Curriculum Vitae
Andrew P. Wheeler
Principal Data Scientist

Contact Information   **Personal Website**
apwheele@gmail.com   https://andrewpwheeler.com/

Education

2015   **University at Albany, SUNY**   Albany, NY
          Ph.D., Criminal Justice
          Advisor: Rob Worden,
          Dissertation: *What we can learn from small units of analysis*.

2010   M.A. in Criminal Justice

2008   **Bloomsburg University of Pennsylvania**   Bloomsburg, PA
          B.A. in Criminal Justice, Cum Laude
          Minor in Sociology and Statistics

Employment in Academic and Research Roles

2023 - Current   Founder, **CRIME De-Coder LLC** (Consulting Firm)

2019 - Current   Currently Director of Data Science at *Gainwell Technologies* (formerly *HMS*)

2020 – Current   Affiliated Faculty Member, Georgia State University, Department of Criminal
                      Justice & Criminology

2016 - 2019   Assistant Professor at the *University of Texas at Dallas*

2009 - 2016   Research Analyst for the *Finn Institute for Public Safety*

Current Research Agenda

Currently I am an end to end data scientist in the healthcare industry. My work at Gainwell focuses on predictive models related to identifying problematic health insurance claims, optimizing auditing strategies, and predictive models for population health management.

My prior research interests in criminal justice focused on quantitative applications in policing, with an emphasis on crime reduction. This includes evaluations to see if crime reduction initiatives work, advancing methods to evaluate crime preventions, predictive policing, time series monitoring of crime and police behavior, and optimal and fair allocation of policing resources. If you are interested in consulting services related to similar applications, see **CRIME De-Coder LLC** for services that I provide.

Peer Reviewed Articles, Books, Working Papers, Technical Reports, and Conference Presentations

<u>Peer Reviewed Articles & Books</u>[1]

2026   **Andrew P. Wheeler.** *Large Language Models for Mortals: A Practical Guide for Analysts with Python*. CRIME De-Coder.

2025   **Wheeler, Andrew P.,** and Alex Piquero. Using victimization reporting rates to estimate the dark figure of crime: A case study of domestic violence. *Crime & Delinquency* Online First.

2025   Jacques, Scott & **Andrew P. Wheeler**. A plea for open access to qualitative criminology: With a python script for anonymizing data and illustrative analysis of error rates. *The Journal of Qualitative Criminal Justice and Criminology* 15(2): 634d1d80

2024   **Andrew P. Wheeler**. *Data Science for Crime Analysis with Python*. CRIME De-Coder.

2024   D. Kim Rossmo, & **Andrew P. Wheeler**. The journey-to-crime buffer zone: Measurement issues and methodological challenges. *Journal of Criminal Justice* 95: 102272.

2023   Jung, Yeondae, & **Andrew P. Wheeler**. The effect of public surveillance cameras on crime clearance rates. *Journal of Experimental Criminology* 19(1): 143-164.

2022   Circo, Giovanni M., & **Andrew P. Wheele**r. An open source replication of a winning recidivism prediction model. *International Journal of Offender Therapy and Comparative Criminology*. Online First.

2022   Drake, Gregory, **Andrew P. Wheeler**, Dae-Young Kim, Scott Phillips, & Kathryn Mendolera. The Impact of COVID-19 on the Spatial Distribution of Shooting Violence in Buffalo, NY. *Journal of Experimental Criminology.* Online First.

2021   **Wheeler, Andrew P.**, Jordan R. Riddell, & Cory P. Haberman. Breaking the chain: How arrests reduce the probability of near repeat crimes. *Criminal Justice Review* 46(2): 236-258.

2021   Circo, Giovanni M., & **Andrew P. Wheeler**. Trauma center drive time distances and fatal outcomes among gun shot wound victims. *Applied Spatial Analysis and Policy* 14(2): 379-393.

2021   **Wheeler, Andrew P.** and Wouter Steenbeek. Mapping the risk terrain for crime using machine learning. *Journal of Quantitative Criminology* 37(2): 445-480.

---

[1] Many of my peer-reviewed articles I have posted pre-prints on crimrxiv, SSRN or SocArXiv. If you would like access to a published article or book chapter feel free to contact me via email for a PDF copy. I have a spreadsheet listing links to data and code here.

2021   **Wheeler, Andrew P.**, & Sydney Reuter. Redrawing hot spots of crime in Dallas, Texas. *Police Quarterly* 24(2): 159-184.

2021   **Wheeler, Andrew P.**, Christopher R. Herrmann, and Richard L. Block. *Micro-place homicide patterns in Chicago*. Springer.

2020   **Wheeler, Andrew P.**, Jason R. Silver, Robert E. Worden and Sarah J. McLean. Mapping attitudes towards the police at micro places. *Journal of Quantitative Criminology* 36(4): 877-906.

2020   **Wheeler, Andrew P.** Allocating police resources while limiting racial inequality. *Justice Quarterly* 37(5): 842-868.

2020   **Wheeler, Andrew P.**, Manne Gerell, & Youngmin Yoo. Testing the spatial accuracy of address based geocoding for gun shot locations. *The Professional Geographer* 72(3): 398-410.

2020   Zakrzewski Jr., William J., **Andrew P. Wheeler**, and Andrew J. Thompson. Cannabis in the capital: Exploring the spatial association between medical marijuana dispensaries and crime. *Journal of Crime and Justice* 43(1): 1-15.

2020   Yim, Ha-Neul, Jordan R. Riddell, & **Andrew P. Wheeler**. Is the recent increase in national homicide abnormal? Testing the application of fan charts in monitoring national homicide trends over time. *Journal of Criminal Justice* 66 (January-February): 101656.

2020   Piza, Eric P., **Andrew P. Wheeler**, Shun Q. Feng, and Nathan T. Connealy. The crime control effects of a police sub-station within a business-improvement district: A quasi-experimental evaluation. *Criminology & Public Policy* 19(2): 653-684.

2019   Yoo, Youngmin and **Andrew P. Wheeler.** Using Risk Terrain Modeling to predict homeless related crime in Los Angeles, California. *Applied Geography* 109(August):102039.

2019   **Wheeler, Andrew P.**, Sarah J. McLean, Kelly J. Becker, and Robert E. Worden. Choosing representatives to deliver the message in a group violence intervention. *Justice Evaluation Journal* 2(2): 93-117.

2019   Worrall, John L. and **Andrew P. Wheeler**. Evaluating community prosecution code enforcement in Dallas, Texas. *Justice Quarterly* 36(5): 870-899.

2019   **Wheeler, Andrew P.** Creating optimal patrol areas using the P-median model. *Policing: An International Journal* 42(3): 318-333.

2019   **Wheeler, Andrew P.** Quantifying the local and spatial effect of alcohol outlets on crime. *Crime & Delinquency* 65(6): 845-871.

2019   Kim, Dae-Young, Scott W. Phillips, and **Andrew P. Wheeler**. Using "Symbolic" SWAT raids as a crime reduction strategy: Are their effects "Instrumental" in nature? *Criminal Justice Policy Review* 30(2): 176-200.

2019   **Wheeler, Andrew P.**, Robert E. Worden, and Jason R. Silver. The predictive accuracy of the Violent Offender Identification Directive (VOID) tool. *Criminal Justice and Behavior* 46(5): 770-788.

2018   **Wheeler, Andrew P.** The effect of 311 calls for service on crime in Washington D.C. at micro places. *Crime & Delinquency* 64(14): 1882-1903.

2018   **Wheeler, Andrew P.**, and Jerry H. Ratcliffe. A simple weighted displacement difference test to evaluate place based crime interventions. *Crime Science* 7:11.

2018   **Wheeler, Andrew P.**, Wouter Steenbeek, and Martin A. Andresen. Testing for similarity in area-based spatial patterns: Alternative methods to Andresen's spatial point pattern test. *Transactions in GIS* 22(3): 760-774.

2018   Worrall, John L., Stephen A. Bishopp, Scott C. Zinser, **Andrew P. Wheeler**, and Scott W. Phillips. Exploring bias in police shooting decisions with real shoot/don't shoot cases. *Crime & Delinquency* 64(9): 1171-1192.

2018   **Wheeler, Andrew P.**, Dae-Young Kim, and Scott W. Phillips. The effect of housing demolitions on crime in Buffalo, New York. *Journal of Research in Crime & Delinquency* 55(3): 390-424.

2018   **Wheeler, Andrew P.** and Scott W. Phillips. A quasi-experimental evaluation of using roadblocks and automatic license plate readers to reduce crime at micro places in Buffalo, NY. *Security Journal* 31(1): 190-207.

2018   **Wheeler, Andrew P.**, and Tomislav V. Kovandzic. Monitoring volatile homicide trends across U.S. cities. *Homicide Studies* 22(2): 119-144.

2017   **Wheeler, Andrew P.**, Scott W. Phillips, John L. Worrall, and Stephen A. Bishopp. What factors influence an officer's decision to shoot? The promise and limitations of using public data. *Justice Research and Policy* 18(1): 48-76.

2016   Phillips, Scott W., **Andrew P. Wheeler**, and Dae-Young Kim. The effect of police paramilitary unit raids on crime at micro-places in Buffalo, New York. *International Journal of Police Science & Management* 18(3): 206-219.

2016   **Wheeler, Andrew P.** Tables and graphs for monitoring temporal crime trends: Translating theory into practical crime analysis advice. *International Journal of Police Science & Management* 18(3): 159-172.

2016   **Wheeler, Andrew P.** Testing serial crime events for randomness in day-of-week patterns with small samples. *Journal of Investigative Psychology and Offender Profiling* 13(2): 148-165.

2016   **Wheeler, Andrew P.**, Robert E. Worden, and Sarah J. McLean. Replicating group based trajectory models at high-crime micro-places in Albany, NY. *Journal of Quantitative Criminology* 32(4): 589-612.

2015   **Wheeler, Andrew P.** Visualization techniques for journey to crime flow data. *Cartography and Geographic Information Science* 42(2): 149-161. (Special Issue on Crime Mapping)

2012   **Wheeler, Andrew P.** The moving home effect: A quasi experiment assessing effect of home location on the offence location. *Journal of Quantitative Criminology* 28(4):587-606.

2012   Worden, Robert E., Sarah J. McLean, and **Andrew P. Wheeler**. Testing for racial profiling with the veil of darkness method. *Police Quarterly* 15(1): 92-111.

2011   Kurlychek, Megan C., **Andrew P. Wheeler**, Leigh A. Tinik and Cynthia A. Kempinen. How long after? A natural experiment assessing the impact of the length of aftercare service delivery on recidivism. *Crime & Delinquency* 57(5): 778-800.

Articles Currently Under Review and Working Papers

2022   **Wheeler, Andrew P.** Analysis of LED street light conversions on firearm crimes in Dallas, Texas. Available at https://osf.io/preprints/socarxiv/dr7us/.

2018   **Wheeler, Andrew P.**, and Cory P. Haberman. *Modeling the spatial patterns of intra-day crime trends.* Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3136030.

2017   Worden, Robert E**., Wheeler**, Andrew P., and McLean, Sarah J.. *Smart Stops: Toward More Strategic Proactive Policing.*

2015   **Wheeler, Andrew P.**, Sarah J. McLean, and Robert E. Worden. *Making stops smart: Predicting arrest rates from discretionary police stops at micro places in Albany, NY.*

2015   **Wheeler, Andrew P.** *What we can learn from small units of analysis.* Available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2626564.

2013   **Wheeler, Andrew P.** *A critique of slopegraphs.* Available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2410875.

Technical Reports, Book Chapters, and Non-Peer Review Articles

2024   Piquero, Alexis and **Andrew P. Wheeler**. *Towards a Better Estimate of Domestic Violence in America*. Council on Criminal Justice.

2024   Piquero, Alexis and **Andrew P. Wheeler**. Disaggregating fatal and non-fatal shootings in Boston, 2015-2023. *International Journal of Police Science* 2(1). Rapid Communication.

2023   Circo, Giovanni and **Andrew P. Wheeler**. Using every door direct mail web push surveys and multi-level modelling with post stratification to estimate perceptions of police at small geographies. Winning solution in the non-probability sample section to the NIJ Measuring Community Perceptions Challenge.

2021   Circo, Giovanni and **Andrew P. Wheeler**. National Institute of Justice Recidivism Forecasting Challenge Team "MCHawks" Performance Analysis.

2019   **Wheeler, Andrew P.** Bigger fonts please! Font size recommendations for slides and posters. *The Criminologist* 44(5): 8-9. (Longer version with more detail/citations available here.)

2018   Worden, Robert E., Sarah J. McLean, **Andrew P. Wheeler**, Danielle L. Reynolds, Caitlin Dole, and Hannah Cochran. *Smart Stops: An Inquiry into Proactive Policing*. Summary Report to the National Institute of Justice. Award No. 2013-MU-CX-0012.

2018   Worrall, John L.**, Andrew P. Wheeler**, and Justine Medrano. Community prosecution code enforcement in Dallas, Texas: Effects on serious crime. In *The Evolving Role of the Public Prosecutor: Challenges and Innovations*. Eds. Colvin, Victoria and Philip Stenning. Routledge. New York.

2017   **Wheeler, Andrew P.** Geospatial analytics. In *SPSS® Statistics for Data Analysis and Visualization*. Eds. McCormick, Keith and Jesus Salcedo, with contributions by Jon Peck and Andrew Wheeler. Wiley. Indianapolis, IN.

2012   **Wheeler, Andrew P.** *Arrests and Arraignments Involving Strangulation Offenses Nov. 11, 2010 – June 30, 2012*. New York State Division of Criminal Justice Services. Albany, NY.

2012   **Wheeler, Andrew P.** *Hate Crime in New York State 2011 Annual Report*. New York State Division of Criminal Justice Services. Albany, NY.

2012   **Wheeler, Andrew P.** *Domestic Homicide in New York State, 2011*. New York State Division of Criminal Justice Services. Albany, NY.

2010   Worden Robert E., Sarah J. McLean, and **Andrew P. Wheeler.** *Stops by the Syracuse Police*. Report to the Syracuse Police Department. John F. Finn Institute. Albany, NY.

Conference Presentations & Workshops (Invited and/or Peer Reviewed)

2021   **Wheeler, Andrew P**. & Giovanni Circo. *Panel Discussion on Addressing Racial Bias*. NIJ's Recidivism Forecast Challenge Symposium. December 1st and 2nd.

2019   **Wheeler, Andrew P**. & Jerry H. Ratcliffe. *Simple statistics for evaluating interventions to reduce crime*. Presented at the *International Association of Crime Analysts Conference*, Washington, D.C. Also presented at the New York State DCJS GIVE Symposium, Albany, NY.
https://www.dropbox.com/s/jepuy9gmzoqctv0/SimpleStats_IACA19_Wheeler.zip?dl=0.

2018   **Wheeler, Andrew P.**, Wouter Steenbeek, and Martin A. Andresen. *Testing for similarity in area-based spatial patterns: Alternative methods to Andresen's spatial point pattern test.* Presented at the ESRI User Conference as part of special issue for *Transactions in GIS.* San Diego, CA.

2017   **Wheeler, Andrew P.** *Monitoring temporal crime trends for outliers: A workshop using Excel*. Workshop presented at the *International Association of Crime Analysts* conference, New Orleans, LA. September 12th. Materials available at
https://www.dropbox.com/s/ngq64tu7tv3hzdq/Wheeler_MonitorTemp_IACA_FinalFiles.zip?dl=0.

2015   **Wheeler, Andrew P.**, Sarah J. McLean, Robert E. Worden. *An Exploratory Network Analysis of Hot People and Places*. National Institute of Justice Research Track. Presented at the *International Association of Crime Analysts* conference, Denver, CO. White paper available at
https://www.dropbox.com/s/oiso3j0ozmm9n2a/AndyW_Overlap_HotPeoplePlaces.pdf?dl=0.

2014   **Wheeler, Andrew P.**, Sarah J. McLean, and Robert E. Worden. *Making Field Stops Smart*. National Institute of Justice Research Track. Presented at the *International Association of Crime Analysts* conference, Bellevue, WA. (Paper available upon request.)

Conference Presentations and Posters (Non-Peer Review)

2020   **Wheeler, Andrew P**. *Flipping a Criminal Justice PhD to an Alt-Academic Data Science Career.* Roundtable at the *Annual Meeting of the Criminology Consortium*. Link to presentation.

2020   **Wheeler, Andrew P.**, and Wouter Steenbeek. *Mapping the Risk Terrain for Crime Using Machine Learning*. Presented at the *Academy of Criminal Justice Sciences* conference, San Antonio, TX. [Cancelled Due to Covid]

2019   **Wheeler, Andrew P**. *Allocating police resources while limiting racial inequality.* Presented at the *American Society of Evidence Based Policing Conference*. Cincinnati, OH.

2018   **Wheeler, Andrew P**. *Allocating police resources while limiting racial inequality.* Presented at the *American Society of Criminology Conference*, Atlanta, GA.

2018   **Wheeler, Andrew P.**, and Richard L. Block. *Spatial inequality in distribution of homicides in Chicago*. Presented at the *Homicide Research Working Group* meeting, Clearwater Beach, FL.

2018   **Wheeler, Andrew P.**, and Cory P. Haberman. *Modeling the spatial patterns of intra-day crime trends*. Presented at the *Environmental Criminology and Crime Analysis* conference, Elche, Spain.

2018   **Wheeler, Andrew P.**, Robert E. Worden, and Jason R. Silver. *The accuracy of the violent identification directive (VOID) tool to predict future gun violence.* Presented at the *Academy of Criminal Justice Sciences* conference, New Orleans, LA.

2018   Zakrzewski Jr, William J., **Andrew P. Wheeler**, and Andrew Thompson. *Marijuana dispensaries in Washington, D.C.* Presented at the *Academy of Criminal Justice Sciences* conference, New Orleans, LA.

2017   **Wheeler, Andrew P.** *Crime Data Visualization for the Future.* Presented at the *American Society of Criminology* conference, Philadelphia, PA. Paper available at https://www.dropbox.com/s/hphfswijruwjz8q/DataViz_Future_AndyWheeler.pdf?dl=0.

2017   Worrall, John L., Stephen A. Bishopp, **Andrew P. Wheeler**, Scott C. Zinser, and Scott W. Phillips. *The missing link for detecting evidence of implicit bias in police shooting decisions*. Presented at the *American Society of Criminology* conference, Philadelphia, PA.

2017   **Wheeler, Andrew P.**, Jason R. Silver, Sarah J. McLean, and Robert E. Worden. *Mapping attitudes towards the police at micro places*. Poster presented at the *American Society of Criminology* conference, Philadelphia, PA. Poster available at https://goo.gl/xvg9Zx.

2017   **Wheeler, Andrew P.**, Sarah J. McLean, Kelly J. Becker, and Robert E. Worden. *Choosing representatives to deliver the message in a group violence intervention*. Presented at the *Academy of Criminal Justice Sciences* conference, St. Louis, MO.

2016   **Wheeler, Andrew P.** *Quantifying the local and spatial effects of bars on crime*. Presented at the *American Society of Criminology* conference, New Orleans, LA.

2016   Worden, Robert E., Sarah J. McLean, and **Andrew P. Wheeler**. *Smart Stops: Toward more strategic proactive policing*. Presented at the *American Society of Criminology* conference, New Orleans, LA.

2016   **Wheeler, Andrew P.**, Robert E. Worden, and Sarah J. McLean. *Making stops smart: Predicting arrest rates from discretionary police stops at micro places in Albany, NY*. Presented at the *Academy of Criminal Justice Sciences* conference, Denver, CO.

2016   Worden, Robert E., Sarah J. McLean, **Andrew P. Wheeler**, and Kelly J. Becker. *Gangs, groups, networks, and deterrence: An evaluation of Syracuse Truce*. [Poster presented at the *Academy of Criminal Justice Sciences* conference, Denver, CO](). Also presented at the *American Society of Criminology*, New Orleans, LA.

2015   **Wheeler, Andrew P.** *The Effect of 311 Calls for Service on Crime in D.C. at Micro Places*. Presented at the *American Society of Criminology* conference, Washington, D.C.

2013   **Wheeler, Andrew P.** *Visualization techniques for journey to crime flow data*. Presented at the *American Society of Criminology* conference, Atlanta, GA.

2012   **Wheeler, Andrew P.** *The Measurement of Small Place Correlates of Crime*. Presented at the *American Society of Criminology* conference, Chicago, IL.

2011   **Wheeler, Andrew P.** *The Moving Home Effect: A Quasi Experiment Assessing Effect of Home Location on the Offence Location*. Presented at the *Academy of Criminal Justice Sciences* conference, Toronto, ON Canada. Also presented at the *American Society of Criminology* conference, Washington, D.C.

2008   **Wheeler, Andrew P.** *Applying the 90's Crime Drop to the New Century: A model of unemployment and incarceration's effect on current crime trends*. Presented at an Undergraduate Poster Session at the *Eastern Sociological Society* annual conference. New York, NY.

Service

As part of my service to the field, I have a personal website and blog, http://andrewpwheeler.com/. Most often I blog about technical, computer programming aspects of my work, and provide tutorials to replicate advanced quantitative analysis. I also answer programming, statistics, and GIS questions on several online forums. Mostly on Cross Validated (Statistics), SPSS Nabble Group, GIS Stack Exchange, and Stackoverflow.

Committee Work: *Crime Science* **Editorial Board,** 2025-Current

Journal of Quantitative Criminology **Editorial Board**, 2021-Current

CrimRxiv Steering Committee, 2020-Current

Graduate Applications Committee (*UT Dallas Program in Criminology*), 2018-2019

Chair of the Publications Committee (*International Association of Crime Analysts*), 2018-2019

Online Sites: [LinkedIn](#), [SSRN Profile, Personal Website and Blog](#), [Publons](#), [ORCiD](#), [SocArXiv](#), [crimrxiv](#)

Ad hoc reviewer: *Journal of Quantitative Criminology | Criminology | Policing: An International Journal of Police Strategies & Management | Police Quarterly | International Journal of Offender Therapy and Comparative Criminology | Journal of Applied Statistics | Applied Geography | Justice Quarterly | Journal of Criminal Justice | Journal of Research in Crime & Delinquency | European Journal on Criminal Policy and Research | PLoS ONE | CrimeSolutions.gov | Transactions in GIS | Criminal Justice and Behavior | Journal of Crime & Justice | Papers in Regional Science | Crime Science | Applied Spatial Analysis and Policy | International Journal of Police Science and Management | Crime & Delinquency | Sage Open | Justice Evaluation Journal | Asian Journal of Criminology | Journal of Policing, Intelligence, and Counter Terrorism | Journal of the Royal Statistical Society: Series A (Statistics in Society) | Global Crime | ISPRS International Journal of Geo-Information | Population Research and Policy Review | International Journal of Environmental Research and Public Health | Journal of Urban Health | Criminology & Public Policy | The Professional Geographer | Police Practice and Research: An International Journal | Journal of Scandinavian Studies in Criminology and Crime Prevention | International Journal of Drug Policy | Criminal Justice Review | Journal of Experimental Criminology | Deviant Behavior | Criminal Justice Policy Review | Social Problems | Victims & Offenders | Applied Sciences | Telematics and Informatics | Annals of GIS | Criminal Justice Studies | Urban Studies | Social Science Research | Journal of Health Economics and Outcomes Research | Remote Sensing | Sensors | Discover Global Society | Scientific Reports | Robotics and Autonomous Systems | Computers, Environment, and Urban Systems | Cities | International Journal of Law, Crime and Justice | Journal of Criminal Justice Education | American Journal of Preventative Medicine | Quality of Life Research | Journal of Open Source Software | Injury Epidemiology*

Teaching Experience

Below are courses I have previously or am currently teaching. I have course materials posted at https://andrewpwheeler.wordpress.com/courses/.

- *Mapping and Analyzing Crime – (CJS 422)* - St. Rose, Undergraduate, Fall 2011 (co-taught with Jim Gilmer)
- *Geographic Information Systems in Criminal Justice (CRJ 693)* - SUNY Albany, Graduate, Spring 2016, Online Spring 2017, Online Spring 2018 ([Online Course Materials](#))
- *Seminar in Criminology Research and Analysis (CRIM 7301)* – University of Texas at Dallas, Graduate, Fall 2016, Fall 2017, Fall 2018 ([Online Course Materials](#))

- *Communities and Crime (CRIM 4323)* – University of Texas at Dallas, Undergraduate, Spring 2017, Spring 2018, Spring 2019
- *GIS Applications in Criminology (cross listed as CRIM 6332 & GISC 6331)* – University of Texas at Dallas, Graduate, Online Summer 2017, In person Spring 2019 ([Online Course Materials](#))
- *Crime Science (CRIM 7381 Special Topics)* – University of Texas at Dallas, Graduate, Spring 2018
- *Advanced Criminology (CRIM 3302)* – University of Texas at Dallas, Undergraduate, Fall 2018
- *Special Topics: Crime Analysis* (CRIM 4396) – University of Texas at Dallas, Undergraduate, Fall 2019 ([Online Course Materials](#))

Selected Media Pieces

- *[Interview with NBC5 about work on Patrol Redistricting in Carrollton](#)*
- *Webcast #5: "Predictive Analytics" w/ Andrew Wheeler*. Webcast with the Canadian Society of Evidence Based Policing. See it on [YouTube](#) or listen to it on [SoundCloud](#). 2018.
- *[Don't shoot: When Dallas police draw their guns, they usually choose not to fire](#)*. Short piece authored by myself at *The Conversation*. 2018.
- *[Are you more likely to be shot by Dallas police if you're black or white? It depends, study says](#)*. Interview with Naheed Rajwani, Dallas Morning News. 2018.
- *[Study: Recent Spikes in Homicide Rates Don't Tell Whole Story](#)*. Media release by *UT News Center* by Kim Horner. 2017.
- *[Swat raids are more about symbolism than reducing crime in the long term](#)*. Blog post with Dae-Young Kim and Scott Phillips on the *London School of Economics United States Politics and Policy* site (LSE USAPP). 2016

Grant Applications and Awards

Awarded

2025   **Funding Organization**: Arnold Ventures
            Title: A Randomized Experiment to Target High Risk Gun Offenders in Denver,
            Colorado
            Awarded: $107,000

2017   **Funding Organization:** University of Texas at Dallas, Center for Teaching and Learning,
            Instructional Improvement Awards
            Title: *Flipping Communities and Crime into a Blended Learning Course*
            Awarded: $5,400

Rejected

2018   **Funding Organization:** National Science Foundation, Early Career Development
            Program
            Title: *Assessing Transparency and Fairness in Predicting Chronic Offenders by the
            Police*
            Primary Investigator: Andrew P. Wheeler
            Requested Funding: $430,000

2018   **Funding Organization:** National Institute of Justice, W.E.B. Du Bois Fellowship for
            Research on Race and Crime
            Title: *Allocating Police Resources While Limiting Racial Inequality*
            Primary Investigator: Andrew P. Wheeler
            Co-Investigator: Nadine M. Connell, Ph.D., *The Center for Crime and Justice Studies,
            The University of Texas at Dallas*
            Requested Funding: $51,000

Awards

2013   Walter M. Francis Policing Award
            School of Criminal Justice
            University at Albany, SUNY

2008   University Honors Award in Criminal Justice
            Department of Criminal Justice,
            Bloomsburg University

Consulting Experience

I have prior experience conducting crime and GIS analysis for police departments for a variety of areas (civil litigation in regards to evaluating racial bias in police behavior, evaluation of crime reduction initiatives, analyzing survey data, training for crime analysts, etc.). I have additionally conducted training for crime analysts. You can see a portfolio of work at https://crimede-coder.com/.

I commonly work with police agencies on various problems pro bono. If you are interested in having advice regarding crime analysis or program evaluation, feel free to contact me.