

John Anders

Curriculum Vitae

April 2020

Assistant Professor, Trinity University
San Antonio, TX

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Current Position

Assistant Professor, Trinity University	2020-
Research Associate, Federal Statistical Research Data Center, Texas A&M University	2019-

Fields of Interest

Applied Microeconomics: Public, Education, Economic History

Education

PhD Economics, Texas A&M University	2014-2019
MA Economics, University of Nevada, Las Vegas	2012-2014
MA History and Philosophy of Science, University of Pittsburgh	2003-2007
MA Philosophy, University of Pittsburgh	2003-2007
BA Liberal Arts, St John's College, Santa Fe	1999-2003

Publications and Working Papers

Working Papers

“The Long Run Effects of de jure Discrimination in the Credit Market: How Redlining Increased Crime”
(Job Market Paper) [paper link](#)

Abstract: The welfare costs of crime are disproportionately borne by individuals living in predominately African-American or Hispanic neighborhoods. This paper uses two regression discontinuity designs to show that Federal housing policies established in the wake of the Great Depression make present-day contributions both to this inequity in the distribution of crime within cities and to the overall volume of crime in a city. To stabilize housing markets in the 1930s, a newly formed Federal agency constructed maps of 239 US cities; these maps purported to grade neighborhoods in terms of lending risk, the riskiest neighborhoods being labeled in red and colloquially said to have been “redlined”. Redlined neighborhoods faced decades of reduced credit access relative to neighborhoods assigned higher grades. First, I use a spatial regression discontinuity design to show that these neighborhood color assignments made in the late 1930s causally influence the present day distribution of crime across neighborhoods in Los Angeles, California. I use a second regression discontinuity design that relies on between-city variation in which cities were mapped to show that these housing policies did not merely redistribute present day crime within cities, but increased the overall volume of city-level crime. An extension of the latter analysis suggests that (a) redlining decreased crime in neighborhoods that were not

redlined and that (b) increases in city-level racial segregation were one channel through which redlining increased city-level crime.

“Medicaid, Marijuana and Opioids: Is Prescription Access to Blame?” [paper link](#)

Abstract: Is the opioid epidemic attributable to prescription painkillers becoming more accessible? I find that, for an average county, Medicaid expansions under the Affordable Care Act caused approximately 175,000 more opioid units to be prescribed per year, and 4 additional opioid-related deaths per year. Medicaid expansions explain nearly a third of the overall death toll. These results are driven largely by deaths of white men, and vary by local access to marijuana (a substitute painkiller). After estimating the interactive impact of Medicaid expansions and marijuana legalization on opioid-related deaths, I conclude that opioid mortality can be reduced without restricting opioid access.

“The Effect of Early Childhood Education on Adult Criminality: Evidence from the 1960s through 1990s” (Joint With Andrew Barr and Alex Smith), Under Review [paper link](#)

Abstract: We investigate the impact of early childhood education on adult criminal behavior, leveraging policy variation spanning decades. We use variation across birth cohorts generated by the rollout of Head Start (for those born in the 1960s and 1970s) and Smart Start (for those born in the 1980s and 90s) along with administrative crime data containing the birth county of all individuals convicted of a crime in North Carolina. Across programs and time periods we find that improvements to early childhood education led to large (20 percent) reductions in the likelihood of a serious criminal conviction in adulthood, with these reductions concentrated in high poverty counties. While the benefits generated by each program in the form of crime reduction exceed the costs, we find substantial relative gains from the targeting of funds to high poverty areas and to areas without existing access to subsidized care.

Works in Progress

The following projects all involve a restricted version of Census datasets in which I observe respondents' place of birth.

“Long-Run Effects of College Accessibility”

I use college openings and closings in a county (from 1860-1990) to measure the effects of educational attainment on employment, occupation and income throughout adulthood and into retirement. I also consider long run effects on less well-studied outcomes such as health and civic engagement.

“Long-Run Effects of War on Poverty Programs”

I use the introduction of early childhood programs during the 1960s and 1970s such as Head Start, Food Stamps, WIC, and School Meal Subsidies to measure the long run impact of childhood safety net programs on adult outcomes including employment and criminal conviction.

“Long-Run Effects of Library Openings”

I use a novel dataset which contains the dates at which every US county gained its first public library. I then construct a variable which measures the number of years for which a given individual had an accessible public library in her county. I estimate the effects of exposure to a library, a key informational and educational institution, on various adulthood labor market and health outcomes.

Published Articles (Philosophy)

- Anders, John. "Problēmata Mēchanika, the Analytics, and Projectile Motion" *Apeiron* 46.2 (2013): 106-135.
- Anders, John. "A Note on Aquinas' Alleged Quantifier Mistake in the Third Way." *International Journal for Philosophy of Religion* 71.2 (2012): 137-143.
- Anders, John. "An Aporetic Approach to Husserl's Reflections on Time" in *Epistemology, Archaeology, Ethics: Current Investigations of Husserl's Corpus*, Vandeveld, Luft (ed.) (2010), London, Continuum International Publishing Group, pgs. 79-101

Translations (History of Mathematics)

- Anders, John, translator. Selections from "*Oeuvres Completes d'Augustin Cauchy: Resume des lecons donnees a l'Ecole Royale Polytechnique sur le calcul infinitesimal*". By Augustin-Louis Cauchy. In *God Created the Integers*, edited by Stephen Hawking, Running Press, 2005, pp. 643-667.
- Anders, John, translator. "*Gleichmaessige Stetigkeit*" By Karl Weierstrass. In *God Created the Integers*, edited by Stephen Hawking, Running Press, 2010, pp. 894-900.
- Ansaldi, Michael, translator, with technical assistance from John Anders. "*Ueber die Darstellbarkeit einer Function durch einer trigonometrische Reihe*". By Bernhard Reimann. In *God Created the Integers*, edited by Stephen Hawking, Running Press, 2005, pp. 826-865.
- Ansaldi, Michael, translator, with technical assistance from John Anders. "*Ueber die Anzahl Primzahlen unter eine gegeben Grosse*" By Bernhard Reimann. In *God Created the Integers*, edited by Stephen Hawking, Running Press, 2005, pp. 876-885.
- Ansaldi, Michael, translator, with technical assistance from John Anders. "*Integrale, Longeur, Aire*" By Henri Lebesgue. In *God Created the Integers*, edited by Stephen Hawking, Running Press, 2005, pp. 1046-1087.

Book Reviews

- Review of *Threatening Property: Race, Class, and Campaigns to Legislate Jim Crow Neighborhoods* by Elizabeth A. Herbin-Triant, Columbia University Press, 2019.

Conference Presentations and Attendance

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| "Grouchy and Smith: How Sympathy Shapes Institutions" | 2020 |
| Paper to be presented at 2020 Philosophy, Politics and Economics Conference | |
| "Non-Metropolitan 'Vetrepreneurs': A Demographic Profile of Veteran Owning Businesses in Rural America" | 2019 |
| Work presented at 2019 Southern Demographic Association Annual Meeting | |
| "The Long Run Effects of Credit Market Discrimination: How Redlining Harmed 1930s Birth Cohorts" | 2019 |
| Presented at 2019 Annual Conference of the Federal Statistical Research Data Centers | |
| "The Long Run Effects of Discrimination: Redlining, Segregation and Crime" | 2019 |

Invited presentation at Homer Hoyt Institute Annual Meeting slides	
<i>“The Long Run Effects of Discrimination: How Redlining Increased Crime”</i>	2018
Presented at Urban Economic Association, 13th Annual Meeting slides	
<i>“Head Start on Crime-fighting? The Effect of Access to Early Childhood Education”</i>	2017
Work presented at Southern Economic Conference, 88th Annual Meeting slides	
Duke Summer Institute <i>“Topics in the History of Economics”</i>	2017
Participated in two week seminar series in the Center for the History of Political Economy	
<i>“Hegel’s Critique of Newton”</i>	2014
Presented at St John’s College Santa Fe Graduate Institute Lecture Series, Santa Fe	
<i>“Nature and Art in A Winter’s Tale”</i>	2013
Presented to Rocky Mountain Modern Language Association, Vancouver (panel on “Shakespeare and Philosophy”)	
<i>“Kant on Friendship”</i>	2011
Commented on at American Philosophical Association Pacific Division, San Diego (panel devoted to the topic of philosopher’s accounts of friendship)	
<i>“An Aporetic Approach to Husserl’s Reflections on Time”</i>	2008
Presented to International Husserl Circle Conference, Milwaukee	
<i>“Projectile Motion and the Mechanical Problems”</i>	2007
Invited presentation to History of Science Society, Washington D.C. (panel on the <i>Mechanical Problems</i>)	
<i>“The Ontological Status of Moral Virtue in Aristotle”</i>	2005
Commented on at Pitt/CMU Graduate student conference, Pittsburgh	
<i>“Analogical Argumentation in the 1905 Light Quantum Paper”</i>	2005
Presented to Joint Atlantic Seminar in the History of the Physical Sciences session “Einstein’s Centennial”, South Bend	

Teaching

<i>Texas A&M University</i>	2014-2019
Graduate Student Teaching Assistant in Economics Department	
Econ 461: Economic Data Analysis	
Econ 463: Introduction to Econometrics	
<i>University of Nevada, Las Vegas</i>	2008-2013
Adjunct Instructor in Philosophy Department	
Phil 101: Introduction to Philosophy	
Phil 102: Critical Thinking and Reasoning	
Phil 102/Eng 102: Critical Thinking Linked to English Composition	
Phil 114: Introduction to Symbolic Logic	
<i>University of Pittsburgh</i>	2003-2007
Graduate Student at University of Pittsburgh	

Graduate Student Instructor in History and Philosophy of Science
Instructor of Record for several classes covering Ancient Science, Early Modern Science and Philosophy
Teaching Assistant for various classes concerning the history of science and famous paradoxes

Awards

Private Enterprise Research Center Fellowship

2017-2019

Applied Skills

Programming languages: STATA, QGIS

Quantitative Methods: regression discontinuity, difference-in-difference, instrumental variables, synthetic control, randomization inference, etc.

Restricted Data Sets: familiar with applying for restricted data sets as well as working in Linux-based restricted dataset environments found at Census restricted data centers (RDC); currently have Special Sworn Status within the federal statistical system.

Languages

Complete fluency: English, Quantifier Predicate Logic, STATA programming

Reading Competency: Ancient Greek, French, German, Spanish

Memberships

American Economic Association

American Philosophical Association