

## D. Mark Anderson

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Montana State University  
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### EDUCATION

Ph.D. in Economics, University of Washington, 2011  
M.A. in Economics, University of Washington, 2009  
B.S. in Economics, Montana State University, 2005  
B.S. in Mathematics, Montana State University, 2005

### EMPLOYMENT

Associate Professor of Economics, Montana State University, 2017-present  
Assistant Professor of Economics, Montana State University, 2011-2017

### OTHER APPOINTMENTS

Co-Editor, *Economic Inquiry*, 2018-present  
Research Associate, National Bureau of Economic Research (NBER), 2020-present  
Research Fellow, National Bureau of Economic Research (NBER), 2018-2020  
Research Affiliate, Institute for the Study of Labor (IZA), 2016-present  
Fellow, Global Labor Organization (GLO), 2018-present  
Advisory Board, Center for Health Economics & Policy Studies, SDSU, 2017-present  
Regional Affiliate, Center for Studies in Demography and Ecology, U. of Washington, 2021-present  
Visiting Instructor, Universidad de los Andes, Summer 2019

### JOURNAL ARTICLES

- “Re-Examining the Contribution of Public Health Efforts to the Decline in Urban Mortality,” with Kerwin Charles and Daniel Rees. Forthcoming at *American Economic Journal: Applied Economics*.
- “Re-Examining the Contribution of Public Health Efforts to the Decline in Urban Mortality: Reply to Cutler and Miller,” with Kerwin Charles and Daniel Rees. Forthcoming at *American Economic Journal: Applied Economics*.
- “The Public Health Effects of Legalizing Marijuana,” with Daniel Rees. Forthcoming at *Journal of Economic Literature*.
- “Child Access Prevention Laws and Juvenile Firearm-Related Homicides,” with Joseph Sabia and Erdal Tekin. Forthcoming at *Journal of Urban Economics*.
- “Marriage Equality Laws and Youth Mental Health,” with Kyutaro Matsuzawa and Joseph Sabia. 2021. *Journal of Law and Economics* 64: 29-51.
- “Water Purification Efforts and the Black-White Infant Mortality Gap, 1906-1938,” with Kerwin Charles, Daniel Rees, and Tianyi Wang. 2021. *Journal of Urban Economics* 122: 103329.

- “Association of Marijuana Legalization with Marijuana Use Among U.S. High School Students, 1993-2019,” with Daniel Rees, Joseph Sabia, and Samuel Safford. 2021. *JAMA Network Open* 4: e2124638.
- “The Effect of Occupational Licensing on Consumer Welfare: Early Midwifery Laws and Maternal Mortality,” with Ryan Brown, Kerwin Charles, and Daniel Rees. 2020. *Journal of Political Economy* 128: 4337-4383.
- “The Phenomenon of Summer Diarrhea and its Waning, 1910-1930,” with Daniel Rees and Tianyi Wang. 2020. *Explorations in Economic History* 78: 101341.
- “Cigarette Taxes and Teen Marijuana Use,” with Kyutaro Matsuzawa and Joseph Sabia. 2020. *National Tax Journal* 73: 475-510.
- “Do Economic Downturns Fuel Racial Animus?” with Benjamin Crost and Daniel Rees. 2020. *Journal of Economic Behavior and Organization* 175: 9-18.
- “Challenging the Association of Marijuana Laws with Teen Marijuana Use – Reply,” with Daniel Rees and Joseph Sabia. 2020. *JAMA Pediatrics* 174: 99-100.
- “Was the First Public Health Campaign Successful? The Tuberculosis Movement and its Effect on Mortality,” with Kerwin Charles, Claudio Las Heras Olivares, and Daniel Rees. 2019. *American Economic Journal: Applied Economics* 2: 143-175.
- “Association of Marijuana Laws With Teen Marijuana Use: New Estimates From the Youth Risk Behavior Surveys,” with Benjamin Hansen, Daniel Rees, and Joseph Sabia. 2019. *JAMA Pediatrics* 173: 879-881.
- “Are Booster Seats More Effective than Child Safety Seats or Seat Belts at Reducing Traffic Fatalities among Children?” with Sina Sandholt. 2019. *American Journal of Health Economics* 5: 42-64.
- “Child Access Prevention Laws, Youth Gun Carrying, and School Shootings,” with Joseph Sabia. 2018. *Journal of Law and Economics* 61: 489-524.
- “Wet Laws, Drinking Establishments, and Violent Crime,” with Benjamin Crost and Daniel Rees. 2018. *Economic Journal* 128: 1333-1366.
- “Medical Marijuana Laws and Workplace Fatalities in the United States,” with Daniel Rees and Erdal Tekin. 2018. *International Journal of Drug Policy* 60: 33-39.
- “Booster Seat Effectiveness among Older Children: Evidence from Washington State,” with Lindsay Carlson and Daniel Rees. 2017. *American Journal of Preventative Medicine* 53: 210-215.
- “The Effect of Parental Involvement Laws on Teen Birth Control Use,” with Joseph Sabia. 2016. *Journal of Health Economics* 45: 55-62.

- “Deployments, Combat Exposure, and Crime,” with Daniel Rees. 2015. *Journal of Law and Economics* 58: 235-267.
- “Medical Marijuana Laws and Teen Marijuana Use,” with Daniel Rees and Benjamin Hansen. 2015. *American Law and Economics Review* 17: 495-528.
- “The Meth Project and Teen Meth Use: New Estimates from the National and State Youth Risk Behavior Surveys,” with David Elsea. 2015. *Health Economics* 24: 1644-1650.
- “Does Shortening the School Week Impact Student Performance? Evidence from the Four-Day School Week,” with Mary Beth Walker. 2015. *Education Finance and Policy* 10: 314-349.
- “Per Se Drugged Driving Laws and Traffic Fatalities,” with Daniel Rees. 2015. *International Review of Law and Economics* 42: 122-134.
- “Youth Depression and Future Criminal Behavior,” with Resul Cesur and Erdal Tekin. 2015. *Economic Inquiry* 53: 294-317.
- “In School and Out of Trouble? The Minimum Dropout Age and Juvenile Crime.” 2014. *Review of Economics and Statistics* 96: 318-331.
- “Medical Marijuana Laws and Suicides by Gender and Age,” with Daniel Rees and Joseph Sabia. 2014. *American Journal of Public Health* 104: 2369-2376.
- “The Legalization of Recreational Marijuana: How Likely is the Worst-Case Scenario?” with Daniel Rees. 2014. *Journal of Policy Analysis and Management* 33: 221-232.
- “The Role of Dispensaries: The Devil *is* in the Details,” with Daniel Rees. 2014. *Journal of Policy Analysis and Management* 33: 235-240.
- “High School Dropouts and Sexually Transmitted Infections,” with Claus Pörtner. 2014. *Southern Economic Journal* 81: 113-134.
- “Medical Marijuana Laws, Traffic Fatalities, and Alcohol Consumption,” with Benjamin Hansen and Daniel Rees. 2013. *Journal of Law and Economics* 56: 333-369.
- “The Minimum Dropout Age and Student Victimization,” with Benjamin Hansen and Mary Beth Walker. 2013. *Economics of Education Review* 35: 66-74.
- “The Impact of HIV Education on Behavior among Youths: A Propensity Score Matching Approach.” 2013. *Contemporary Economic Policy* 31: 503-527.
- “Does Information Matter? The Effect of the Meth Project on Meth Use among Youths.” 2010. *Journal of Health Economics* 29: 732-742.
- “Estimating the Economic Value of Ice Climbing in Hyalite Canyon: An Application of Travel Cost Count Data Models that Account for Excess Zeros.” 2010. *Journal of Environmental Management* 91: 1012-1020.

## WORKING PAPERS

“The Federal Effort to Desegregate Southern Hospitals and the Black-White Infant Mortality Gap,” with Kerwin Charles and Daniel Rees. 2021. NBER Working Paper No. 27970.

“Have U.S. Gun Buyback Programs Misfired?” with Toshio Ferrazares and Joseph Sabia. 2021. NBER Working Paper No. 28763.

## OTHER PUBLICATIONS AND POLICY REPORTS

“Public Health Efforts and the US Mortality Transition,” with Kerwin Charles and Daniel Rees. 2021. **NBER Reporter No. 3, October.**

“The Federal Effort to Desegregate Southern Hospitals and the Black-White Infant Mortality Gap,” with Kerwin Charles and Daniel Rees. 2021. **Cato Research Briefs in Economic Policy No. 255.**

“Was the First Public Health Campaign Successful? The Tuberculosis Movement and Its Effect on Mortality,” with Kerwin Charles, Claudio Las Heras Olivares, and Daniel Rees. 2017. **Cato Research Briefs in Economic Policy No. 76.**

“Introduction to the Special Issue on Education and Crime,” with Lance Lochner. 2016. *Economics of Education Review* 54: 211-213.

“Does Shortening the School Week Impact Student Performance? Evidence from the Four-Day School Week,” with Mary Beth Walker. 2015. **School and District Reform Blog, Policy Analysis for California Education.**

Response to Harris et al.’s “State-Level Relationships Cannot Tell Us Anything About Individuals,” with Daniel Rees and Joseph Sabia. 2015. *American Journal of Public Health* 105: e8-e9.

“High on Life? Medical Marijuana Laws and Suicide,” with Daniel Rees and Joseph Sabia. 2015. **Cato Research Briefs in Economic Policy No. 17.**

“Medical Marijuana Laws and Teen Marijuana Use,” with Ben Hansen and Daniel Rees. 2014. **Cato Research Briefs in Economic Policy No. 11.**

## MEDIA COVERAGE

Paper discussed: “The Federal Effort to Desegregate Southern Hospitals and the Black-White Infant Mortality Gap.” Featured in Yale Insights.

Paper discussed: “Have U.S. Gun Buyback Programs Misfired?” Featured in media outlets, including NBC Philadelphia and Reason.

Paper discussed: “Association of Marijuana Laws With Teen Marijuana Use: New Estimates From the Youth Risk Behavior Surveys.” Featured in media outlets, including CNN, BBC, CNBC, NBC, ABC, U.S. News, Forbes, Yahoo!, and Chicago Tribune.

Paper discussed: “Child Access Prevention Laws and Juvenile Firearm-Related Homicides.” Featured in the NBER Digest.

Paper discussed: “Occupational Licensing and Maternal Health: Evidence from Early Midwifery Laws.” Featured in the NBER Digest.

Paper discussed: “Re-Examining the Contribution of Public Health Efforts to the Decline in Urban Mortality.” Featured in the IZA Newsroom.

Paper discussed: “Was the First Public Health Campaign Successful? The Tuberculosis Movement and its Effect on Mortality.” Featured in the AEA Research Highlights.

Paper discussed: “Medical Marijuana Laws and Workplace Fatalities in the United States.” Featured in media outlets, including Business Insider and WorkersCompensation.com.

Paper discussed: “Are Booster Seats More Effective than Child Safety Seats or Seat Belts at Reducing Traffic Fatalities among Children?” Featured in media outlets, including Science Daily and Phys.org.

Paper discussed: “Booster Seat Effectiveness among Older Children: Evidence from Washington State.” Featured in media outlets, including Medscape.

Paper discussed: “Medical Marijuana Laws and Suicides by Gender and Age.” Featured in media outlets, including the Huffington Post and New Republic.

Paper discussed: “The Legalization of Recreational Marijuana: How Likely is the Worst-Case Scenario?” Featured in media outlets, including the New York Times Editorial, Chicago Tribune, San Francisco Chronicle, and Forbes.

Paper discussed: “Deployments, Combat Exposure, and Crime.” Featured in media outlets, including the San Diego Union-Tribune.

Paper discussed: “Medical Marijuana Laws and Teen Marijuana Use.” Featured in media outlets, including CBS News, Colorado Public Radio, the Denver Post, MSNBC News, and Yahoo! News.

Paper discussed: “Does Shortening the School Week Impact Student Performance? Evidence from the Four-Day School Week.” Featured in media outlets, including the Atlantic Journal-Constitution, Huffington Post, NBC News, New York Magazine, and the Today Show.

Paper discussed: “Medical Marijuana Laws, Traffic Fatalities, and Alcohol Consumption.” Featured in media outlets, including ABC News, Time, Popular Science, and the Wall Street Journal.

Paper discussed: “Does Information Matter? The Effect of the Meth Project on Meth Use among Youths.” Featured in media outlets, including the Chicago Tribune, Denver Post, San Francisco Examiner, and CNBC News.

## **CONFERENCES AND INVITED PRESENTATIONS**

**2021:** American Economic Association Annual Meeting, Indiana University, Osher Lifelong Learning Institute at Montana State University, Stanford University, Temple University

- 2020:** American Economic Association Annual Meeting, NBER Health Care Fall Meeting, San Diego State University, Southern Economic Association Annual Meeting
- 2019:** NBER Health Economics Summer Meeting, Southern Economic Association Annual Meeting, Universidad de los Andes
- 2018:** California Polytechnic State University, College of William and Mary, Economic History Association Annual Meeting, Florida State University, Montana State University College of Agriculture, Northern Illinois University, Southern Economic Association Annual Meeting
- 2017:** IZA Conference on Labor Market Policy Evaluation, Montana State University Women's Center, Southern Economic Association Annual Meeting, Texas Tech University, University of Montana
- 2016:** Georgia State University, Louisiana State University, Southern Economic Association Annual Meeting, Virginia Tech University
- 2015:** Arizona State University, Colgate University, Midwest Economics Association Annual Meeting, NBER Health Economics Spring Meeting, Purdue University, Southern Economic Association Annual Meeting, Syracuse University
- 2014:** American Society of Health Economics Annual Meeting, Clemson University, Economic Demography Workshop at the Population Association of America Annual Meeting, San Diego State University, Seventh Circuit Bar Association at Northwestern University Law School, Southern Economic Association Annual Meeting, University of Washington
- 2013:** International Society for the Study of Drug Policy Annual Meeting, Southern Economic Association Annual Meeting, Western Economic Association Annual Meeting
- 2012:** Association for Education Finance and Policy Annual Meeting, Clemson University, NBER Health Economics Spring Meeting, Southern Economic Association Annual Meeting
- 2011:** Georgia State University, Institute for Health Metrics and Evaluation, McGill University, Montana State University, Population Association of America Annual Meeting, Simon Fraser University, Southern Economic Association Annual Meeting, Stanford University, University of Colorado at Denver, University of Hawaii
- 2010:** Montana State University, Population Association of America Annual Meeting, Southern Economic Association Annual Meeting, University of Colorado at Denver, University of Washington
- 2009:** Population Association of America Annual Meeting, Southern Economic Association Annual Meeting
- 2008:** Montana State University, Pacific Development Conference Annual Meeting

## **PROFESSIONAL SERVICE**

Referee (number of reviews in parentheses): *AERA Open*, *Alcohol and Alcoholism*, *American Economic Journal: Applied Economics* (2), *American Economic Journal: Economic Policy* (3), *American Economic Review: Insights*, *American Journal of Health Economics* (4), *American Journal of Public Health* (2), *American Law and Economics Review*, *Annals of Leisure Research*, *B.E. Journal of Economic Analysis and Policy* (8), *Contemporary Economic Policy* (2), *Crime and Delinquency* (2), *Eastern Economic Journal*, *Economic Inquiry* (5), *Economic Journal*, *Economics of Education Review* (6), *Economics and Human Biology*, *Economics Letters*, *Education Finance and Policy* (4), *Explorations in Economic History*, *Health Affairs*, *Health Economics* (9), *Industrial and Labor Relations Review*, *International Journal of Drug Policy*, *International Review of Law and Economics*, *JAMA Pediatrics* (4), *Journal of Adolescent Health*, *Journal of Economic Behavior and Organization* (2), *Journal of Economic History*, *Journal of Economic Surveys*, *Journal of Empirical Legal Studies*, *Journal of Health Economics* (4), *Journal of Human Resources* (5), *Journal of Labor Economics* (2), *Journal of Law and Economics* (3), *Journal of Policy Analysis and Management* (4), *Journal of Population Economics* (4), *Journal of Public Economics* (4), *Journal of Quantitative Criminology*, *Labour Economics*, *National Tax Journal*, *Oxford Bulletin of Economics and Statistics* (2), *Pediatrics* (2), *PLOS ONE*, *Preventing Chronic Disease*, *Regional Science and Urban Economics*, *Review of Economics and Statistics* (3), *Scandinavian Journal of Economics*, *Southern Economic Journal* (5)

### Book Reviewer:

*Methods of Economic Research: Craftsmanship and Credibility in Applied Microeconomics Economics of Education* (2<sup>nd</sup> Edition)

### Conference Session Organizer:

Southern Economic Association Annual Meeting, 2012, 2014-2020

### Conference Session Chairman:

Western Economic Association Annual Meeting, 2013  
Population Association of America Annual Meeting, 2011  
Southern Economic Association Annual Meeting, 2009-2011, 2016-2020

### Conference Session Discussant:

Midwest Economics Association Annual Meeting, 2015  
American Society of Health Economists Biennial Meeting, 2012 & 2014  
Southern Economic Association Annual Meeting, 2009-2012, 2014-2017, 2020  
Western Economic Association Annual Meeting, 2013

### Conference Submission Reviewer:

Agricultural and Applied Economics Association Annual Meeting, 2014  
Western Agricultural and Resource Economics Association Annual Meeting, 2012

### Grant Reviewer:

CDC Special Emphasis Panel for CE-20-006, "Research Grants to Prevent Firearm-Related Violence and Injuries"

Professional Affiliations: American Economic Association, Economic History Association,  
Southern Economic Association

## **UNIVERSITY SERVICE**

Pure Gold Selection Committee, 2012-present

Montana State University Ph.D. committee Graduate Representative:

Jessica Mueller, Department of Mechanical and Industrial Engineering, 2015

Jeril Hehn, Department of Education, 2015

Montana State University Master's thesis committees:

Kate Cowart (committee member), Department of Political Science, 2018

Alyssa Peck (committee member), Department of Math Sciences, 2014

Kevin Ferris (committee member), Department of Math Sciences, 2014

## **DEPARTMENTAL SERVICE**

Master's thesis committees:

Ridge Peterson (committee member), expected 2022

Mitch Harris (chair), 2021

Scott Lantz (chair), 2020

Eric Wert (chair), 2019

Connor Dwinell (committee member), 2019

Lev Parker (committee member), 2019

Logan Hendrix (committee member), 2018

Jay Matonte (committee member), 2018

Kadeem Noray (chair), 2017

Neil Silveus (committee member), 2017

James Sears (chair), 2016

Mike Tarrant (co-chair), 2015

Case Stiglbauer (committee member), 2015

David Elsea (co-chair), 2014

Ethan Wilkes (co-chair), 2014

James Banovetz (committee member), 2014

Chris Watson (committee member), 2013

Jake Morgan (committee member), 2012

Luke Pennig (committee member), 2012

Resident Instruction Committee: 2015-2017

Job Search Committee: 2013, 2016, 2017 (chair), 2018, 2019 (chair)

Dave Buschena Scholarship Exam Committee: 2012-present

Advisory Committee: 2012-2014, 2020-present

## **AWARDS AND HONORS**

Initiative for Regulation and Applied Economic Analysis Research Grant, Montana State University, 2020-2021. Amount: \$9,000.

Faculty Excellence Grant, Montana State University, 2018-2019. Amount: \$3,375.

College of Letters and Science Research Enhancement Awards, Montana State University, 2011-2019. Total amount: \$6,919.



Montana State University Alumni Foundation Faculty Award for Excellence, 2017

Arthur H. Cole Grant, Economic History Association, 2016. Amount: \$5,000.

Montana State University Alumni Foundation Faculty Award for Excellence, 2016

Koch Foundation Grant, 2014-2015. Amount: \$8,000.

Koch Foundation Grant, 2013-2014. Amount: \$6,500.

Scholarship and Creativity Grant, Montana State University, 2013-2014. Amount: \$3,000.

Faculty Excellence Award, College of Agriculture, Montana State University, 2013. Amount: \$1,600.

Andrew Young School of Policy Studies Visiting Fellow, Georgia State University, 2011. Funded research on education policy.

Graduate School Fund for Excellence and Innovation Travel Grant Award, University of Washington, 2011

Rachel M. Storer Award for Best Labor Economics Paper: "In School and Out of Trouble? The Minimum Dropout Age and Juvenile Crime," Department of Economics, University of Washington, 2010

Graduate School Fund for Excellence and Innovation Travel Grant Award, University of Washington, 2010

Center for Studies in Demography and Ecology (CSDE) fellow/trainee, funded by the National Institute of Child Health and Human Development (NICHD), 2009-2011

Center for Studies in Demography and Ecology (CSDE) fellow, sponsored by CSDE, University of Washington, 2008-2009

Recipient of graduate student funding from the University of Maryland Population Research Center to attend the 2009 Annual Workshop on Crime and Population Dynamics in Baltimore, Maryland

Best Microeconomics Paper Award: "The Effects of Poverty on the Susceptibility to Crime in South Africa," Department of Economics, University of Washington, 2008

Steven Langton Award for Distinguished Undergraduate Teaching, Department of Economics, University of Washington, 2008

Outstanding Senior of the Year, Department of Mathematics, Montana State University, 2005

## **TEACHING EXPERIENCE**

### ***Montana State University***

Economics of Crime and Risky Behaviors (ECNS 316): 2018-present

Econometrics I (ECNS 561): 2014-2018

Benefit-Cost Analysis (ECNS 432): 2012-present

Microeconomics Problem Solving Seminar (ECNS 394): 2012-2013

Intermediate Macroeconomics (ECNS 303): 2011-2015

Principles of Microeconomics (ECNS 204): 2008, 2012-2014, 2020-present

***Universidad de los Andes***

Economics of Crime, Drugs and Other Risky Behaviors: Summer 2019

***University of Washington***

Introduction to Microeconomics (ECON 200): 2008-2009

Introduction to Microeconomics (ECON 200, teaching assistant): 2006-2008

**WORK EXPERIENCE**

Research Assistant to Dr. Claus Pörtner, University of Washington, 2009

Research Assistant to Dr. Yoram Barzel, University of Washington, 2008-2009

Conducted Hyalite Canyon Access Survey, 2008-2009. Surveyed over 300 ice climbers for research on outdoor recreation and Forest Service policy.

Statistics Intern, Montana Agricultural Statistics Service, Helena, MT, 2005

Wilderness Ranger/Trail Crew, National Forest Service, Livingston, MT, 2004

Wildland Firefighter, Bureau of Land Management, Lewistown, MT, 2003