

**Eric Best**  
Curriculum Vitae

260 ETEC  
1220 Washington, Avenue  
Albany, NY 12226  
ebest@albany.edu

**EDUCATION**

**Ph.D., School of Public Policy and Administration - Disaster Science and Management, Modeling and Simulation Concentration**, University of Delaware, 2013

**MA, Economics**, University of Delaware, 2011

**BS, Economics**, University of Delaware, 2005

**PROFESSIONAL POSITIONS AND AFFILIATIONS**

**Assistant Professor**, Emergency Management and Homeland Security, College of Emergency Preparedness, Homeland Security and Cybersecurity, University at Albany (July 2023 – Present)

**Assistant Professor**, Homeland Security and Public Policy, School of Public Affairs, Penn State University Harrisburg (August 2020 – June 2023)

**Assistant Professor**, Joseph R. Biden. Jr. School of Public Policy & Administration, University of Delaware (January 2020 – August 2020)

**Assistant Policy Scientist**, Center for Applied Demography & Survey Research, University of Delaware (July 2017 – August 2020)

**Post-Doctoral Researcher**, Center for Applied Demography & Survey Research, University of Delaware (July 2015 - July 2017)

**Assistant Professor**, Emergency Management, College of Arts and Sciences, Jacksonville State University (August 2013 – May 2015)

**Research Fellow**, Center for Science, Ethics, and Public Policy, University of Delaware (September 2013-May 2015)

**Post-Doctoral Fellow**, Center for Science, Ethics, and Public Policy, Delaware Biotechnology Institute/NSF EPSCoR, University of Delaware (May 2013 - August 2013)

## PUBLICATIONS

### Peer Reviewed Articles

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- Azevedo, Lauren, Dan Mallinson, Pedro Robles, Jue Wang, **Eric Best**. 2024. "AI Policies, Equity, and Morality and the Implications for Faculty in Higher Education". Accepted *Public Integrity* special issue on Ethical Challenges in Higher Education
- Aviles, Edgar, Joerg Schultz, Michele N. Maughan, Jenna D. Gadberry, Dana DiPasquale, Brian Farr, **Eric Best**, Dakota R Discepolo, Patricia Buckley, Erin Beth Perry, Debra Lynn Zoran and Nathaniel James Hall. 2024. "A Canine Model to Evaluate the Effect of Exercise Intensity and Duration on Olfactory Detection Limits: The Running Nose". Accepted in *Frontiers in Allergy*
- Best, Eric**, Pedro Robles, Daniel J. Mallinson. 2024. "The Future of AI Politics, Policy, and Business". *Business and Politics* 2024(2)
- DeGreeff, Lauryn E., Christopher K. Katilie, Caitlin E. Sharpes, Michele N. Maughan, Jenna D. Gadberry, Patrick Nolan, Nathaniel J. Hall, Barry Magner, **Eric M. Best**, Emma Calabrese, Fantasia Whaley, Mark Hammond, Patricia E. Buckley. 2024. "Evaluation of Non-Detonable Canine Training Aids for Explosives by Headspace Analysis and Canine Testing". *Journal of Forensic Sciences*
- Mallinson, Daniel J., Lauren Azevedo, **Eric Best**, Pedro Robles, Jue Wang. 2023. "The Future of AI is in the States: The Challenges and Opportunities of Decentralized Regulation for Business and Policy". *Business and Politics* 2024(2)
- Best, Eric** and Daniel J. Mallinson. 2023. "Quantitative Political Science Education in the Past and Future". *Journal of Political Science Education* special edition on Research Methods Teaching 2004-2024
- Katilie, Chris, Lauryn DeGreeff, Caitlin Sharpes, Patricia Buckley, Jenna Gadberry, **Eric Best**, Michele Maughan. 2023. "Evaluation of Canine Training Aids Containment for Homemade Explosive and Components by Headspace Analysis and Canine Testing". *Journal of Forensic Sciences* 68(6)
- Maughan, Michele, **Eric Best**, Jenna Gadberry, Caitlin Sharpes, Kelly Evans, Calvin Chue, Patrick Nolan, Patricia Buckley. 2022. "The Use and Potential of Biomedical Detection Dogs During a Disease Outbreak". *Frontiers in Medicine*, 9
- Chiam, Tze, Keshab Subedi, David Chen, **Eric Best**, Federica B. Bianco, Gregory Dobler, Mia Papas. 2021. "Hospital Length of Stay Among COVID-19 Positive Patients." *Journal of Clinical and Translational Research* 7(3): 377-385
- Best, Eric**. 2017. "Development of Hybrid Notification Systems for Use with Storm-Based Warnings in Rural Communities." *Natural Hazards Review* 18(4)
- El-Tawil, Sherif, Jieshi Fang, Benigno Aguirre, **Eric Best**. 2017. "A Computational Study of the Station Nightclub Fire Accounting for Social Relationships." *Journal of Artificial Societies and Social Simulation*, 20(4): 1-10
- Greer, Alex and **Eric Best**. 2016. "Size Doesn't Matter: The Complicated Relationship Between National Offshore Oil Spill Events, Framing, and Policy." *International Journal of Mass Emergencies and Disasters*, 34(1): 25-46
- Best, Joel and **Eric Best**. 2016. "The Shifting Landscape for Student Loans." *Society*, 53(1): 51-55

- Hotchkiss, H. L., B.E. Aguirre, **Eric Best**. 2013. "A Critique of the NIST Report of the Evacuation of the WTC Towers: Continued Doubts." *Disasters*, 37(4): 695-704
- Aguirre, B.E., Sherif El-Tawil, **Eric Best**, Kimberly Gill, Vladimir Fedorov. 2011. "Contributions of Social Science to Agent Based Models of Building Evacuation." *Contemporary Social Science*, 6(3): 415-432
- Reprint: Book chapter. 2013. *Crowds in the 21<sup>st</sup> Century: Perspectives from Contemporary Social Science*, Chapter 10. Edited by John Drury and Clifford Stott. Routledge
- Best, Eric**. 2012. "Debt and the American Dream." *Society*, 49(4): 349-352

## **Books**

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- Best, Joel and **Eric Best**. 2014. *The Student Loan Mess: How Good Intentions Created a Trillion-Dollar Problem*. University of California Press, May 2, 2014
- Reviews of *The Student Loan Mess*:
- Baum, Sandy. 2014. "Review of *The Student Loan Mess*". *Teachers College Record*. August 29, 2014
- Brown, Justin Chase. 2015. "Book Review: The Student Loan Mess". *Journal of Student Financial Aid*. August 3, 2015
- Chapman, Bruce. 2018. "Review of *The Student Loan Mess*". *Economic Record* (The Economic Society of Australia). June 12, 2018
- Cowen, Tyler. 2014. "Not worth it". *The Times Literary Supplement*. November 26, 2014
- Delbanco, Andrew. 2015. "Our Universities: The Outrageous Reality". *The New York Review of Books*. July 9, 2015
- Eaton, Charlie. 2017. "Review of *The Student Loan Mess*". *Contemporary Sociology*. October 27, 2017
- Fifolt, Matthew. 2015. "Review of *The Student Loan Mess*". *College & University*. January 1, 2015
- Grover, L.T. 2015. "Review of *The Student Loan Mess*". *CHOICE* (The American Library Association). January 2015
- Leef, George. 2014. "How did we get into the Student Loan Mess?". The John William Pope Center for Higher Education Policy Commentary. November 12, 2014
- Marsh, John. 2014. "This is Not a Bill (Yet)". *Academe*, 100(5): 45-49. September – October 2014
- McNutt, John. 2014. "Review of *The Student Loan Mess*". *The Journal of Sociology & Social Welfare*. December 2014.

## **Book Chapters**

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- Best, Eric**. 2022. "Modeling and Simulation for Security: An Overview." Springer Handbook of Security Science. Edited by Anthony J. Masys. Springer.
- Best, Eric** and Dan Rich. 2017. "The Political Economy of Higher Education and Student Debt." *Routledge Handbook of the Political Economy of Science*, Chapter 10. Edited by David Tyfield, Rebecca Lave, Samuel Randalls, and Charles Thorpe. Routledge.

- Best, Eric.** 2015. "Are Some Universities Too Big to Fail?" *Owned*, Chapter 10. Edited by Douglas Hartmann and Christopher Uggen. W. W. Norton  
Original: Online post. 2012. *The Society Pages*, June 28, 2012, Features Aguirre, B. E. and **Eric Best**. 2014. "How Not to Learn, Resilience in the Study of Disaster." *Learning and Calamities: Practices, Interpretations, Patterns*, Chapter 13. Edited by Heike Egner, Marén Schorch and Martin Voss. Routledge

### **Technical Reports**

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- Best, Eric** and Edward Ratledge. 2019. "Financing Public Education in Delaware."  
**Best, Eric.** 2018. "State of Delaware All-Hazard Mitigation Plan – Vulnerability Assessment Section." Delaware Emergency Management Agency, submitted to Federal Emergency Management Agency  
Racca, David, **Eric Best**, Rebecca King, Andrew Homsey, Jordan Martin, and Gerald Kauffman. 2017. "Worst Case Effects of Hurricanes, Fluvial Flooding, High Tides, and Sea Level Rise on DelDOT Assets". Delaware Department of Transportation  
**Best, Eric.** 2016. "Delaware DUI Data Analysis 2016." Delaware Office of Highway Safety  
Tabatabaie Shourijeh, Morteza, Jamshid Laghaei, Leslie Mills, **Eric Best**, Arde Faghri, Khaled Hamad. 2011. "Risk Analysis of Oil Spills in the Delaware River and Bay." Transportation Resources Board 90<sup>th</sup> Annual Meeting Compendium

### **Book Reviews**

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- Best, Joel and **Eric Best**. 2017. "Akers, Beth and Matthew M. Chingos. 2016. Game of Loans: *The Rhetoric and Reality of Student Debt*." *Society*, 54(4): 372-374  
**Best, Eric.** 2013. "Stoll, David. 2013. *El Norte or Bust*." *Society*, 50(6): 646-648  
**Best, Eric.** 2013. "Alemanno, Alberto. 2011. *Governing Disasters*." *Natural Hazards Review*, 14(2): 147

### **Periodical Articles, Online Posts, and Opinion Pieces**

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- Best, Joel and **Eric Best**. 2015. "Student Loans: What's the Big Deal?". *Teachers College Record*, March 13, 2015.  
**Best, Eric** and Joel Best. 2014. "Explainer: The US Student Loan Problem and how We Got Here". *The Conversation*, November 13, 2014  
Best, Joel and **Eric Best**. 2014. "Student-Loan Debt: A Federal Toxic Asset [op-ed]." *The Wall Street Journal*, October 2, 2014, p. A17  
**Best, Eric** and Joel Best. 2014. "Restructuring Might Succeed Where Regulation Flounders." *The Chronicle of Higher Education*, April 4, 2014, 60(29): A33-A34  
Best, Joel and **Eric Best**. 2014. "Dealing with Student Loans One Mess at a Time Hasn't Worked." *The Chronicle of Higher Education*, March 20, 2014, The Conversation  
**Best, Eric.** 2012. "College Should Be for Learning, not Frivolities [op-ed]." *The [Wilmington, DE] News Journal*, June 11, 2012, p. A13

## TEACHING

### **University at Albany**

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(Instructor rating [My rating/Max Rating] in parentheses, detailed evaluations available)

#### **Graduate**

Quantitative Methods (4.47/5, 2024)

#### **Undergraduate**

The Legal, Ethical, and Operational Impacts of Unmanned Systems (5/5, 2023)

### **Prior Institutions**

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(Instructor rating [My rating/Max Rating] in parentheses, detailed evaluations available)

#### **Graduate**

Advanced Data Analysis (Doctoral) (4.8/5, 2014-2015)

Comparative Homeland Security (5.7/7, 2023)

Data Analysis for Policy and Administration (6.32/7, 2021-2022)

Graduate Capstone (4.7/5, 2015)

Homeland Security Internship (7/7, 2023)

Multifaceted Approaches to Homeland Security (6.44/7, 2022-2023)

Research Methods (Doctoral) (6.3/7, 2022)

Research Methods in Emergency Management (4.80/5, 2013-2015)

Risk-Based Response and Recovery (Doctoral) (4.68/5, 2014-2015)

Strategic Planning in Homeland Security (6.9/7, 2020-2021)

Whole Community Disaster Preparedness (5.6/7, 2023)

#### **Undergraduate**

Disasters and the Media (4.67/5, 2012-2013)

Management Systems in Disaster (4.9/5, 2014-2015)

National Security Policy (7/7, 2023)

Quantitative Political Analysis (6.37/7, 2020-2022)

Sociology of Disasters (4.67/5, 2012-2013)

## AWARDS AND FUNDED RESEARCH

### **External Awards**

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Senior Personnel (PI Abdullah Canbaz). 2025. "REU Site: Interdisciplinary Science for Integrative Challenges in Cybersecurity (ISICC)". National Science Foundation. \$463,105 (Pending)

Senior Personnel (PI Xin Li). 2025. "Theme 3: NSF AI-Institute: INSAIT: INstitute for Social-Artificial Intelligence Teaming". National Science Foundation. \$20,000,000 (Pending)

Co-Principal Investigator (PI Alex Greer). 2024. "Emergency Management of Tomorrow Research (EMOTR) Program Support". Pacific Northwest National Laboratory. \$140,923

Principal Investigator. 2021. "Three-Dimensional Property Flood Risk Visualization Using LIDAR Data". Weather Ready Research Instrument and Data Publications,

Call 2. CONVERGE Publish Your Data! Natural Hazards Center, NHERI, NSF and NOAA. \$1,250  
Co-Investigator (PI Gregory Dobler, Co-Is Federica Bianco, Tze Chiam, and Mia Papas). 2020. “The Effects of Subpopulations and Policy Change on COVID19 Hospital Demand Models”. COVID-19 Pilot Grant. National Institutes of Health – Delaware CTR ACCEL. \$80,000  
Senior Personnel (PIs Stephen Metraux, Gregory Dobler, Richard Braun). 2020. “Homeless and Health Care Data for the State of Delaware”. South Big Data Hub Seed Grant. \$9,062  
Principal Investigator. 2019. “Traffic, Infrastructure, and Roadway Visualization”. DelDOT. \$51,663  
Principal Investigator (Co-PIs Andrew Homsey, Gerald Kauffman, and David Racca). 2019. “Effects of a Worst Case Hurricane Event on DelDOT Assets, Phase 2”. DelDOT. \$126,445  
Principal Investigator. 2017. “State Mitigation Plan Modeling”. Delaware Emergency Management Agency. \$39,451  
Report Author. 2016. “Delaware DUI Data Analysis”. Delaware Office of Highway Safety. \$35,000  
Research Paper Award. 2012. Hazards and Disasters Student Paper Competition Graduate Winner. Title: “Collective Models of Disaster: Making a Case for Using Collective Mobile Phone Location Data in Disaster Science”, University of Colorado at Boulder, Natural Hazards Center

### **Internal Awards**

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Principal Investigator. 2024. Minerva Center Innovation Funding for Research and Creative Endeavors. \$4,800  
Co-Principal Investigator (Co-PI Dan Mallinson). 2023. “News and Numeracy: Improving Understanding of Quantitative News and Data Journalism”. Commonwealth Pilot of the Bellisario College News Literacy Program. \$7,000  
Co-Principal Investigator (Co-PIs Lauren Azevedo, Dan Mallinson, Pedro Robles, and Jue Wang). 2023. “AI-based Ventures, Fair Data Practice, and Government Interventions”. Center for Socially Responsible Artificial Intelligence. \$20,000  
Principal Investigator. 2021. “Pennsylvania Pandemic Hospital Capacity Prediction”. Commonwealth Campuses Research Collaboration Development Program 2020-2021. Penn State Commonwealth Campuses Collaboration Programs and Institute for Computation and Data Sciences. \$5,077  
Principal Investigator. 2021. “Small Data, Big Analysis: Creating Accurate Metrics and Predictions in the COVID-19 Fight”. Penn State University Center for Security Research and Education. \$416  
Faculty Research Award. 2014. College of Arts and Sciences, Jacksonville State University  
Research Fellowship. 2011. *Responsibility and Integrity in Science and Engineering*, National Science Foundation.

## CONFERENCE PRESENTATIONS

- Best, Eric**, Katherine Baronowski, Radhakrishnan Venkatakrishnan. 2024. Poster. "Low-Cost Environmental Monitoring Applications in Homeland Security". 2024 IEEE Systems and Technologies for Remote Sensing Applications Through Unmanned Aerial Systems (STRATUS). Syracuse, NY
- Best, Eric**, Federica Bianco, Tze Chiam, Gregory Dobler, Mia Papas, A.J. Schall. 2022. Poster. "Creating a Statewide COVID-19 Hospital Capacity Prediction Model, a Public/Private Partnership". FEMA Emergency Management Higher Education Symposium. Emmitsburg, MD
- Best, Eric**. 2021. Presentation. "Big Data for Disaster Research". IRCD Researcher's Meeting. Broomfield, CO
- Best, Eric**. 2021. Presentation. "Round the Clock: Addressing Staff Shortages During Disasters". Natural Hazards Workshop, Broomfield, CO
- Bianco, Federica, **Eric Best**, Tze Chiam, Gregory Dobler, and Mia Papas. 2020. Panel Organizer/Presenter. "Coordinating Data Collection and Sharing Across Healthcare Networks for Predictions of Pandemics - A Public Administration Adventure in Public Health". Northeast Conference on Public Administration, Boston, MA
- Schall, AJ and **Eric Best**. 2020. Presentation. "State and University Partnerships in Emergency Management Applications – Examples and Possibilities" National Emergency Management Association Mid-Year Forum, Alexandria, VA
- Best, Eric**. 2019. Presentation. "Analysis of Buyout Properties – Are the Headlines Correct?" FEMA Higher Education Symposium, Emmitsburg, MD
- Best, Eric**. 2018. Presentation. "Statewide Inventory Modeling: An Example from Delaware." FEMA Higher Education Symposium, Emmitsburg, MD
- Best, Eric**. 2016. Presentation. "Examining the Efficiency of Disaster Aid Policies Using Mortgage Performance Data for Hurricanes Katrina and Sandy." FEMA Higher Education Emergency Management Theory and Research Workshop, Emmitsburg, MD
- Best, Joel and **Eric Best**. 2014. Presentation. "Confronting the Student Loan Mess." Society for the Study of Social Problems Annual Meeting, San Francisco, CA
- Best, Eric**. 2014. Presentation. "Examining the Efficiency of Disaster Aid Using Mortgage Performance Data after Hurricane Katrina." IRCD Researcher's Meeting, Broomfield, CO
- Best, Eric**. 2014. Poster. "Developing Hybrid Notification Systems for Use with Storm-Based Warnings: Evaluating Emergency Alert Sirens, Wireless Emergency Alert, and Hybrid System Capabilities." Natural Hazards Workshop, Broomfield, CO
- Powers, Thomas and **Eric Best**. 2014. Presentation. "Safety, Privacy, and Meta-Data." Computer Ethics: Philosophical Enquiry, Paris, France
- Best, Eric**. 2013. Presentation. "Practicing what we Publish: The Gap Between Building Evacuation Research and Building Evacuation Modeling." IRCD Researcher's Meeting, Broomfield, CO
- Greer, Alex and **Eric Best**. 2013. Presentation. "Size Doesn't Matter: The Complicated Relationship between National Offshore Oil Spill Events, Framing, and Policy." IRCD Researcher's Meeting, Broomfield, CO

- Best, Joel and Eric Best.** 2013. Presentation. “The Student Loan Messes: Constructions, Policies, and Ironic Consequences.” Midwest Sociological Society, Chicago, IL
- Best, Eric.** 2012. Presentation. “Big Guns, Huge Debate, But is there a Social Problem? The Fabrication, Growth, and Maturity of a Single Gun Control Statistic”, Society for the Study of Social Problems Annual Meeting, Denver, CO
- Best, Eric and Alex Greer.** 2012. Presentation. “All Oil Spills are Local: Severity, Framing, Legislation, and GDP Change in States and the Nation”, IRCD Researcher’s Meeting, Broomfield, CO
- Best, Eric, Etornam Banini, Michael Lopez, Adam Orescan, Shawn Reynolds, B.E. Aguirre, and Sherif El-Tawil.** 2012. Poster. “Introducing SocEvac: Open-source Building Evacuation Software with Advanced Group and Crowd Behavior Elements”, Natural Hazards Workshop, Broomfield, CO
- Best, Eric.** 2012. Poster. “Improving Research in Delaware with GIS and Smartphone Data”, Delaware GIS Conference, Dover, DE
- Best, Eric.** 2011. Presentation. “Smartphone Location Data: A Single User’s Journey”, IRCD Researcher’s Meeting, Broomfield, CO
- Best, Eric, Shawn Reynolds, Kimberly Gill, Sherif El-Tawil, and Benigno Aguirre.** 2011. Poster. “Incorporating Social Behavior Elements in Disaster Simulation Models”, Natural Hazards Workshop, Broomfield, CO

## INVITED TALKS

- Best, Eric.** 2024. Presentation. “Current Research in the College of Emergency Preparedness, Homeland Security & Cybersecurity”. Emergency Management of Tomorrow Research, Pacific Northwest National Laboratory. Seattle, WA
- Best, Eric.** 2024. Presentation. “Artificial Intelligence and the Future of Emergency Management”, FEMA Region 2 Higher Education Roundtable, St. John’s University. Brooklyn, NY
- Best, Eric.** 2021. Presentation. “Delaware Emergency Management Agency COVID-19 Predictive Modeling Group”, University of Delaware Data Science Institute, Data Science Symposium. Newark, DE
- Best, Eric.** 2021. Presentation. “Real-Time COVID-19 Data Collection and Prediction”, Penn State Harrisburg Research Showcase, Data Science in Health and Public Affairs. Harrisburg, PA
- Best, Eric.** 2021. Presentation. “New Models, Old Problems: Predicting Hospital Capacity in a Pandemic”, Complex Adaptive Systems Conference Luncheon Keynote. Virtual
- Best, Eric.** 2020. Presentation. “Built Environment Construction and Analysis from LIDAR Point Clouds”, Virtual Symposium on Computational Social Science for an Inclusive Society, Data Science Institute, University of Delaware. Newark, DE
- Bianco, Federica, Gregory Dobler and Eric Best,** 2020. Presentation. “Delaware-focused predictions of COVID-19 infections and hospitalizations”, Biden School of Public Policy and Administration, COVID-19 Engagement Event. Virtual.



- Best, Eric**, 2019. Presentation. “Is There a Student Loan Crisis? Data vs. the Headlines”, Biden School of Public Policy and Administration, Fall Research Seminar Series. Newark, DE
- Best, Eric**, 2019. Presentation. “Utilizing Universities as Partners in Hazard Mitigation Plan Drafting and Implementation”, Federal Emergency Management Agency Region III. Newark, DE
- Best, Eric**, 2018. Presentation. “Delaware All-Hazard Mitigation Plan Vulnerability Assessment”, Delaware Emergency Management Agency. Smyrna, DE
- Best, Eric**, David Racca, and Silvana Croope. 2016. Presentation. “Delaware HAZUS Updates”, The National HAZUS User Group. Virtual.
- Best, Eric** and Joel Best. 2015. Presentation. “The Student Loan Mess”, The Adam Smith Society, The Manhattan Institute. New York, NY
- Best, Eric** and Joel Best. 2015. Presentation. “The Student Loan Mess”, The Adam Smith Society, Austin Chapter, Austin, TX
- Best, Eric**. 2013. Panelist. “Student Debt and the Economy”, Round Table on College Affordability, Congressman John Carney (DE), Bear, DE
- Best, Eric** and Benigno Aguirre. 2010. Presentation. “Lead, Follow, or Get in the Way: Creating Social Agent Systems in Simulated Physical Environments”, Millersville University, Millersville, PA

## **PROFESSIONAL DEVELOPMENT**

- UAlbany Division for Research and Economic Development, 2024-25 Proposal Writing Course, September 2024-
- NSF NYS Capital Region I-Corps, Albany, NY, September-October 2024
- INTERSECT Research Software Engineering Bootcamp, Princeton University, July 2023
- Federal Bureau of Investigation Baltimore Field Office Citizen’s Academy, April-July 2017
- Delaware State Police Citizen’s Police Academy, May-June 2016
- University of Delaware, “Analytics: Optimizing Big Data Certificate”, September-December 2015

## **MEDIA APPEARANCES**

### **Print Interviews**

- News Journal (Wilmington, DE)
- Marketwatch (New York, NY)
- Chronicle of Higher Education (Washington, DC)
- Saint Cloud Times (St. Cloud, MN)

### **Radio Interviews**

- Jefferson Public Radio, “The Jefferson Exchange” (Ashland, OR)
- KVON, “Specific Gravity” (Napa, CA)
- KWGS, “Studio Tulsa” (Tulsa, OK)

Minnesota Public Radio (St. Paul, MN)  
Rich Dad, Poor Dad Radio (Phoenix, AZ)  
WAMC, "Midday Magazine" Northeast Public Radio (Albany, NY)

### **Television Interviews**

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BBC Persian Service (London, United Kingdom)  
CNBC, "Street Signs" (Englewood Cliffs, NJ)

## **STUDENT ADVISING AND MENTORSHIP**

### **Academic Advising**

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University at Albany:

Information Science, Doctor of Philosophy  
Emergency Management and Homeland Security, Master of Science

Penn State Harrisburg:

Public Administration, Doctor of Philosophy  
Homeland Security, Master of Professional Studies  
Public Policy, Bachelor of Science

### **Committee Membership on Dissertations**

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Penn State Harrisburg, Public Administration:

Victoria Williams (Committee Member, 2022-2023)  
Jingyu Guo (Committee Member, 2022-2023)  
Michael Sharp (Advisor and Chair, 2022-2023 [transferred])  
Pedro Robles (Committee Member, 2022-2023 [graduated])  
Andrew Morrow (Advisor and Chair, 2022-2023; Committee Member, 2020-2022)

External Committee Member:

Justin Puchalsky, St. John's University, Homeland Security (2021-2024  
[graduated])

## **SERVICE**

### **Discipline Service**

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Guest Editor, with Daniel Mallinson and Pedro Robles, *"The Future of AI Business, Politics, and Policy" in Business and Politics* (2023)  
Associate Editor, *Journal of Homeland Security and Emergency Management* (2021-)  
Manuscript Reviewer, *Applied Clinical Informatics, Earthquake Spectra, Human Geography, Journal of Artificial Societies and Social Simulation, Journal of Homeland Security and Emergency Management, Journal of Infrastructure Systems, Journal of Policing, Intelligence, and Counter Terrorism, Online Journal of Public Health Informatics, Natural Hazards Review*

## **National Service**

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Report Contributor, "Person-Borne Improvised Explosive Device (PBIED) Detection Evaluation - Red Baron". Combat Capabilities Development Command - Chemical Biological Center for the Defense Threat Reduction Agency (DTRA). November 2020  
FEMA Emergency Management Education Disciplinary Focus Group Member, 2015

## **Community Service**

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New York Artificial Intelligence Awareness Workshop for Public Safety Professionals Development Group, Member  
Forum for Artificial Intelligence, Resilience and Safety (FAIRS), Director  
New York State Police Artificial Intelligence Working Group  
DEMA COVID-19 Predictive Modeling Group, Co-Director  
Delaware State Hazard Mitigation Council  
Delaware Silver Jackets (state flood risk reduction group)  
Infragard Member  
Eastern Alabama Emergency Management Coalition Member  
Greater Wilmington (Delaware) Community Cyber Security Maturity Model Member

## **University Service**

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### **University at Albany (2023 - Present)**

AI Plus, Chair of Weather, Climate and Emergency Preparedness Research Group. Fall 2024-  
College Cybersecurity and Cybersecurity AI Assistant/Associate Professor Search Committees, Fall 2024  
Department Faculty Development Committee, Fall 2024-  
Science & Technology Entry Program, Academic Career Exploration/Smart Scholars Summer Bridge/Pre-College Overview Research Experience. K9/NYSP/COVID response lectures. July 15<sup>th</sup>, 18<sup>th</sup>, 22<sup>nd</sup> 2024  
Science & Technology Entry Program, College Overview Research Experience. Three high school students hosted in Mobile Sensor Lab. Funded by New York State Education Department. Summer 2024  
Summer Research Program. Three UAAlbany students hosted in Mobile Sensor Lab. Funded by SUNY Chancellor's Summer Research Fund, Office of Access & Academic Enrichment, AI Plus Institute. Summer 2024  
Institutional Animal Care and Use Committee, Spring 2024-  
Human Subjects Review Board, Spring 2024-  
University AI+ Curriculum Committee, Spring 2024  
Department Undergraduate Committee, Fall 2023-  
College Events Committee, Fall 2023-Spring 2024  
College IST Assistant/Associate Professor Search Committee, Fall 2023

### **Penn State University Harrisburg (2020 - 2023)**

Associate Vice Chancellor for Research Search Committee, Fall 2022-  
Public Administration Ph.D. Admissions Committee, Fall 2022-  
Chair of Homeland Security Programs Search Committee, Fall 2022-  
Academic Advisor, Political Science and Public Policy, Fall 2022-

IT Support Specialist Search Committee, Summer 2022-  
Smart Home Research Initiative Review Committee, Summer 2022  
Associate Dean for Research Search Committee, Spring 2022  
Academic Advisor, Homeland Security MPS, Fall 2021-  
Public Administration Ph.D. Admissions Committee, Fall 2021-Spring 2022  
First Year Seminar, "Working Smart with Markdown - Rapid and Repeatable Homework,  
Presentation, and Web Layout", Fall 2021  
Faculty Senate Faculty Affairs Committee Member, Fall 2021-  
iMPS-HLS Base Program Graduate Admissions Committee, Fall 2020-

**University of Delaware (2015 – 2020)**

Symposium Planning Committee, Virtual Symposium on Computational Social Science  
for an Inclusive Society, Data Science Institute, University of Delaware, Fall 2020  
Organizing Member Delaware COVID-19 Hackathon, Spring 2020  
Biden School of Public Policy Staff Promotion Committee – Fall 2019

**Jacksonville State University (2013 – 2015)**

Academic Ineligibility Appeals Committee – Spring 2014 – May 2015  
Department of Emergency Management Doctoral Program Committee – Fall 2013 –  
May 2015  
Department of Emergency Management Graduate Plagiarism Committee – Fall 2013 –  
May 2015  
Department of Emergency Management Comprehensive Examination Committee – Fall  
2013 – May 2015

**PROFESSIONAL ASSOCIATIONS (Past and Present)**

American Political Science Association  
American Economic Association  
American Society for Public Administration  
American Statistical Association  
International Association of Emergency Managers  
International Sociological Association and International Research Committee on  
Disasters, ISA-39  
NYS GIS Association  
Society for the Study of Social Problems