

# ALICE M. ELLYSON

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## EDUCATION AND TRAINING

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AUG 2018 **Post-doctoral Fellowship in Health Economics**  
*The Comparative Health Outcomes, Policy, and Economics (CHOICE) Institute*  
UNIVERSITY OF WASHINGTON | Seattle, WA

APR 2016 **PhD in Economics**  
*Department of Economics, College of Social Sciences & Public Policy*  
FLORIDA STATE UNIVERSITY | Tallahassee, FL

AUG 2013 **MS in Economics**  
*Department of Economics, College of Social Sciences & Public Policy*  
FLORIDA STATE UNIVERSITY | Tallahassee, FL

DEC 2010 **BBA in Economics** (Minor in SPANISH)  
*Department of Economics, School of Business*  
MERCER UNIVERSITY | Macon, GA  
*summa cum laude*

## PROFESSIONAL EXPERIENCE AND AFFILIATIONS

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UNIVERSITY OF WASHINGTON, Seattle, WA  
2021– **Acting Assistant Professor** | Department of Pediatrics  
2019– **Affiliate Faculty** | Firearm Injury & Policy Research Program  
2016 – 2018 **Senior Fellow** | The Comparative Health Outcomes, Policy, and Economics (CHOICE) Institute

SEATTLE CHILDREN'S RESEARCH INSTITUTE, Seattle, WA  
2021– **Principal Investigator** | Center for Child Health, Behavior, and Development  
2019 – 2020 **Research Economist** | Center for Child Health, Behavior, and Development

PFIZER, INC., New York, NY  
2018 – 2020 **Contractor**  
2016 – 2018 **Senior Fellow** (Position at the University of Washington)

FLORIDA STATE UNIVERSITY, Tallahassee, FL  
2011 – 2016 **Research and Teaching Assistant** | Department of Economics

## INTERESTS AND EXPERTISE

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RESEARCH INTERESTS Health risk behaviors focused on sexual and intimate partner violence, substance use, and firearm involvement among youth and young adults

AREAS OF EXPERTISE Applied microeconomics, Health and public policy, Applied econometrics and causal inference, Law and regulation

## ONGOING RESEARCH

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### Under Review

Gujral, **Ellyson AM**, Rowhani-Rahbar, Rivara. “The community impact of school shootings on stress-related emergency department visits” Revise and resubmit at *Contemporary Economic Policy*

Dalve K\*, **Ellyson AM**, Gause E, Lyons VH, Schleimer JP\*, Kuklinski M, Oesterle S, Briney JS, Weybright EH, Rowhani-Rahbar A. “School Handgun Carrying among Youth Growing Up in Rural Communities.” Revise and resubmit at *Journal of Adolescent Health*

\* Indicates co-authorship with or mentorship of undergraduate, graduate, or medical students or post-doctoral fellows

**Ellyson AM**, Gause, Lyons, Schleimer\*, Dalve\*, Kuklinski, Oesterle, Briney, Weybright, Rowhani-Rahbar. “The prevalence of bullying and physical violence and their association with handgun carrying trajectories among youth growing up in rural areas” Under review at *Preventive Medicine*

Adhia, **Ellyson AM**, Mustafa, Conrick\*, Kroshus. “Barriers to Formally Reporting Sexual Violence among Undergraduate Student-Athletes” Under review at *Journal of Adolescence*

**Ellyson**, Adhia, Shanahan, Alsinai\*, DiMascolo, Reygers, Bowen, Rowhani-Rahbar. “Firearm Restrictions in Domestic Violence Protection Orders: Implementation, Vetting, Compliance, and Enforcement.” Under review at *Criminology & Public Policy*

Bowen, **Ellyson**, Rowhani-Rahbar, Rivara. “Variations in Restrictive and Expansive State Firearm Laws in the U.S., 2013-2020” Under review at *Discourse: UCLA Law Review*

Alsinai\*, Reygers, DiMascolo, Rowhani-Rahbar, Kafka, Adhia, Bowen, Shanahan, Dalve, and **Ellyson**. “The use of immigration and related factors in coercive control and acts of violence against petitioners who were granted a Domestic Violence Protection Order in King County, WA.” Under review at the *Journal of Interpersonal Violence*

Schleimer\*, Gause, Dalve\*, **Ellyson**, Rowhani-Rahbar. “Rural-urban variation in youth violence and handgun carrying in the United States, 2002-2019.” Under review at *JAMA Pediatrics*

Bowen D, **Ellyson AM**, et al. “Black women gun ownership in America: an exploratory study of motivations and strategy.” Under review at *Violence and Gender*

### Working Papers

**Ellyson** and Ortega. “Infrastructure after Title IX Investigations: Campus Police, Sexual Assault Reporting, and Expenditures.”

Gause, **Ellyson**, ..., Rowhani-Rahbar. “Imputation of outcomes: a new and flexible trajectory modeling approach to behavior”

Gause, **Ellyson**, Rowhani-Rahbar, and Rivara. “Externally and internally validated firearm type prediction models among firearm suicide deaths”

### IN PRESS

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**Ellyson AM**, Adhia\*, Kroshus, and Wright. “Student-athlete preferences for sexual violence reporting: a discrete choice experiment.” Forthcoming at *The Patient - Patient-Centered Outcomes Research*

Prater LC, **Ellyson AM**, Shawon RA, Lyons VL, Cheung A, Rivara F, Rowhani-Rahbar A, Zatzick D. “Suicide, Firearms, and the Terminally Ill: A Latent Class Analysis of the National Violent Death Reporting System” Forthcoming at *Psych Services*

**Ellyson AM**, Martin K, Bowen D, Gallagher A, and Rivara FP. “Implicit racial and gender bias about handguns: a new Implicit Association Test ” Published online: September 29, 2022. *Journal of Interpersonal Violence* doi: [10.1177/08862605221081936](https://doi.org/10.1177/08862605221081936)

Adhia A\*, **Ellyson AM**, and Kroshus E. 2022. “Prevalence and Reporting of Sexual Violence among Undergraduate Student-Athletes: A Multi-State Study” Published online: April 27, 2022. *Journal of Interpersonal Violence* doi: [10.1177/08862605221123300](https://doi.org/10.1177/08862605221123300)

**Ellyson AM**, Ortega A, Bedard-Gilligan MA. 2022. “Institution of Higher Education Substance Use Amnesty Policies and Sexual Violence Reporting.” Published online: March 27, 2022. *Journal of Interpersonal Violence*. doi: [10.1177/08862605221080156](https://doi.org/10.1177/08862605221080156)

\* Indicates co-authorship with or mentorship of undergraduate, graduate, or medical students or post-doctoral fellows

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

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**Ellyson AM**, Gause, Oesterle, Kuklinski, Briney, Weybright, Haggerty, Lyons\*, Schleimer\*, Rowhani-Rahbar. 2022. "Trajectories of handgun carrying in rural communities from early adolescence to young adulthood." *JAMA Network Open*. 5(4): e225127. doi: [10.1001/jamanetworkopen.2022.5127](https://doi.org/10.1001/jamanetworkopen.2022.5127)

**Ellyson AM**, Powelson EB, Groenewald CB, and Rabbitts JA. 2022. "Healthcare utilization and costs among pediatric patients with chronic post-surgical pain after major musculoskeletal surgery." *Pediatric Anesthesia* 32(4): 577-578. doi: [10.1111/pan.14402](https://doi.org/10.1111/pan.14402)

**Ellyson AM**, Gordon G, Zhou C, and Rabbitts JA. 2022. "Trajectories, risk factors, and impact of persistent pain after major musculoskeletal surgery in adolescents: a replication study." *Journal of Pain*. 23(6): 995-1005. doi: [10.1016/j.jpain.2021.12.009](https://doi.org/10.1016/j.jpain.2021.12.009)

**Ellyson AM**, Grooms J, and Ortega A. 2022. "Flipping the Script: Evaluating the Policy Effects and Restrictiveness of PDMPs on Opioid Prescribing Behavior." *Health Economics*. 31(2): 297-341. doi: [10.1002/hec.4446](https://doi.org/10.1002/hec.4446)

**Ellyson AM** and Basu A. 2021. "Do pharmaceutical prices rise anticipating future competition?" *Health Economics*. 30(5): 1070-1081. doi: [10.1002/hec.4248](https://doi.org/10.1002/hec.4248)

**Ellyson AM**, Adhia\*, Lyons\*, and Rivara. 2021. "Prevalence, age of initiation, and patterns of co-occurrence of digital dating abuse behaviors nationwide" *Children & Youth Services Review*. 122(March): 105921. doi: [10.1016/j.childyouth.2020.105921](https://doi.org/10.1016/j.childyouth.2020.105921)

Prater LC, **Ellyson AM**, Fihn SD. 2021. "Incentivizing Firearm Assessment & Safety Planning in the US Health Care System: A Path Forward." *Journal of General Internal Medicine*. 26 April. doi: [10.1007/s11606-021-06800-x](https://doi.org/10.1007/s11606-021-06800-x)

Lyons\*, Haviland, Azrael, Adhia\*, Bellenger, **Ellyson**, Rowhani-Rahbar, Rivara. 2021. "Firearm purchasing during the COVID-19 pandemic." *Injury Prevention*. 27: 87-92. doi: [10.1136/injuryprev-2020-04387](https://doi.org/10.1136/injuryprev-2020-04387)

**Ellyson AM**, Gause E\*, Rowhani-Rahbar A, and Rivara FP. 2020. "Unspecified Firearm Type for Firearm Suicides in the National Vital Statistics System (NVSS): A County-Level Analysis." *American Journal of Preventive Medicine*. 59 (5): 770-772. doi: [10.1016/j.amepre.2020.05.016](https://doi.org/10.1016/j.amepre.2020.05.016)

**Ellyson AM** and Robertson J. 2019. "Can Malpractice Pressure Compel a Physician to Relocate?" *International Review of Law and Economics* 57(March): 37-48. doi: [10.1016/j.irl.2018.10.004](https://doi.org/10.1016/j.irl.2018.10.004)

**Crisp (Ellyson) AM** and Mixon F. 2012. "Pony Distress: Using ESPN's 30FOR30 Films to Teach Cartel Theory." *Journal of Economics and Finance Education* 11(1): 15-26.

Mixon F and **Crisp (Ellyson) AM**. 2011. "Lincoln's Wartime Incumbency Network: Vertical Trust, Informal Payments, and the U.S. Presidential Election of 1864." *Journal of Public Finance and Public Choice* 29: 123-139.

## OTHER PUBLICATIONS

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**Ellyson AM**, Rowhani-Rahbar A, Rivara FP. 2021. "Poverty and Firearm-related Deaths among US Youth." *JAMA Pediatrics*. November 22, 2021. doi: [10.1001/jamapediatrics.2021.4819](https://doi.org/10.1001/jamapediatrics.2021.4819) (Invited commentary)

Rowhani-Rahbar A, Haviland MJ, and **Ellyson AM**. 2020. "Firearm Policy and Youth Suicide – In Pursuit of Mechanistic Explanations." *JAMA Network Open*. November 4, 2020. 3(11): e2024920. doi: [10.1001/jamanetworkopen.2020.24920](https://doi.org/10.1001/jamanetworkopen.2020.24920) (Invited commentary)

**Ellyson AM** and Basu A. 2018. "The New Prescription Drug Paradox: Pipeline Pressure and Rising Prices." NBER Working Paper no. 24387

**Crisp (Ellyson) AM** and Gwartney J. 2013. "Institutions and Economic, Political and Civil Liberty in Africa." In James Gwartney, Robert Lawson, and Joshua Hall, *Economic Freedom of the World: 2013 Annual Report* (Fraser Institute): 180-214.

\* Indicates co-authorship with or mentorship of undergraduate, graduate, or medical students or post-doctoral fellows

**Crisp (Ellyson) AM** and Gwartney J. 2012. "Institutions and Economic, Political and Civil Liberty in Latin America." In James Gwartney, Robert Lawson, and Joshua Hall, *Economic Freedom of the World: 2012 Annual Report* (Fraser Institute): 173-200.

## GRANTS AND FUNDING

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### Ongoing

**Culture, Longitudinal Patterns, and Safety Promotion of Handgun Carrying Among Rural Adolescents: Implications for Injury Prevention**

R01CE003299 (Centers for Disease Control (CDC) and Prevention) 10/1/2020– 9/30/2023  
PI: Rowhani-Rahbar Annual direct costs: \$500,000  
Role: Co-Investigator, Sub-award PI for SCRI Effort: 30% FTE

**Firearm Injury and Policy Research Program (FIPRP)**

State of Washington 8/1/2019 – 7/31/2023  
PI: Rivara Annual direct costs: \$1,000,000  
Role: Co-Investigator Effort: 25% FTE

**Mechanisms of transition from acute to chronic pain in youth undergoing musculoskeletal surgery**

R01AR073780 (NIAMS) 7/12/2018– 6/30/2023  
PI: Rabbitts Annual direct costs: \$500,000  
Role: Co-Investigator Effort: 15% FTE

**Impact of Disparities in Food Security on Glycemic Control and Health Care Utilization among Youth and Young Adults with Diabetes**

R01DK117461 (NIDDK) 04/01/2018 – 03/31/2023  
Co-PIs: Angela Liese and Jason Mendoza Annual direct costs: \$575,000  
Role: Co-Investigator Effort: 5-10% FTE

### Complete

**Firearm threats and violence against children and youth in Domestic Violence Protection Orders in King County, WA**

Emerging Researcher Award 7/30/2021 – 7/31/2022  
Grandmothers Against Gun Violence (GAGV) Annual direct costs: \$50,000  
Role: PI Effort: 10% FTE

**Sexual violence reporting among college athletes: the role of costs, benefits, and institution protocols**

CDC Exploratory Research Project 09/01/2020 – 2/28/2022  
Administered by HIPRC at UW Annual direct costs: \$20,000  
R49CE003087 Injury and Health Equity Across the Lifespan (PI: Vavilala)  
Co-PI: Ellyson and Adhia Effort: 0% FTE

**Clinical and Economic Impact of Oral Anticancer Treatment Parity Laws in WA State**

Small research grant 8/01/2017 – 7/31/2018  
National Institute for Health Care Management (NIHCM) Foundation Total direct costs: \$14,000  
PI: Anirban Basu Effort: 0% FTE  
Role: Co-Investigator

**Medical Malpractice and Family Medicine Physician Decision-making**

Gus A. Stavros Center 8/01/2017 – 7/31/2018  
Florida State University Total direct costs: \$35,000  
Role: PI Effort: 0% FTE

## HONORS AND AWARDS

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Dec 2014	Irvin & Peggy Sobel Award   FSU
Aug 2014	Lindau Nobel Laureate Meeting in Economic Sciences Young Researcher Award   NSF
2011 – 2015	Charles G. Koch Fellowship Recipient   FSU
May 2011	Algernon Sydney Sullivan Award   Mercer University
Oct 2009	Roger L. Von Amelunxen Foundation Scholar
2007 – 2011	Jesse Mercer Scholar   Mercer University

## MENTORING

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### Current

ANNA BENDER | Post-doctoral fellow, Department of Pediatrics, UW  
JULIE KAFKA | Post-doctoral fellow, Firearm Injury & Policy Research Program, UW  
KIM DALVE | PhD candidate, Department of Epidemiology, UW | External Committee Member  
AISHA ALSINAI | Student Class of 2026, UW School of Medicine  
AYAH MUSTAFA | Research Assistant, Department of Pediatrics, UW

### Former

EMMA GAUSE | Master's Thesis, Department of Epidemiology, UW | External Committee Member  
MAX REYGERS | Research Assistant, Firearm Injury and Policy Research Program, UW  
LISA DIMASCOLO | Research Assistant, Firearm Injury and Policy Research Program, UW  
ALEXA PAPPAS | INSIGHT Intern (Co-mentor), Harborview Injury Prevention & Research Center, UW

## CONFERENCE, SEMINAR, AND INVITED PRESENTATIONS

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Nov 2022	Association for Public Policy Analysis & Management Fall Conference   <i>Washington, DC</i>
Nov 2022	National Research Conference on Firearm Injury Prevention   <i>Washington, DC</i>
Sep 2022	Grandmothers Against Gun Violence Foundation Event   <i>Seattle, WA</i>
May 2022	Society for Prevention Research   <i>Seattle, WA</i>
Nov 2021	Firearm Injury & Policy Research Program Works-in-Progress   <i>Seattle, WA</i>
Oct 2021	Grandmothers Against Gun Violence Foundation Event   <i>Seattle, WA</i>
June 2021	Firearm Injury & Policy Research Program Works-in-Progress   <i>Seattle, WA</i>
Feb 2021	Harborview Injury Prevention & Research Center Works-in-Progress   <i>Seattle, WA</i>
Feb 2021	Program in Health Economics and Outcomes Methodology (PHEnOM)   <i>Seattle, WA</i>
Dec 2020	Firearm Injury & Policy Research Program Works-in-Progress   <i>Seattle, WA</i>
Feb 2020	Program in Health Economics and Outcomes Methodology (PHEnOM)   <i>Seattle, WA</i>
Jan 2020	Center for Child Health, Behavior, and Development Winter Symposium   <i>Seattle, WA</i>
May 2018	Program in Health Economics and Outcomes Methodology (PHEnOM)   <i>Seattle, WA</i> Vancouver Health Economic Methodology Meeting   <i>Vancouver, BC</i>
Apr 2018	Institute for Defense Analyses   <i>Arlington, VA</i>
Feb 2018	IMPAQ Interational, LLC Seminar   <i>Baltimore, MD</i>
Jan 2018	RAND Brown Bag Seminar   <i>Santa Monica, CA</i> Federal Trade Commission Seminar   <i>Washington, DC</i> Department of Defense, CAPE Seminar   <i>Arlington, VA</i>
Oct 2017	Program in Health Economics and Outcomes Methodology (PHEnOM)   <i>Seattle, WA</i>
Sep 2017	Corporate Advisory Board Annual Meeting   <i>Seattle, WA</i>
July 2017	International Health Economic Association Meeting   <i>Boston, MA</i>
June 2017	Western Economic Association International Annual Meeting   <i>San Diego, CA</i> Vancouver Health Economic Methodology Meeting   <i>Vancouver, BC</i>
May 2017	International Society for Pharmacoeconomics and Outcomes Research Meeting   <i>Boston, MA</i>
April 2017	University of Washington Chase Alliance Works-in-Progress   <i>Seattle, WA</i>
Feb 2016	US Air Force Academy, Department of Economics Seminar   <i>Colorado Springs, CO</i>
Jan 2016	Agency for Healthcare Research and Quality Seminar   <i>Rockville, MD</i> University of Washington PORPP Seminar   <i>Seattle, WA</i>

Nov 2015	Annual Meeting of the Southern Economic Association   <i>New Orleans, LA</i>
April 2015	Florida State University Quantitative Workshop   <i>Tallahassee, FL</i>
Nov 2014	Annual Meeting of the Southern Economic Association   <i>Atlanta, Georgia</i>
Aug 2014	5th Lindau Meeting on Economic Sciences   <i>Lindau, Germany</i>
April 2014	Florida State University Quantitative Workshop   <i>Tallahassee, FL</i>

## TEACHING

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2022   UW	<b>Guest Lecture</b>   HIPRC Methods Series
2020   Howard	<b>Guest Lecture</b>   Health Economics (ECOG-233, mixed)
2020   UW	<b>Guest Lecture</b>   Multidisciplinary Perspectives in Global Health (GH201, undergrad)
2018   UW Tacoma	<b>Guest Lecture</b>   Economics of Health & Health Policy (TECON470, undergrad)
2017   UW	<b>Guest Lecture</b>   Health Economics (PHARM568, doctoral)
2017   UW Tacoma	<b>Guest Lecture</b>   Economics of Health & Health Policy (TECON470)
2016   FSU	<b>TA</b>   Economics of Asia (ECO3200, undergrad)
2015   FSU	<b>Instructor</b>   Introduction to Economics (ECO2000, undergrad)
2015   FSU	<b>TA</b>   Economics of Asia (ECO3200, undergrad)
2015   FSU	<b>TA</b>   Financial Markets, the Banking System, & Monetary Policy (ECO3223, undergrad)
2014   FSU	<b>Instructor</b>   Analysis of Economic Data (ECO4431, undergrad)
2013   FSU	<b>Instructor</b>   Business Organization & Market Structure [IO] (ECO3403, undergrad)

## PROFESSIONAL SERVICE

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	Service
<i>Peer Review</i>	Preventive Medicine Journal of Adolescence Health Services Research Children and Youth Services Review 7 <sup>th</sup> Lindau Meeting on Economic Sciences JAMA Network Open Medical Care Research and Review Journal of Market Access & Health Policy
<i>Committee Member</i>	Dean's Standing Committee on Women in Medicine and Science, UW Work group, Community partnerships, Department of Pediatrics, UW Work group, Equity and inclusion for HIPRC Works-in-Progress seminars, UW Graduate Policy Committee Program Review of Department of Economics, FSU

## RELATED AND VOLUNTEER EXPERIENCE

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<i>Volunteer</i>	National Sexual Assault Hotline   Online
<i>Tutor and Volunteer</i>	Mercer on Mission, Ricks Institute (K-12)   Monrovia, Liberia
<i>Senior Analyst</i>	Alaska Air Group   Seattle, WA
<i>Research Intern</i>	Atlas Economic Research Foundation, Koch Internship Program   Washington, DC
<i>Program Intern</i>	Foundation for Economic Education   Atlanta, GA

## SOFTWARE PROFICIENCY

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Statistics, Data, & Scientific Use:	STATA, R, PYTHON, SAS, SQL, LINKKING, L <sup>A</sup> T <sub>E</sub> X
Version Control & Visualization:	GITHUB, Tableau, Adobe Analytics, Excel, Word, PowerPoint