

CURRICULUM VITA

William Christopher Kerr

Prepared: September, 2017

CURRENT TITLES: Senior Scientist and Center Director
Alcohol Research Group,
Public Health Institute

EDUCATION:

<u>Dates</u>	<u>Institution & Location</u>	<u>Degree</u>	<u>Major Subject</u>
1984-88	New College (Sarasota, FL)	B.A.	Economics
1988-97	U. of California (Davis)	Ph.D.	Economics

PRINCIPAL POSITIONS HELD:

Current Position:

January 2008 to Present: Alcohol Research Group, Public Health Institute, Senior Scientist.

January 2016 to present: Director, National Alcohol Research Center: Epidemiology of Alcohol Problems: Alcohol-Related Disparities

Member of ARG Executive Committee, 2005 to present.

Past Positions:

January 2014 to 2015: Associate Director, National Alcohol Research Center: Epidemiology of Alcohol Problems.

May 2005 to January 2008: Alcohol Research Group, Public Health Institute, Scientist.

September 2001 to April 2005: Alcohol Research Group, Public Health Institute, Associate Scientist.

April 1997 to September 2001 and August 2003 to November 2004: University of California-San Francisco, Department of Social & Behavioral Sciences, Assistant Research Economist (Step 3) and Project Director of the Collaborative Alcohol-Related Longitudinal Project

1989-96 University of California, Davis
Department of Economics

Teaching Assistant
Research Assistant

PROFESSIONAL ACTIVITY:

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS:

American Economic Association
Kettil Bruun Society for International Alcohol Epidemiology
Elected member of the Coordinating Committee 2007 to 2011.
Ole-Jorgen Skog Award committee 2008, 2009.
American Public Health Association
Research Society on Alcoholism
Member of the program planning committee 2016-2017.

MEMBERSHIPS ON COMMITTEES AND ADVISORY GROUPS:

National Alcoholic Beverage Control Association Public Health Advisory
Committee: Original member 2008 to present

Alcohol Research Group Library Committee: Chair 2008 to 2017; member
2017- present.

Alcohol Research Group National Alcohol Research Center Management
Group: Member 2006 to 2015; Director 2016- present

Alcohol Research Group Executive Committee: Member 2005 to present

Alcohol Research Group Web and Communications Committee: Member

Alcohol Research Group Scientific Ranks Committee: Member

Alcohol Research Group Space Committee: Member

Alcohol Research Group/UC Berkeley T32 Fellowship Committee:
Member

Alcohol Research Group 2011 Strategic Planning Committee: Member

Alcohol Research Group 2011-12 Dissemination and Information
Committee: Co-Chair

Alcohol Research Group 2011-12 Scientific Directions Committee:
Member

REVIEW OF JOURNAL ARTICLES AND GRANTS:

Assistant Editor:
ADDICTION, July 2004 to present.

Editorial Board:
THE OPEN ADDICTION JOURNAL, 2008-2009.

CONTEMPORARY DRUG PROBLEMS 2010-present

National Institutes of Health:

Community-Level Health Promotion (CLHP) study section: review group member for February 5-6, 2009 meeting.

Community-Level Health Promotion (CLHP) study section: review group member for October 1-2, 2009 meeting.

Challenge Grants Panel 3 ZRG1 HDM-G: reviewer for July 20-21, 2009 meeting.

Challenge Grants Panel 26 ZRG1 HDM-P: reviewer for July 20-21, 2009 meeting.

NIAAA Review of Member Conflict R21 ZAA1 DD (01) M: reviewer for July 30, 2010 meeting.

NIH Peer Review Committee AA-2: reviewer, March 2012

NIH Peer Review Committee AA-2: reviewer, July 17 2012

NIH Peer Review Committee AA-2: reviewer, March 13 2013

NIH Peer Review Committee Community Influences on Health Behavior (CIHB): reviewer, February 19-20, 2015

NIH Peer Review Committee AA-2: reviewer, October 19, 2015

NIH Peer Review Committee Addiction Risks and Mechanisms (ARM): reviewer, February 8-9, 2016

NIH Peer Review Committee NIAAA CHAART: reviewer, April 29, 2016

NIH Peer Review Committee Addiction Risks and Mechanisms (ARM): reviewer, October 3-4, 2016

NIH Peer Review Committee Addiction Risks and Mechanisms (ARM): Member, July 1 2017 to June 30, 2021.

Grant reviewer for Sheffield Hospitals Charitable Trust Medical Research Committee 2005

Grant reviewer for the Veterans Administration, 2011

Grant reviewer for the Health Research Council of New Zealand, 2012

Grant reviewer for the BUPA foundation 2013

Grant reviewer for the Alcohol Research UK 2013

Project reviewer for United Kingdom Public Health Research Consortium 2013

Ad Hoc Reviews of manuscripts for 50 journals:

ACTA PSYCHIATRICA SCANDANAVICA

ADDICTION

ADDICTION RESEARCH AND THEORY

ALCOHOL

ALCOHOLISM: CLINICAL & EXPERIMENTAL RESEARCH

ALCOHOL RESEARCH & HEALTH

ALCOHOL AND ALCOHOLISM

ALCOHOL RESEARCH: CURRENT REVIEWS
AMERICAN JOURNAL OF PREVENTATIVE MEDICINE
AMERICAN JOURNAL OF PUBLIC HEALTH
ANNALS OF EPIDEMIOLOGY
ARCHIVES OF GENERAL PSYCHIATRY
BMC PUBLIC HEALTH
BRITISH MEDICAL JOURNAL
BULLETIN OF THE WORLD HEALTH ORGANIZATION
CONTEMPORARY DRUG PROBLEMS
DRUG AND ALCOHOL DEPENDENCE
DRUG AND ALCOHOL REVIEW
EUROPEAN HEART JOURNAL
EUROPEAN JOURNAL OF CLINICAL NUTRITION
EUROPEAN JOURNAL OF HEALTH ECONOMICS
EUROPEAN JOURNAL OF PUBLIC HEALTH
Experimental and Clinical Psychopharmacology
HOMICIDE STUDIES
HEALTH EDUCATION JOURNAL
INTERNATIONAL JOURNAL OF DRUG POLICY
JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
JAMA PSYCHIATRY
JOURNAL OF THE AMERICAN GERIATRICS SOCIETY
JOURNAL OF EMPIRICAL LEGAL STUDIES
Journal of Epidemiology & Community Health
JOURNAL OF HEALTH ECONOMICS
JOURNAL OF INTERNAL MEDICINE
JOURNAL OF STUDIES ON ALCOHOL
JOURNAL OF STUDIES ON ALCOHOL AND DRUGS
NEW ENGLAND JOURNAL OF MEDICINE
NORDIC STUDIES ON ALCOHOL AND DRUGS
PREVENTATIVE MEDICINE
PREVENTING CHRONIC DISEASE
POPULATION RESEARCH AND POLICY REVIEW
PSYCHOLOGY OF ADDICTIVE BEHAVIORS
PSYCHIATRY RESEARCH
PLOS ONE
PUBLIC HEALTH RESEARCH AND PRACTICE
SOCIAL SCIENCE AND MEDICINE
SOCIAL SCIENCE RESEARCH
SOCIOLOGICAL FOCUS
SOUTHERN ECONOMIC JOURNAL
SWISS MEDICAL WEEKLY
THE AMERICAN JOURNAL ON ADDICTIONS

SCIENTIFIC AND PROFESSIONAL MEETINGS ATTENDED:

Research Society on Alcoholism:

San Francisco, CA- 1997.

Hilton Head, SC- 1998, presented poster of paper *Estimating the Determinants of Alcohol Quality Choice from the U.S. Household Food Consumption Survey*.

San Francisco, CA- 2002, presented poster *Disentangling Trends in Alcohol Consumption: Measures from the 1979, 1984, 1990, 1995 and 2000 National alcohol Surveys*.

Fort Lauderdale, Florida- 2003, presented poster *An Overview of Issues Regarding the Ethanol Content of Beer Consumed in the US*.

Vancouver, Canada- 2004, presented poster *Malt Liquor and Fortified Wine consumption in the US- Trends and Demographic Patterns*;

Santa Barbara California- 2005 presented paper *Empirically-based estimates of wine ethanol content improve precision of per capita alcohol consumption*,

Baltimore MD- 2006 *Concentration of alcohol consumption and characteristics of the top 10% of drinkers in the 2000 National Alcohol Survey and Methodological follow-up*,
Chicago, IL, 2007-presented poster *US time series evidence regarding alcohol-related risk of oral cancers and protection against stomach cancers. Are higher concentration beverages different?*

Washington D.C., 2008- presented talk- *Drink Alcohol Content Assessment Methods*,

San Diego, CA, 2009- presented poster- *Effects of life-course drinking patterns on diabetes and heart-related problems among those 40 and older in the 2005 US National Alcohol Survey*,

San Antonio, TX, 2010;

Atlanta GA June 2011 presented talk: *Age-period-cohort effects on alcohol volume and heavy drinking in the US*.

San Francisco, CA June 2012, presented poster: *Recent trends in alcohol sales, drinking patterns and economic conditions*.

Orlando, Florida June 2013 Presented talk *Racial/Ethnic disparities in the self-reported number of drinks in 2 hours before driving becomes impaired*. Also served as the discussant for a panel on suicide and the acute risks of drinking alcohol.

Bellevue, Washington, June 2014, Presented poster on *Analysis of price changes following the 2012 liquor privatization*

New Orleans, Louisiana, June 2016, Presented poster on *Using both subjective and objective measures of intoxication to predict alcohol problems in a national sample: The National Alcohol Surveys (2000-2010)*

Denver, Colorado, June 2017, presented poster on *Life-course alcohol patterns and risk for diabetes, hypertension and heart problems onset*

Kettil Bruun Society for International Alcohol Epidemiology:

Reykjavik, Iceland- 1997, presented paper *The Demand for Alcohol by Light, Moderate and heavy drinkers: Estimates from the U.S. National Health Interview Survey*, also discussed two papers on alcohol advertising;

Florence, Italy- 1998, presented paper *Beverage Specific Alcohol Consumption and Cirrhosis Mortality: an International Analysis*;

Montreal, Canada- 1999, presented paper *The Demand for Alcohol by Russian Men and Women*;

Toronto, Canada- 2001, presented paper *Stability of alcohol consumption over time; Evidence from three longitudinal surveys from the United States*, also discussed two papers on the economic costs of alcohol abuse and treatment;

Paris, France- 2002, presented paper, *Estimating the Average Ethanol Content of Beer in the United States; Differences Across States and Over Time and their Implications for Research and Policy*;

Krakow, Poland- 2003, presented paper *Age-Period-Cohort Decomposition of Beverage-Specific Alcohol Consumption for the US using the 1979, 1984, 1990, 1995 and 2000 National Alcohol Surveys*;

Helsinki, Finland- 2004 presented paper *The ethanol content of a drink of wine in the us: sources of variation and methods for accurate assessment.*;

Riverside, California- 2005 presented paper *Evaluating the Effects of Beverage-Specific Drink Ethanol Content Estimates on Alcohol Consumption Measures, Coverage of Sales Statistics and Prediction of Outcomes*;

Maastricht Netherlands, June 2006, presented paper *Per Capita Alcohol Consumption and Heart Disease: Time Series Relationships in the US*,

Toronto Canada, October 2006, presented paper *Per Capita Alcohol, Cigarette and Soda Consumption and Cancers of the Lip, Oral Cavity and Pharynx, Esophagus, Larynx and Stomach in the US from 1950 to 2002*; Victoria, Canada, May 2007, presented paper *Methods of drink ethanol assessment for use in monitoring surveys of alcohol consumption*;

Budapest, Hungary, June 2007, presented paper *Age-period-cohort models of heavy occasion drinking in the US National Alcohol Surveys.*;

Victoria, Canada, June 2008, presented paper, *Analysis of the cirrhosis mortality rate differential between non-white and white groups in the US states from 1950 to 2002*;

Copenhagen, Denmark, June 2009, presented paper, *Patterns of alcohol consumption and all-cause mortality from the 1984 and 1995 National Alcohol Surveys.*

Melbourne, Australia, March 2010, presented paper *Per capita alcohol consumption and suicide mortality in a panel of US states from 1950-2002.*

Lausanne, Switzerland, June 2010, presented paper, *Per capita alcohol consumption and IHD mortality in a panel of US states from 1950-2002.*

Melbourne, Australia, April 2011 presented talk on paper: *Trends in alcohol consumption patterns and related problems in the US National Alcohol Surveys through 2010.*

Melbourne, Australia, September 2014 presented talk on paper: *Analysis of price changes following the 2012 liquor privatization*

Stockholm, Sweden, June 2016 presented talk on paper: *Changes in heavy drinking after health problems in a US general population sample.*

Sheffield, UK, June 2017, presented talk: *Alcohol use patterns and risk of diabetes onset in the 1979 National Longitudinal Survey of Youth Cohort.*

American Public Health Association:

Philadelphia, Pa., 2002, presented talk *Improved estimation of the Ethanol Content of Self-Reported Drinks of Beer and Wine in Surveys: Methods and Implications*;

San Francisco, CA, 2003, presented poster *Age-Period-Cohort decomposition of Episodes of Five or More Drinks Per Day: 1979-2000*;

Washington, D.C., 2004, presented talk *How many drinks does it take you to get drunk?*;

Philadelphia PA, 2005, presented talk *Categorizing US State drinking practices and recent consumption trends.*;

Boston, Mass., November 2006, presented talk *Life-course drinking patterns and lifetime incidence of specific health problems.*

Washington DC, November 2007, presented talk *Ethnic differences in alcohol drink size and choices in the 2005 National Alcohol Survey Methodologic Follow-up.*

San Diego, CA, October 2008, presented talk *Increased drinking among young adults in the National Alcohol Surveys.*

Philadelphia, PA, November 2009, presented talks *The Scientific Basis for Alcohol Regulation* and *The effect of drink alcohol content adjustments to alcohol volume on the risk for alcohol problems.*

Denver, CO, November 2010 presented talk *Comparison of detailed drinking pattern and other characteristics between Wet, Moderate and Dry regions of the US in the National Alcohol Surveys*;

Washington D.C., November, 2011 presented talk: *Age-period-cohort effects on alcohol volume and heavy drinking in the US.*

San Francisco, CA, October 2102, presented talk: *Alcohol Affordability in the US: The cost of one drink per day of the cheapest brand as a percentage of disposable income, 1950-2011.*

New Orleans, LA, November 2014, *Age-period-cohort models of 1984 to 2010 cannabis trends in the US National Alcohol Surveys.*

Chicago, IL, November 2015, presented talk: *Racial/Ethnic disparities in the risk of injury related to the frequency of heavy drinking occasions.*

Denver, CO, October 2016 presented talk: *Comparing Alcohol and Marijuana Harms From Others' Use in the U.S. and Washington State*

International Council on Alcohol and Addictions:

Toronto, Canada, 2003, presented talk *Age-Period-Cohort Patterns of Alcohol Dependence in the USA from the 1979 to 2000 National Alcohol Surveys.*;

Stockholm, Sweden, June 2007, presented talk *Cirrhosis and liver cancer mortality in the US: Relationships with alcohol and red meat consumption and between cause groups.*

Alcohol Policy Series:

Alcohol Policy 14 San Diego, CA, 2008, presented two talks *Methods and policy implications of drink ethanol assessment research* and *Differential alcohol control policies for beer, wine and spirits.*

Alcohol Policy 15 Washington, D.C., December 2010, presented talk *Comparable tax rates for control states.*

Alcohol Policy 16 Arlington, VA, April 2013, presented poster on the *Blurring of Alcohol Categories.*

Alcohol Policy 17 Arlington, VA, April 2016, presented talk on the *Privatization of the Washington Liquor Control System.*

Allied Social Sciences Associations:

San Francisco, CA- 1996

New Orleans, LA- 1997

New York, NY-1999

National Alcoholic Beverage Control Association:

Annual Conference, La Quinta, CA, May 2007, presented talk *Long-term trends in young peoples drinking: Results from six National Alcohol Surveys 1979 to 2005.*

Administrators' conference, Portland Maine, October 2010 presented talk.

Annual Conference, Phoenix, AZ, May 2011, presented talk: *The Blurring of Alcoholic Beverage Categories.*

Administrators' conference, Williamsburg, VA October 2013, presented talk on *Evaluating the impacts of privatization in Washington.*

Administrators' conference, Boise, Idaho October 2014, presented talk: *The Blurring of Alcoholic Beverage Categories.*

Canadian Alcohol Experiences & Nordic Perspectives: Oslo, December 12-13, 2002, Invited discussant of three papers on time series models of alcohol-related mortality.

Monitor Seminar “How can we improve national estimates of alcohol

consumption”: Sigtuna, Sweden February 12-13, 2009. Invited expert, presented talk *Monitoring drinking with surveys in other countries – experiences from the US.*

International Seminar on Alcohol Retail Monopolies:

Seattle, WA, August 24-26, 2009. Presented talk on the 2009 update to ARG-NABCA alcohol policy annotated bibliography and review.

Helsinki, Finland, September 1-4, 2015. Presented talk on spirits privatization in the US state of Washington.

Arlington, VA, August 27-30 2017 Presented talk on Trends in US Alcohol Consumption Patterns and Spirits Privatization in the US State of Washington.

Policies favoring lower alcohol content beverages, Copenhagen, Admiral Hotel 17 March 2011, presented paper *Beverage-specific mortality relationships in US population.*

Alcohol Law Symposium, Washington, D.C., October 23-25, 2013, presented talk on US experience as part of panel *Coping with the Impact of Deregulation- the UK and US Experience.*

Chicago, IL, September 9-11, 2015. Presented talk on spirits privatization in the US state of Washington.

NIAAA Workshop on Emerging Trends in Underage, College and Emerging Adult Drinking and Related Consequences. Rockville, MD May 16, 2016. Presented talk on Alcohol Consumption by Volume.

The National Academies of Sciences Committee on Accelerating Progress to reduce Alcohol-Impaired Driving. Washington, D.C., May 9, 2017. Presented talk on Perceptions of Impairment, Warning Labels and Alcohol Content Labeling.

PUBLICATIONS

Kerr WC, Lui C, Ye Y (in press) Trends and age, period and cohort effects for marijuana use prevalence in the 1984 to 2015 US National Alcohol Surveys. *Addiction*.

Zemore SE, Karriker-Jaffe KJ, Mulia N, Ehlers CL, Cook WK, Kerr WC, Lui C, Martinez P, Greenfield TK (in press) The future of research on alcohol-related disparities: a plan of attack. *Journal of Studies on Alcohol and Drugs*

Subbaraman MS, Kerr WC (2017) Support for marijuana legalization in the US state of Washington has continued to increase through 2016. *Drug and Alcohol Dependence*. 175:205-209.

Kaplan MS, Caetano R, Giesbrecht N, Huguet N, Kerr WC, McFarland BH & Nolte, KB (2017) The National Violent Death Reporting System: Our Experiences with the Restricted Access Database and Its Potential. *American Journal of Preventative Medicine*.

Kerr, W.C., Lui, C.K., Williams, E., Ye, Y., Greenfield, T.K., & Lown, E.A. (2017). Health risk factors associated with lifetime abstinence from alcohol in the 1979 National Longitudinal Survey of Youth Cohort. *Alcoholism: Clinical and Experimental Research*. 41(2):388-398. PMID: PMC5272800

Kerr WC, Ye Y, Greenfield TK, Williams E, Lui CK, Li L, Lown EA (2017) Changes in heavy drinking following onset of health problems in a U.S. general population sample. *Preventative Medicine*. 95:47-51. PMID: PMC5269508

Kerr WC, Kaplan MS, Huguet N, Caetano R, Giesbrecht N, McFarland BH (2017) Economic recession, alcohol and suicide rates: comparative effects of poverty, foreclosure, and job loss. *American Journal of Preventative Medicine*. 52(4):469-475. PMID: PMC5362282

Subbaraman, M. S. and W. C. Kerr (2016). "Marijuana policy opinions in Washington state since legalization: would voters vote the same way?" *Contemporary Drug Problems*. 43(4):369-380.

Ye Y., Kerr W.C. (2016) Estimated increase in cross-border purchases by Washington residents following liquor privatization and implications for alcohol consumption trends *Addiction*. 111(11):1948-1953. 111(11):1948-1953. PMID: PMC5056797

- Kerr W.C., Ye, Y., Greenfield, T.K., Williams, E., Lui, C.K. & Lown, E.A. (2016) Early life health, trauma and social determinants of lifetime abstinence from alcohol. *Alcohol and Alcoholism*. 51(5):576-583. PMID: PMC5004748
- Kaplan MS, Huguet N, Caetano R, Giesbrecht N, Kerr WC, McFarland BH (2016) Heavy alcohol use among suicide decedents relative to a nonsuicide comparison group: gender-specific effects of economic contraction. *Alcoholism: Clinical and Experimental Research*. 40(7):1501-1506. PMID: PMC4930372
- Subbaraman MS, Kerr WC (2016) Opinions on the privatization of liquor sales in Washington State: did voters change their minds? *Journal of Studies on Alcohol and Drugs*. 77(4):568-576.
- Cherpitel CJ, Ye Y, Kerr WC (2016) Relationship of usual volume and heavy consumption to risk of alcohol-related injury: racial/ethnic disparities in four U.S. National Alcohol Surveys. *Journal of Studies on Alcohol and Drugs* 77(1):58-67.
- Greenfield, T.K., Karriker-Jaffe, K.J., Kerr, W.C., Ye, Y. & Bond, J. (2016) Those harmed by others' drinking in the US population are more depressed and distressed. *Drug and Alcohol Review*. 35:22-29. PMID: PMC4775452
- Kerr WC, Ye Y, Cherpitel CJ (2015) Racial/ethnic disparities in the risk of injury related to the frequency of heavy drinking occasions. *Alcohol and Alcoholism*. 50(5):573-578. PMID: PMC4537519
- Kerr W.C., Williams, E. & Greenfield, T.K. (2015) Analysis of Price Changes in Washington Following the 2012 Liquor Privatization. *Alcohol and Alcoholism*. 50(6):654-660. PMID: PMC4608622
- Subbaraman M.S., Kerr W.C. (2015) Simultaneous Versus Concurrent Use of Alcohol and Cannabis in the National Alcohol Survey. *Alcoholism: Clinical & Experimental Research*. 39(5):872-879. PMID: PMC4399000
- Greenfield, T.K., Bond, J. & Kerr, W.C., Ye, Y. & (2015) Biomonitoring for Improving Alcohol Consumption Surveys. *Alcohol Research: Current Reviews* 297-330.
- Bond, J.C., Greenfield T.K., Patterson, D. & Kerr W.C. (2014) Adjustments of Drink Size and Ethanol Content: New Results from a Self-Report Diary and Transdermal Sensor Validation Study. *Alcoholism: Clinical & Experimental Research*.
- Greenfield T.K., Kerr W.C. (2014) [Commentary] Physicians' prescription for lifetime abstainers aged 40 to 50 to take a drink a day are not yet justified. *Alcoholism: Clinical & Experimental Research*. 38(12):2893-2895. PMID: PMC4293086

- Kerr W.C., Greenfield T.K. (2015) Racial/ethnic disparities in the self-reported number of drinks in 2 hours before driving becomes impaired. *American Journal of Public Health*.
- Kerr, W.C., Mulia, N., & Zemore, S.E. (2014) US trends in light, moderate and heavy drinking episodes from 2000 to 2010. *Alcoholism: Clinical & Experimental Research*. 38(9):2496-2501.
- Kaplan, M.S., Huguet, N., Caetano, R., Giesbrecht, N., Kerr, W.C. and McFarland, B.H. (2015) Economic Contraction, Alcohol Intoxication and Suicide: Analysis of the National Violent Death Reporting System. *Injury Prevention*. 21(1):35-41. PMID: PMC4294995
- Greenfield, T. K., Nayak, M. B., Bond, J., Kerr, W. C., & Ye, Y. (2014) Test-retest reliability and validity of life-course alcohol consumption measures: the 2005 National Alcohol Survey follow-up. *Alcoholism: Clinical & Experimental Research*. 38(9): 2479-2487.
- Greenfield, T.K, Karriker-Jaffe, K.J., Giesbrecht N., Kerr, W.C., Ye, Y. & Bond, J. (2014) Second-hand drinking may increase support for alcohol policies: New results from the 2010 National Alcohol Survey. *Drug and Alcohol Review*. 33(3):259-267.
- Rossow, I., Mäkelä, P., Kerr, W.C. (2014) The collectivity of changes in alcohol consumption revisited. *Addiction*. 109:1447-1455.
- Witbrodt, J., Mulia, N., Zemore, S. E., & Kerr, W. C. (2014) Racial/ethnic disparities in alcohol-related problems: differences by gender and level of heavy drinking. *Alcoholism: Clinical & Experimental Research* 38(6):1662-1670. PMID: PMC4047188
- Polcin, D. L., Korcha, R. A., Kerr, W. C., Greenfield, T. K. & Bond, J. (2014) Gender and Social Pressure to Change Drinking Behavior: Results from the National Alcohol Surveys from 1984-2010. *Addiction Research and Theory*. 22(6):481-489. PMID: PMC4225711
- Greenfield, T. K., Ye, Y., Bond, J., Kerr, W. C., Nayak, M. B., Kaskutas, L. A., Anton, R. F., Litten, R. Z., & Kranzler, H. R. (2014). Risks of alcohol use disorders related to drinking patterns in the US general population. *Journal of Studies on Alcohol and Drugs*. 75(2):319-327.
- Jiang, H., Livingston, M., Room, R., Dietze, P., Norstrom, T. & Kerr, W. (2013) Alcohol consumption and liver disease in Australia: A time series analysis of the period 1935-2006. *Alcohol and Alcoholism*. Sep 19. [Epub ahead of print] PubMed PMID: 24052533.

- Kerr, W.C., Greenfield, T.K *Alcohol Policy Research and Alcoholic Beverage Control Systems: Annotated bibliography and review 3rd Edition* Alexandria, VA: National Alcohol Beverage Control Association; 2013.
- Kerr, W.C., Patterson, D., Greenfield, T.K. *The blurring of alcohol categories (Prepared for NABCA)*. Alexandria, VA: National Alcohol Beverage Control Association; 2013.
- Kerr, W.C., Patterson, D., Greenfield, T.K *Spirits and Wine Tax Rates for the Control States: 2012 estimates based on retail price impact relative to license state pricing* Alexandria, VA: National Alcohol Beverage Control Association; 2013.
- Kerr W.C., Karriker-Jaffe, K., Ye, Y. (2013) Examining Alcohol's Contribution to the U.S. African American/White Cirrhosis Mortality Differential from 1950 to 2002. *Alcohol and Alcoholism*, 48(5): 605-612.
- Nelson, D.E., Naimi, T.S., Jarman, D.W., Rehm, J., Greenfield, T. K., Rey, G., Kerr, W. C., Miller, P., Shield, K., J. and Ye, Y. (2013) Alcohol-Attributable Cancer Deaths and Years of Potential Life Lost in the United States. *American Journal of Public Health*. 103(4):641-648
- Kerr, W.C., Patterson, D., Greenfield, T.K., Jones, A.S., McGeary, K.A., Terza, J.V. and Ruhm, C. (2013) U.S. Alcohol Affordability and Real Tax Rates, 1950-2011 *American Journal of Preventative Medicine*, 44(5):459-464.
- Midanik, L.T., Ye, Y., Greenfield, T.K. & Kerr, W.C. (2013) Missed and Inconsistent Classification of Current Drinkers: Results from the 2005 US National Alcohol Survey. *Addiction*, 108:348-355.
- Korcha, R. A., Polcin, D. L., Kerr, W. C., Greenfield, T. K. & Bond, J. (2013) Pressure and help seeking for alcohol problems: Trends and correlates from 1984 to 2005. *Addictive Behaviors*. 38(3), 1740-1746.
- Kerr WC (2012) More evidence that spirits can be more dangerous: Homicide in Russia and suicide in Japan. *Drug and Alcohol Review*, 31(3) 249-250.
- Ruhm, C, Jones, AS, McGeary, KA, Kerr, WC, Terza, JV, Greenfield, TK, Pandian, RS (2012) What U.S. data should be used to measure the price elasticity of demand for alcohol? *Journal of Health Economics*, 31(6): 851-862.
- Kerr WC, Greenfield TK, Ye Y, Bond J, Rehm J (2013) Are the 1976-1985 birth cohorts heavier drinkers? Age-period-cohort analyses of the National Alcohol Surveys 1979-2010. *Addiction*, 108:1038-48.
- Polcin DL, Korcha RK, Greenfield TK, Bond JC, Kerr WC (2012) Pressure to Reduce Drinking and Reasons for Seeking Treatment. *Contemporary Drug Problems*. 39(4), 687-714.

- Subbaraman MS, Kerr WC (2013) State panel estimates of the effects of the minimum legal drinking age on alcohol consumption for 1950-2002. *Alcoholism: Clinical & Experimental Research*. 37(Suppl. 1):E291-E296.
- Polcin DL, Korcha RK, Greenfield TK, Kerr WC, Bond JC (2012) Twenty-one year trends and correlates of pressure to change drinking. *Alcoholism: Clinical & Experimental Research*. 36(4), 705-715.
- Kerr WC, Stockwell, T. (2012) Understanding standard drinks and drinking guidelines. *Drug and Alcohol Review*, 31(2):200-205.
- Mäkelä,P., Hellman, M., Kerr, W & Room, R. (2011) A bottle of beer, a glass of wine or a shot of whiskey? Can the rate of alcohol-induced harm be affected by altering the population's beverage choices? *Contemporary Drug Problems*. 38(4), 599-619.
- Hellman, M., Mäkelä, P, Kerr, W & Room, R. (2011) Harm caused by different beverages- A recurring question. *Contemporary Drug Problems*, 38: 489.
- Greenfield TK, Ye Y, Nayak MB, Bond J, Kerr WC, Trocki K. (2011) Heaviest Drinking Locations, Quality in Drinking Venues and the Likelihood of Fighting and being Assaulted: Results from a reanalysis of the 2000 US National Survey. *Contemporary Drug Problems*. 38(2):213-236.
- Kerr, WC, Ye, Y (2011) Beverage –specific mortality relationships in US population data, *Contemporary Drug Problems*, 38:561-577.
- National Alcohol Beverage Control Association (NABCA). *The Effects of Privatization of Alcohol Control Systems. Third Edition* Alexandria, VA: National Alcohol Beverage Control Association (Prepared by Alcohol Research Group); 2011.
- Roerecke, M., Greenfield, T. K., Kerr, W. C., Bond, J., Ye, Y., Bondy, S., Cohen, J. and Rehm, J. (2011) Heavy drinking occasions in relation to ischaemic heart disease mortality – 11-22 year Follow-up of the National Alcohol Survey 1984 and 1995, *International Journal of Epidemiology*. 40(5): 1401-1410.
- Kerr, W. C., Greenfield, T. K., Bond, J., Ye, Y. and Rehm, J. (2011) Racial and ethnic differences in all-cause mortality risk according to alcohol consumption patterns in the National Alcohol Surveys, *American Journal of Epidemiology*. 174(7):769-778.
- Greenfield TK, Kerr WC (2011) Commentary on Liang and Chikritzhs (2011): Quantifying the impacts of health problems on drinking and subsequent morbidity: life-course measures are essential. *Addiction* 106(1):82-83.

Kerr WC, Subbaraman MS, Ye Y (2011) Per capita alcohol consumption and suicide mortality in a panel of US states from 1950-2002. *Drug and Alcohol Review*. 2011 Sep; 30 (5) :473-80. PMID: PMC3177167.

Kerr W (2011) Per capita alcohol consumption and IHD mortality in a panel of US states from 1950 to 2002. *Addiction*, 106: 313-322.

Ye Y, Kerr WC (2011) Alcohol and liver cirrhosis mortality: comparison of methods for the analyses of time-series panel data models in the US. *Alcoholism: Clinical & Experimental Research*, 35(1): 108–115.

Kerr, W.C. Commentary on Nelson *et al.* (2010): the many sources of survey under-coverage, *Addiction*, 105(9):1597-1598.

Cherpitel C.J., Ye Y., Greenfield T.K., Bond J., Kerr W.C., Midanik L.T. Alcohol-Related Injury and Driving While Intoxicated: A Risk Function Analysis of Two Alcohol-Related Events in the 2000 and 2005 National Alcohol Surveys. *The American Journal of Drug and Alcohol Abuse*, 36(3):168-174.

Kerr, W.C. & Ye, Y. Effects of life-course drinking patterns on diabetes, heart problems and hypertension among those 40 and older in the 2005 US National Alcohol Survey, *Journal of Studies on Alcohol and Drugs*, 2010, 71:515-525.

Kerr, W.C. Categorizing US State Drinking Practices and Consumption Trends *International Journal of Environmental Research and Public Health*. 2010, 7(1), 269-283.

Kerr, W.C. & Long, E. Are you going to finish that drink? *Substance Use and Misuse*, 2010, 45(4): 475-481.

Greenfield TK, Ye Y, Kerr WC, Bond J, Rehm J, Giesbrecht N. Externalities from alcohol consumption in the 2005 US National Alcohol Survey: Implications for policy. *International Journal of Environmental Research and Public Health*, 2009, 6(12), 3205-3224.

Greenfield T.K., Kerr W.C., Bond J., Ye Y. & Stockwell T. Improving graduated frequencies alcohol measures for monitoring consumption patterns: results from an Australian national survey and a US diary validity study. *Contemporary Drug Problems*, 2009, 36(3/4):705-733.

Kerr, W. C., Greenfield, T. K. & Patterson, D. Differences in the measured alcohol content of drinks between black, white and Hispanic men and women in a US national sample *Addiction*, 2009, 104(9): 1503-1511.

National Alcohol Beverage Control Association (NABCA). *Alcohol Policy Research and Alcoholic Beverage Control Systems: Annotated bibliography and review 2nd*

Edition (Prepared by Kerr, WC and Greenfield, TK). Alexandria, VA: National Alcohol Beverage Control Association; 2009.

National Alcohol Beverage Control Association (NABCA). *The Effects of Privatization of Alcohol Control Systems.* Alexandria, VA: National Alcohol Beverage Control Association (Prepared by Alcohol Research Group); 2009.

Kerr, W. C., Greenfield, T. K., Bond, J., Ye, Y. and Rehm, J. Age-period-cohort modeling of alcohol volume and heavy drinking days in the U.S. National Alcohol Surveys: Divergence in younger and older adult trends. *Addiction*, 2009, 104: 27-37.

Tujague, J. and Kerr, W. C. Energy intake estimates of respondent-measured alcoholic beverages. *Alcohol & Alcoholism*, 2009, 44: 34-41.

Kerr, W.C., Patterson, D., Albert Koenen, M. & Greenfield, T.K. Large drinks are no mistake: Glass size, not shape, affects alcoholic drink pours. *Drug and Alcohol Review*, 2009, 28(4): 360-365.

Stockwell, T., Kerr, W.C. Is alcohol consumption good for you? Commentary on McIntosh, *Addiction Research and Theory*, 2009, 17(1): 91-95.

Kerr, W.C., Patterson, D., Albert Koenen, M. & Greenfield, T.K. Alcohol content variation of bar and restaurant drinks in Northern California. *Alcoholism: Clinical & Experimental Research*, 2008, 32(9):1623-1629.

National Alcohol Beverage Control Association (NABCA). *Alcohol Policy Research and Alcoholic Beverage Control Systems: Annotated bibliography and review (Prepared by Kerr, WC and Greenfield, TK).* Alexandria, VA: National Alcohol Beverage Control Association; 2008.

Nayak, M.B., Kerr, W.C., Greenfield, T.K. & Pillai, A. Not all drinks are created equal: Implications for alcohol assessment in India, *Alcohol & Alcoholism*, 2008, 43: 713-718.

Kaskutas, L.A., Kerr, W.C. Accuracy of photographs to capture respondent-defined drink size. *Journal of Studies on Alcohol and Drugs*, 2008, 69(4):605-610.

Rehm, J. Irving, H., Ye, Y., Kerr, W.C., Bond, J. & Greenfield, T.K. Are lifetime abstainers the best control group in alcohol epidemiology? On the stability and validity of reported lifetime abstention. *American Journal of Epidemiology*, 2008, 168: 866-871.

- Rehm, J. Irving, H., Ye, Y., Kerr, W.C., Bond, J. & Greenfield, T.K. Rehm et al.
Respond to "Never, or Hardly Ever?" *American Journal of Epidemiology*, 2008,
168: 876-877. [PMCID: PMC2734314](#)
- Greenfield, T.K., Kerr, W.C. Alcohol Measurement Methodology and Analysis in
Epidemiology: Recent Advances and Opportunities. *Addiction*, 2008, 103(7):1082-
1099.
- Fillmore, K.M., Stockwell, T., Chikritzhs, T., Bostrom, A., and Kerr, W.C. A Delicate
Matter: Scientific Agreement and the "Protective Effect" of Alcohol for Disease
including Coronary Heart Disease. *American Journal of Medicine*, 2008, 121(2): e25.
- Stockwell, T. Ed., (Kerr, W.C., contributor) *International Guide for Monitoring Alcohol
Consumption and Related Harm*, Second Edition. WHO/MSD/MSB: Geneva, *in
press*.
- Kerr, W.C., Ye, Y. US time series evidence regarding alcohol-related risk of oral cancers
and protection against stomach cancers. Are higher concentration beverages
different? *Contemporary Drug Problems*, 2008, 34(3) 495-511.
- Kerr, W.C. Ethanol Content of Beer Sold in the US: Variation Over Time, Across States
and by Individual Drinks in *Beer in Health and Disease Prevention*, eds. Preedy,
V.R., Academic Press, London, 2008.
- Kerr, W.C., Ye, Y. Population-level Relationships between Alcohol Consumption
Measures and Ischaemic Heart Disease Mortality in US Time-Series. *Alcoholism:
Clinical & Experimental Research*, 2007, 31(11): 1913-1919.
- Kerr, W.C., Greenfield, T.K. Distribution of alcohol consumption and expenditures and
the impact of improved measurement on coverage of alcohol sales in the 2000
National Alcohol Survey *Alcoholism: Clinical & Experimental Research*, 2007,
31(10): 1714-1722.
- Kerr, W. C., Greenfield, T. K., Bond, J., Ye, Y. & Rehm, J. Age-Period-Cohort
influences on Trends in Past Year Marijuana Use in the US from the 1984, 1990,
1995 and 2000 National Alcohol Surveys, *Drug and Alcohol Dependence*, 2007,
86:132-138.
- Stockwell, T., Chikritzhs, T., Bostrom, A, Fillmore, K. Kerr, W. Rehm, J., Taylor, B.
Alcohol-caused mortality in Australia and Canada: scenario analyses using different
assumptions about cardiac benefit. *Journal of Studies on Alcohol and Drugs*, 2007,
68: 345-352.
- Fillmore, K.M., Stockwell, T., Chikritzhs, T., Bostrom, A., and Kerr, W. Moderate
Alcohol Use and Reduced Mortality Risk: Systematic Error in Prospective Studies
and New Hypotheses *Annals of Epidemiology*, 2007 17(5): S16-S23.

- Fillmore, K.M., Kerr, W.C., Stockwell, T., Chikritzhs, T. & Bostrom, Has alcohol been proven to be protective against coronary heart disease? *Addiction Research and Theory*, 2007, 15(1): 35-46.
- Kerr, W.C., Greenfield, T.K., Tujague, J. Estimates of the mean alcohol concentration of the spirits, wine and beer sold in the US and per capita consumption: 1950 to 2002. *Alcoholism: Clinical & Experimental Research*, 2006, 30(9): 1583-91.
- Kerr, W.C., Greenfield, T.K., Tujague, J. & Brown, S.E. The alcohol content of wine consumed in the US and per capita consumption: New estimates reveal different trends. *Alcoholism: Clinical & Experimental Research*, 2006, 30(3): 516-522.
- Fillmore, K.M., Kerr, W.C., Stockwell, T., Chikritzhs, T. & Bostrom, A. Moderate alcohol use and reduced mortality risk: Systematic error in prospective studies, *Addiction Research and Theory*, 2006, 14(2): 101-132.
- Rehm, J, Greenfield, T.K. & Kerr, W.C. Patterns of drinking and mortality from different diseases- an overview. *Contemporary Drug Problems*, 2006, 33(2): 205-235.
- Kerr, W.C., Greenfield, T.K., Midanik, L.T., How many drinks does it take you to feel drunk? Trends and predictors of subjective drunkenness. *Addiction*, 2006, 101:1428-37.
- Kerr, W.C., Greenfield, T.K., Tujague, J. & Brown, S.E. A drink is a drink? Variation in the amount of alcohol contained in beer, wine and spirits drinks in a US methodological sample. *Alcoholism: Clinical & Experimental Research* 2005, 29(11):2015-2021.
- Kerr, W. C., Greenfield, T. K., Bond, J., Ye, Y. & Rehm, J. Age-period-cohort decomposition of beverage-specific alcohol consumption for the U.S. using the 1979, 1984, 1990, 1995, and 2000 National Alcohol Surveys. *Addiction* 2004, **99**, 1111-1120.
- Kerr, W. C. Invited Editorial: Pancreatitis mortality and population level alcohol consumption: Taking the science a step forward. *Addiction* 2004 99(10) 1231.
- Kerr, W.C., Greenfield, T.K. & Brown, S. National and State Estimates of the mean ethanol content of beer sold in the US and their impact on per capita consumption estimates: 1988 to 2001. *Alcoholism: Clinical & Experimental Research* 2004, 28(10) 1524-1532.
- Greenfield, T.K. and Kerr W.C. Tracking Alcohol Consumption Over Time. *Alcohol Research and Health*, 2003, 27(1):30-38.

- Fillmore, K.M., Kerr, W.C. and Bostrom, A. Disentangling Transitions in Drinking Status, Serious Illness and Mortality Risk, *Journal of Studies on Alcohol*. 2003, 64(2) 278-285.
- Kerr, W.C. and Greenfield, T.K. Estimating the average ethanol content of beer in the United States: Differences across states and over time and their implications for research and policy, *Journal of Studies on Alcohol*. 2003, 64(1) 70-74 [Errata: 64: 439-440].
- Fillmore, K.M., Kerr, W.C. and Bostrom, A. Abstinence from Alcohol and Mortality Risk in Prospective Studies: Potential Source of Bias. *Nordisk Alkohol & Narkotikatidskrift*, 2002, 19(4):295-316.
- Kerr, W.C., Fillmore, K.M. and Bostrom, A. Stability of alcohol consumption over time; Evidence from three longitudinal surveys from the United States. *Journal of Studies on Alcohol* 2002, 63(3): 325-333.
- Fillmore, K.M., Roizen, R. Farrell, M., Kerr, W.C. and Lemmens, P. Wartime Paris, Cirrhosis Mortality, and the Ceteris Paribus Assumption. *Journal of Studies on Alcohol*. 2002, 63(4): 436-446.
- Kerr, W.C., Fillmore, K.M. and Marvy, P. Beverage Specific Alcohol Consumption and Cirrhosis Mortality: Evidence from a Group of English Speaking, Beer Drinking Countries, *Addiction* 2000, 95(3):339-346.
- Kerr, W.C., Fillmore, K.M. and Marvy, P. New Hypothesis and Methodological Challenges: A Reply to the Commentaries, *Addiction* 2000, 95(3):347-358.
- Kerr, W.C., Fillmore, K.M. and Marvy, P. Additional Comments on the Aggregate-Level Associations between Spirits Consumption and Cirrhosis Mortality (invited letter), *Addiction* 2000, 95(8):1265-1272.
- Roizen, R., Kerr, W.C. and Fillmore, K.M., Cirrhosis mortality and per capita consumption of distilled spirits, United States, 1949-1993: trend analysis, *British Medical Journal* 1999, 319:666-670. This article also appears in: *Western Journal of Medicine* (1999) 171:83-88.
- Roizen, R., Fillmore, K.M. and Kerr, W.C., Overlooking Terris: A Speculative Reconsideration of a Curious Spot Blindness in the History of Alcohol Control Science, *Contemporary Drug Problems*, 1999, 26:577-606.

THESIS AND DISSERTATION

An Economic Analysis of State Lotteries, Undergraduate thesis, New College 1988.

This paper examines the justifications for state sponsored lotteries and includes an historical analysis of the cycles of lottery legalization and outlaw in the United States, a welfare analysis of the costs and benefits to society of providing lotteries, and a tax analysis of the current form of the lottery as a revenue source. The welfare analysis found that lotteries provided a net benefit to society from consumer surplus compared to the costs of compulsive gambling. The tax analysis included an estimation of the price elasticity of demand for lottery tickets which was found to be elastic. Thus, lotteries could increase revenues, sales, and consumer surplus by reducing high the take-out rate, about 50% in most states.

Addiction, Quality Choice, and the Demand for Alcohol, doctoral dissertation, University of California, Davis 1997.

My dissertation examined the effects of addiction with quality choice on the demand for alcohol. I argue that alcoholics will be largely unresponsive to price or tax increases due to the strength of withdrawal symptoms and opportunities for quality substitution. In addition to a model of addictive consumption with quality choice will be two empirical studies supporting these implications. The first study on alcohol demand, using data from the National Health Interview Survey, finds that heavy drinkers demand characteristics are different from those of moderate drinkers. In particular, price response is less elastic and income elasticity is negative for the heaviest drinkers. However, the heaviest of the moderate male drinkers are found to be the most responsive to price. The second study examines the determinants of quality choice for alcohol using data from the Household Food Consumption Survey. Controlling for income and other factors, the heaviest drinkers are found to choose, on average, lower quality (price) alcoholic beverages than lighter drinkers.

GRANTS AND CONTRACTS

Ongoing Research Support

R01 AA021742; Kerr (PI)

05/25/2013-04/30/2018

National Institute on Alcohol Abuse and Alcoholism

Effects of spirits privatization on alcohol prices and alcohol-related harms

Analyses will lead to improved understanding of the effects of privatizing government controlled alcohol sales systems, alcohol taxes and alcohol availability in terms of their effects on prices, revenues, drinking patterns, alcohol-related harms, youth drinking and problems and policy opinions. Findings may be influential in furthering public health by estimating costs related to liberalizations of alcohol policies.

Effects of spirits privatization on alcohol prices and alcohol-related harms

Also awarded administrative supplement to look at the impact of marijuana legalization

Role: Senior Scientist and Principal Investigator

P50 AA005595-36; Kerr (PI)

01/01/16-12/31/20

NIAAA

Epidemiology of Alcohol Problems: Alcohol-related Disparities (National Alcohol Research Center Grant)

The Center provides resources, training, data and statistical expertise for the study of alcohol-related health, mental health and social problem disparities in the U.S. arising from differences between racial/ethnic and socioeconomic groups. Research projects will provide insights in to alcohol-related health risks, the effects of existing alcohol and health policies on alcohol-related disparities, and area-level influences on disparities in alcohol and drug use, abuse, related problems and treatment.

Role: Senior Scientist and Principal Investigator

R01 AA021448; Kerr (PI)

9/01/14-6/30/18

NIAAA: Inter-Relationships Between Life-Course Alcohol Patterns and Health Conditions.

This project will quantify the impacts of health problems and conditions on drinking patterns over the life- course and will utilize these findings to more clearly evaluate the role of alcohol in a set of health conditions and on general health status with attention to disparities in these relationships. This project will also evaluate impacts of childhood adversity and the 2008-9 recession on these outcomes.

Role: Senior Scientist and Principal Investigator

R01AA022791; Greenfield & Karriker-Jaffe (coPI's)

04/10/14-03/31/18

NIAAA: Alcohol's Harms to Others among US Adults: Individual and Contextual Effects

This project would add new items to the funded 2014-15 National Alcohol Survey and field a parallel US survey to study the types and seriousness of such harms. Broad goals are to (a) test a model of harms from others' drinking; (b) understand how impact of such harms is affected by gender, race/ethnicity and other demographic characteristics of both perpetrators and victims, and (c) examine how environmental and policy factors potentiate or mitigate harms.

Role: Senior Scientist

R01AA023267; Roberts, (PI UCSF) (Kerr PI of subcontract) 04/01/15-03/31/18

NIAAA: Alcohol and Pregnancy: Do State-level Punitive and Supportive Policies Matter?

This study is designed to answer key questions about overall effects of state-level policies relating to alcohol use during pregnancy and whether effects vary by race/ethnicity and socioeconomic status (SES). Many states have enacted policies related to alcohol use during pregnancy. This proposed project seeks to a) identify which state-level policies targeting alcohol use during pregnancy are associated with improved alcohol use and pregnancy outcomes, as well as which policies are associated with unintended consequences (of prenatal care avoidance); b) assess whether there is a synergistic effect of supportive and punitive policies; and c) examine whether there are disparate effects of policies.

Role: Senior Scientist and Principal Investigator of subcontract

R21AA023039; Subbaraman (PI)

12/01/14-11/30/16

NIAAA: How Cannabis Use Affects Treatment Outcomes

The primary aims of this study are to examine the effects of changes in cannabis use (i.e., increased vs. decreased use) during AUD treatment on post-treatment (immediately after treatment; one year, three years post-treatment) alcohol use and related problems. We will also investigate potential moderators (e.g., baseline dependence severity, social support) and mediators (e.g., alcohol cravings) of the relationship between cannabis use and AUD treatment outcomes. Preliminary analyses will also examine differences between those who use vs. do not use cannabis.

Role: Senior Scientist

R01 AA024443-01A1 (Purshouse, PI; Kerr sub PI) 08/01/16-04/30/21

Calibrated Agent Simulations for Combined Analysis of Drinking Etiologies (CASCADE)

This project aims to develop agent-based models and systems-based models of the UK and US populations for the sequential and linked purposes of testing theories of alcohol use behaviors, predicting population alcohol use patterns, predicting population level alcohol outcomes and evaluating the impacts of policy interventions on alcohol use patterns and harmful outcomes.

Completed Research Support

R01 AA021791; Kaplan (PI) (PI Subcontract: Kerr)

12/19/13-6/30/16

Economic Contraction and Alcohol-related Suicides: A Multi-level Analysis

Analyses will evaluate the impacts of multiple measures of economic contraction such as foreclosures and unemployment rates on alcohol-related suicide risk in the US. Data from the National Violent Death Reporting System on suicides in 16 states include details such as the decedent's blood alcohol level and other relevant individual-level information.

Role: Senior Scientist and Principal Investigator of sub-contract

P50 AA005595; Greenfield (PI) Years 31-35,

01/01/11 – 12/31/15

National Institute on Alcohol Abuse and Alcoholism

Epidemiology of Alcohol Problems

Specific aims are: a) to conduct innovative research in alcohol epidemiology, the prevalence, incidence, determinants, mediators and deterrents of alcohol problems in the general population, in women and ethnic minorities; b) study patterns of societal response to alcohol problems by formal (e.g., health services, legal system) and informal (e.g., family, friends) sectors of the community; c) to advance methods and theoretical models in alcohol epidemiology; d) to disseminate contributions to policy development to help plan prevention interventions and health services; and e) to promote and maintain a work environment which fosters innovative research, multidisciplinary training and scientific career development in alcohol epidemiology.

Role: Senior Scientist and Director of Epidemiological Analyses of the National Alcohol Surveys component

Contract Kerr (PI) 12/01/14 – 7/31/15
National Alcoholic Beverage Control Association
Revenues from Alcoholic Beverages and State Alcohol Tax Estimates
Role: Senior Scientist and Principal Investigator

Contract Kerr (PI) 9/01/13 – 2/31/14
National Alcoholic Beverage Control Association
Revenues from Alcoholic Beverages
Role: Senior Scientist and Principal Investigator

R01 AA017890 Ruhm (PI) (PI Subcontract: Greenfield) 06/05/09 –
05/31/12
NIAAA: Quality Substitution among Heavy & AUD Drinkers and Alcohol Tax Policy
The Alcohol Research Group will construct and analyze National Alcohol Surveys
datasets for price elasticity, and, separately, in individual-level substitution behavior.
Role: Senior Scientist

National Alcoholic Beverage Control Association (NABCA) Kerr (PI) 10/1/11-
12/31/11
Contract: The Blurring of Alcoholic Beverage Categories
Report on new products that don't clearly fit into the traditional beer, wine and spirits
categorizations used for defining alcoholic beverages and the implications of these for
alcohol control policies.
Role: Senior Scientist and Principal Investigator

R01 AA014362-01A2; Kerr (PI) 02/15/05-12/31/09
National Institute on Alcohol Abuse and Alcoholism
Alcohol and Mortality in the US: 1950-2000
Specific aims are: a) construct 50 year time series of mortality rates for alcohol-related
mortality causes in each US state; b) estimate models of the relationship between per capita
alcohol consumption and mortality causes controlling for relevant confounders using
methods comparable to previous analyses of European countries and Canadian provinces;
c) estimate pooled model these relationships in empirically constructed groups of US
states; d) utilize alcohol consumption pattern and other data from three US survey series to
estimate relationships between patterns and mortality in pooled models; e) utilize survey
estimates of alcohol volume and patterns in age, gender and ethnicity-specific groups to
model the relationships between alcohol use and mortality in these specific groups for acute
mortality causes; f) utilize survey estimates of alcohol use in birth cohort, gender and
ethnicity-specific groups to model relationship between alcohol and chronic mortality
causes in these groups.
Role: Scientist and Principal Investigator

P30 AA05595; Greenfield (PI) Years 26-30, 05/18/06 – 12/31/10
National Institute on Alcohol Abuse and Alcoholism
Epidemiology of Alcohol Problems

Specific aims are: a) to conduct innovative research in alcohol epidemiology, the prevalence, incidence, determinants, mediators and deterrents of alcohol problems in the general population, in women and ethnic minorities; b) study patterns of societal response to alcohol problems by formal (e.g., health services, legal system) and informal (e.g., family, friends) sectors of the community; c) to advance methods and theoretical models in alcohol epidemiology; d) to disseminate contributions to policy development to help plan prevention interventions and health services; and e) to promote and maintain a work environment which fosters innovative research, multidisciplinary training and scientific career development in alcohol epidemiology.

Role: Scientist and Director of Methods component

R01 AA016644; Greenfield (PI)

9/01/07 – 8/31/11

National Institute on Alcohol Abuse and Alcoholism

Drinking Patterns and Ethnicity: Impact on Mortality Rates

Specific aims are: a) estimate the effects of baseline measures of alcohol use on prospective mortality for the following mortality outcomes; all-cause IHD, cancer, liver disease and injury; 2) examine mortality relationships by ethnic group; 3) examine the influence and importance of potential confounding variables; 4) test the importance of age and birth cohort in determining risk estimates; 5) utilize the 1984 NAS longitudinal sample to model factors related to the stability of drinking patterns.

Role: Scientist

Contract Kerr (PI)

8/01/08 – 7/31/09

National Alcoholic Beverage Control Association

Update of Alcohol Policy Research and Alcoholic Beverage Control Systems: Annotated Bibliography & Review and Effects of Privatization pamphlet. Bibliographic search, document annotation, and summary report to NABCA, useful for (a) justifying existing state alcohol regulatory systems (b) identifying effective policies and (c) determining needed research.

Role: Senior Scientist and Principal Investigator

Stockwell (PI)

07/01/03 – 12/31/04

Curtin University of Technology, National Drug Research Institute

Does Moderate Drinking Prevent Heart Disease? A Meta Analysis and Re-Estimation of Alcohol Caused Mortality in Australia

Dr. Kerr was involved in all aspects of the project including the coding of individual study results and characteristics, meta-analysis modeling and writing papers and reports detailing the results of the study. The goals of the study are to estimate the impact of alcohol consumption on all-cause mortality, coronary heart disease and stroke mortality carefully controlling for a variety of differences between studies including alcohol consumption measures and particularly the identification of lifetime abstainers.

Role: Scientist

R01 AA07034 Fillmore (PI)

1997 – 2001

National Institute on Alcohol Abuse and Alcoholism

Collaborative Alcohol Related Longitudinal Project

Specific Aims are an International analysis of longitudinal studies, alcohol and mortality and gender differences in alcohol consumption

Role: Project Director

R21 AA13532; Greenfield (PI)

9/30/01-8/31/05

National Institute on Alcohol Abuse and Alcoholism

Malt Liquor/Fortified Wine Use and Ethnicity in the U.S.

Specific aims are to conduct a secondary analysis of the 2000 National Alcohol Survey to establish demographic and other characteristics of heavy users of high alcohol content products, including high-risk behaviors, alcohol dependence and other problems, controlling for associations with regular beer and table wine and heavy drinking.

Role: Scientist

P50 AA05595; Greenfield (PI) Years 21-25,

01/01/01 – 12/31/06

National Institute on Alcohol Abuse and Alcoholism

Epidemiology of Alcohol Problems

Specific aims are: a) to conduct innovative research in alcohol epidemiology, the prevalence, incidence, determinants, mediators and deterrents of alcohol problems in the general population, in women and ethnic minorities; b) study patterns of societal response to alcohol problems by formal (e.g., health services, legal system) and informal (e.g., family, friends) sectors of the community; c) to advance methods and theoretical models in alcohol epidemiology; d) to disseminate contributions to policy development to help plan prevention interventions and health services; and e) to promote and maintain a work environment which fosters innovative research, multidisciplinary training and scientific career development in alcohol epidemiology.

Role: Scientist

Contract Kerr (PI)

7/01/07 – 3/31/08

National Alcoholic Beverage Control Association

Alcohol Policy Research and Alcoholic Beverage Control Systems: Annotated Bibliography & Review

Bibliographic search, document annotation, and summary report to NABCA, useful for (a) justifying existing state alcohol regulatory systems (b) identifying effective policies and (c) determining needed research.

Role: Scientist and Principal Investigator