavioral Science. February 2011, New York, NY
22. Methodological issues in the assessment of adverse childhood events. Symposium chair, Society for Epidemiologic Research, June 2011, Montreal, Canada.
23. Childhood Maltreatment and the Structure of Common Psychiatric Disorders. Symposium presentation, Society for Epidemiologic Research, June 2011, Montreal, Canada.
24. Time Trends and Their Explanations. Symposium chair, Research Society on Alcoholism, June 2011, Atlanta, Georgia.
25. Understanding family-based designs using Directed Acyclic Graphs. Symposium presentation, World Psychiatric Association Epidemiology Section, March 2012, Sao Paulo, Brazil.
26. *Time trends in alcohol use: Understanding cohort effect, Adult Psychiatry Grand Rounds, Columbia University Department of Psychiatry, May 2012, New York, NY.

27. Thought disorders in the meta-structure of psychopathology. Symposium presentation, Research Society on Alcoholism, June 2012, San Francisco, CA.

* Invited lecture

ABSTRACTS PRESENTED AT NATIONAL CONFERENCES (SELECTED)

1. **Keyes KM**, Hasin DS. Birth cohort effects on gender differences in the risk for drug dependence. College on Problems of Drug Dependence. July 2006, Scottsdale, AZ.
2. Ogburn E, **Keyes KM**, Hasin DS. Predictors and correlates of the hazardous use subtype of DSM-IV alcohol abuse: results from the national epidemiologic survey on alcohol and related conditions. Research Society on Alcoholism, June 2007, Chicago, IL.
3. Hatzenbuehler ML, **Keyes KM**, Hasin DS. Ethnic differences in treatment for mood and anxiety disorders among individuals with comorbid substance dependence: results from the national epidemiologic survey on alcohol and related conditions. Research Society on Alcoholism, June 2007, Chicago, IL.
4. Hasin D, **Keyes KM**, Hatzenbuehler M, Aharonovich E, Alderson D. Effects of physical proximity, loss, and previously-assessed history on alcohol use and traumatic stress symptoms following terrorist attacks. Research Society on Alcoholism, June 2007, Chicago, IL.
5. **Keyes KM**, Hasin DS. The epidemiology of ecstasy: comparing risk factors for amphetamine and ecstasy use in the general population. College on Problems of Drug Dependence. June 2007, Quebec City, Canada.
6. Aharonovich E, Beseler C, **Keyes KM**, Hasin D. Adult transition from at-risk drinking to dependence: the relationship of family history and drinking motives. Research Society on Alcoholism, June 2007, Chicago, IL.
7. McKay CM, **Keyes KM**, Link B, Hasin DS. Geographic and social patterning of disparate burden of comorbidity between mental and physical disorders: a ecological and multilevel analysis. Society for Social Work and Research, New Orleans, LA.
8. Aharonovich E, **Keyes KM**, Liu X, Hasin DS. Progression from first use to dependence for five major substances. International Federation of Psychiatric Epidemiology, March 2009, Vienna, Austria.
9. Aharonovich E, Rindress K, Geier T, **Keyes KM**, Johnston B, Aracena J, Martinez J, Hasin D. Unsafe drinking in HIV primary care patients: predictors and change over time. Research Society on Alcoholism, June 2009, San Diego, CA.

10. **Keyes KM**, Schulenberg J, O'Malley P, Li G, Hasin DS. Societal-level disapproval of smoking as predictors of future individual-level use among high school seniors in the U.S. from 1976-2007. Society for Epidemiologic Research. June 2009, Anaheim, CA.
11. **Keyes KM**, Schulenberg J, O'Malley P, Li G, Hasin DS. Societal-level disapproval of alcohol as a predictor of future individual-level alcohol use among high school seniors in the U.S. from 1976-2007. Research Society on Alcoholism. June 2009, San Diego, CA.
12. Robinson WR, **Keyes KM**, Utz R. Secular trends in obesity prevalence: age, period or cohort effects? Society for Epidemiologic Research, June 2009, Anaheim, CA.
13. **Keyes KM**, Martins S, Hasin DS. Challenging the paradigm of a “telescoping” phenomenon in gender differences for substance disorders: results of a cohort analysis in the U.S. population. American Psychological Association, August 2009, Toronto, Canada.
14. Utz R, **Keyes KM**, Robinson WR. Comparison of three age-period-cohort models of obesity prevalence in the United States. American Public Health Association, November 2009, Philadelphia, PA.
15. Martins SM, LaFlair LN, Fenton M, **Keyes KM**, Storr CL. Trends in prescription drug use disorders secondary to nonmedical use in adolescence. College on Problems of Drug Dependence, June 2010, Scottsdale, AZ.
16. **Keyes KM**, Hatzenbuehler ML, McLaughlin KA, Link BG, Olfson M, Grant BF, Hasin DS. Stigma and treatment for alcohol disorders in the United States. College on Problems of Drug Dependence, June 2010, Scottsdale, AZ.
17. Cerda M, Wall M, **Keyes KM**, Hasin D. States with legalized medical marijuana have higher marijuana use and dependence: using the legalization of medical marijuana as a proxy measure of community norms. Population Association of America, March 2011, Washington DC.
18. Martin C, Robinson W, **Keyes KM**. Cohort effects in obesity prevalence among recent birth cohorts in the United States: Modifications by nativity. Society for Epidemiologic Research, June 2011, Montreal, Canada.
19. Robinson W, **Keyes KM**, Utz RL, Martin CL, Yang Y. Will obesity prevalence continue to increase in the U.S.? Examining birth cohort effects among recently born U.S. cohorts. Obesity Society, October 2011, Orlando, FL.
20. **Keyes KM**, McLaughlin K, Demmer R, Cerda M, Koenen K, Uddin M, Galea S. The relation between traumatic events and physical health conditions in a population-based sample. American Psychopathological Association, March 2012, New York, NY.

21. Eaton N, Krueger RF, **Keyes KM**, Hasin DS. The Structure, Continuity, and Predictive Validity of the Internalizing Disorders. Association for Psychological Science, May 2012, Chicago, IL.
22. **Keyes KM**, Davey-Smith G, Susser E. The effect of prenatal smoking on offspring hyperactivity: causal or confounded? Society for Epidemiologic Research, June 2012, Minneapolis, MN.