

Alice M. Ellyson

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EDUCATION

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** *summa cum laude*
Department of Economics, School of Business, Mercer University | Macon, GA

FACULTY APPOINTMENTS AND AFFILIATIONS

2023– **Assistant Professor** | University of Washington
2021– **Affiliate** | Firearm Injury & Policy Research Program, University of Washington
2021–2023 **Acting Assistant Professor** | University of Washington

RESEARCH EXPERIENCE

2021– **Principal Investigator** | Seattle Children’s Research Institute
2019–2020 **Research Consultant** | Firearm Injury & Policy Research Program (UW)
2019–2020 **Research Economist** | Seattle Children’s Research Institute
2018–2020 **Contractor: Health Economics** | Pfizer, Inc.
2016–2018 **Visiting Research Fellow** | Pfizer, Inc.
2016–2018 **Postdoctoral Scholar** | University of Washington
2011–2016 **Research and Teaching Assistant** | Florida State University

INTERESTS AND EXPERTISE

Research interests Economic, health, and public policy, Law and economics, Violence and crime,
Sexual and intimate partner violence, Health risk behaviors, Incentives and decision-making
Areas of expertise Applied microeconomics, Applied econometrics and causal inference, Policy evaluation

ONGOING RESEARCH

Revise and Resubmit

Ellyson, Adhia, Mustafa, Lyons, Shanahan, Rowhani-Rahbar. “Threats, violence, and weapons used against children and youth in domestic violence protection orders.” Revise and resubmit at *Pediatrics*

Gause, Schumacher*, **Ellyson**, Withers, Mayer, Rowhani-Rahbar. “An introduction to Bayesian Spatial Smoothing Methods for Disease Mapping: A Firearm Suicide Case Study.” Revise and resubmit at *American Journal of Epidemiology*

Dalve K*, **Ellyson AM**, Bowen, Kafka*, Rhew, Rivara, Rowhani-Rahbar A. “Suicide-related behavior and firearm access among individuals subject to Domestic Violence Protection Orders.” Revise and resubmit at *Preventive Medicine Reports*

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

Under Review

Adhia, Paladhi*, **Ellyson**. "State laws addressing teen dating violence in US high schools: A difference-in-differences study." Under review at *Journal of Adolescent Health*

Working Papers

Ellyson and Ortega. "Campus-level Title IX investigations and sexual violence reporting."

Ellyson, Bender*, Ross, Gallagher, Mustafa, Kroshus, Adhia. "Supporting sexual violence prevention and response for student athletes: Exploring successes and challenges within Division I athletic programs."

Bender, Adhia, Ross, Gallagher, Mustafa, Kroshus, **Ellyson**. "Developing and implementing survivor-centered policies and practices on college campuses: Perspectives from campus advocacy, Title IX, and athletic personnel"

IN PRESS

Adhia, **Ellyson AM**, Mustafa, Conrick*, Kroshus. "Structural and sport-related barriers to formally reporting sexual violence among undergraduate student-athletes" Forthcoming at *Journal of Family Violence*

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

Ellyson, Schleimer*, Oesterle, Gause, Dalve*, Kuklinski, Weybright, Rowhani-Rahbar. "The association between alcohol use and heavy drinking with subsequent handgun carrying in rural areas." Forthcoming at *The Journal of Rural Health*

PEER-REVIEWED PUBLICATIONS

Alsinai*, Reygers, DiMascolo, Kafka*, Rowhani-Rahbar, Adhia, Bowen, Shanahan, Dalve*, and **Ellyson**. 2023. "Use of immigration status for coercive control in domestic violence protection orders." *Frontiers in Sociology*. 8: 1146102. doi: [10.3389/fsoc.2023.1146102](https://doi.org/10.3389/fsoc.2023.1146102)

Bowen D, Barber, Gomez, Rooney, **Ellyson**, Rowhani-Rahbar, Rivara. 2023. "Black women gun ownership in America: an exploratory study of motivations and strategy." *Violence and Gender*. 10 (1): 38-44. doi: [10.1089/vio.2022.0001](https://doi.org/10.1089/vio.2022.0001)

Rowhani-Rahbar, Oesterle, Gause, Kuklinski, **Ellyson**, Schleimer, Dalve, Weybright, Briney, Hawkins. 2023. "Effect of the Communities That Care prevention system on adolescent handgun carrying: A cluster-randomized clinical trial." *JAMA Network Open* 6(4): e236699. doi: [10.1001/jamanetworkopen.2023.6699](https://doi.org/10.1001/jamanetworkopen.2023.6699)

Gujral, **Ellyson**, Rowhani-Rahbar, Rivara. 2023. "The community impact of school shootings on stress-related emergency department visits." *Contemporary Economic Policy*. 41(3): 455-470. doi: [10.1111/coep.12603](https://doi.org/10.1111/coep.12603)

Schleimer*, Gause, Dalve*, **Ellyson**, Rowhani-Rahbar. 2023. "Rural-urban variation in youth violence and handgun carrying in the United States, 2002-2019." *JAMA Network Open* 6(2): e231153. doi: [10.1001/jamanetworkopen.2023.1153](https://doi.org/10.1001/jamanetworkopen.2023.1153)

Ellyson AM, Gause, Lyons, Schleimer*, Dalve*, Kuklinski, Oesterle, Briney, Weybright, Rowhani-Rahbar. 2023. "The prevalence of bullying and physical violence and their association with handgun carrying trajectories among youth growing up in rural areas." *Preventive Medicine* 167(February): 107416. doi: [10.1016/j.ypmed.2022.107416](https://doi.org/10.1016/j.ypmed.2022.107416)

Ellyson AM, Adhia, Kroshus, and Wright. 2023. "Student-athlete preferences for sexual violence reporting: a discrete choice experiment." *Patient*. 16: 77-88. doi: [10.1007/s40271-022-00600-z](https://doi.org/10.1007/s40271-022-00600-z)

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

- Conrick KM*, Adhia A, **Ellyson AM**, Haviland MJ, Lyons VH, Mills B, Rowhani-Rahbar A. 2023. "Race, structural racism and racial disparities in firearm homicide victimisation." Published online: December 23, 2022. *Injury Prevention*. doi: [10.1136/ip-2022-044788](https://doi.org/10.1136/ip-2022-044788)
- 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." Published online: December 16, 2022. *Journal of Adolescent Health* [10.1016/j.jadohealth.2022.10.033](https://doi.org/10.1016/j.jadohealth.2022.10.033)
- 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." Published online: December 7, 2022. *Psychiatric Services*. doi: [10.1176/appi.ps.202100733](https://doi.org/10.1176/appi.ps.202100733)
- 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. 2023. "Prevalence and Reporting of Sexual Violence among Undergraduate Student-Athletes: A Multi-State Study." *Journal of Interpersonal Violence*. 38(1-2): 418-442. doi: [10.1177/08862605221123300](https://doi.org/10.1177/08862605221123300)
- Ellyson AM**, Ortega A, Bedard-Gilligan MA. 2023. "Institution of Higher Education Substance Use Amnesty Policies and Sexual Violence Reporting." *Journal of Interpersonal Violence*. 38(1-2): 212-236. doi: [10.1177/08862605221080156](https://doi.org/10.1177/08862605221080156)
- 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.chilyouth.2020.105921](https://doi.org/10.1016/j.chilyouth.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.

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

OTHER PUBLICATIONS

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.

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

Pending

Intimate partner strangulation forensic nurse exams (SFNEs): Evaluation of Washington state's legislative funding program

O-NIJ-2023-171586

National Institutes of Justice

PI: Kernic

Role: Co-Investigator

Proposed 1/1/2024 – 12/31/2027

Annual costs: \$XXX

Effort: XX% FTE

Ongoing

Preventing firearm-related harm through Domestic Violence Protection Order firearm prohibitions and relinquishment

R01

Centers for Disease Control and Prevention

Role: PI

Proposed 9/30/2023 – 9/29/2026

Annual costs: \$650,000

Effort: 30-40% FTE

Alcohol Use and Sexual Violence Policies at Institutions of Higher Education

Small Grants Program

Addictions, Drug & Alcohol Institute

Role: PI

8/30/2023 – 8/30/2024

Total direct costs: \$30,000

Effort: 5% FTE

Firearm Rights Restoration and Risk for Subsequent Firearm and Non-Firearm Violence

New Venture Fund: Fund for a Safer Future

PI: Rowhani-Rahbar

Role: Co-Investigator, Sub-award PI for SCRI

1/1/2023 – 12/31/2024

Annual direct costs: \$125,000

Effort: 5-10% FTE

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

R01CE003299 (Centers for Disease Control and Prevention)

PI: Rowhani-Rahbar

Role: Co-Investigator, Sub-award PI for SCRI

10/1/2020 – 9/30/2023

Annual direct costs: \$500,000

Effort: 30% FTE

Firearm Injury and Policy Research Program (FIPRP)

State of Washington

PI: Rivara

Role: Co-Investigator

8/1/2019 – 7/31/2025

Annual direct costs: \$500,000

Effort: 25% FTE

Complete:PI

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| 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) | Total 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 | Total direct costs: \$20,000 |
| R49CE003087 Injury and Health Equity Across the Lifespan (PI: Vavilala) | |
| Co-PI: Ellyson and Adhia | Effort: 0% FTE |
| 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 |

Complete:Co-Investigator

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|--|--------------------------------|
| 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 | |
| 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 |

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

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

PROFESSIONAL SERVICE

| | Service |
|-------------------------|---|
| <i>Peer Review</i> | Preventive Medicine Journal of Adolescence Health Services Research Child Abuse & Neglect Children and Youth Services Review 7 th Lindau Meeting on Economic Sciences JAMA Network Open Medical Care Research and Review |
| <i>Committee Member</i> | Journal of Market Access & Health Policy 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

Statistics, Data, & Scientific Use: Stata, R, Python, SAS, SQL, LinkKing, \LaTeX
Version Control & Visualization: GitHub, Tableau, Adobe Analytics, Excel, Word, PowerPoint