



Curriculum Vitae

Bryce E. Barthuly

Updated August 2022

Criminologist / Data Scientist / Developer

John Jay College of Criminal Justice

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Education:

- 2019 - Present *City University of New York, John Jay College of Criminal Justice*
PhD in Criminal Justice and Criminology
- 2020 *University of Washington, Graduate School of Public Health*
Certificate Statistics & Modeling Novel Data Streams
Certificate Spatial Statistics Epidemiology & Public Health
Certificate Contact Network Epidemiology
- 2019 *Portland State University*
M.S in Criminology and Criminal Justice
Certificate Crime Analysis and Mapping
Certificate Collaborative Governance
Specialization in Research Methods & Statistical Analysis
- 2018 *Western Oregon University*
B.A in Criminal Justice
Minor in Homeland Security & Community Preparedness
Minor in Forensic Anthropology
- 2016 *Chemeketa Community College & Brooks Regional Training Center*
A.A.S in Criminal Justice
A.A.O.T in General Studies

Professional Employment:

- 2021 – Present **Adjunct Professor**
 -*Department of Criminal Justice at **John Jay College***
- 2021 – Present **Continuing Education Instructor**
 -*International Crime and Justice Program at **John Jay College***
- 2020 – 2021 **Teaching Assistant**
 -*Department of Criminal Justice at **John Jay College***
- 2019 – Present **Research and Development Engineer**
 -*CUNY Research Foundation*
- 2018 – Present **Independent Contractor**
 -*Species Wildlife Conservation*
 -*ACTO Wildlife Conservation*
 -*National Policy & Consensus Center*
 -*National Network for Safe Communities*
- 2018 – 2020 **Data Science Specialist**
 -*Portland Police Bureau (Cold Case & Tactical Response Divisions)*
- 2018 – 2020 **Geographic Information Systems Analyst**
 -*Atlas of Collaboration (National Policy & Consensus Center)*
- 2018 – 2019 **Graduate Teaching Assistant**
 -*Department of Criminology at **Portland State University***

Fellowships, Awards and Honors:

- 2022 **DGSC Grants Committee Member**
 City University of New York (CUNY) Graduate Center
- 2022 **DGSC Governance Task Force Member**
 City University of New York (CUNY) Graduate Center
- 2022 **At large Representative for Graduate Student Council**

- 2021 City University of New York (CUNY) Graduate Center
Program Representative for Graduate Student Council
- 2021 City University of New York (CUNY) Graduate Center
Graduate Assistant Research Grant
- 2020 City University of New York (CUNY) Graduate Center
Doctoral Student Research Grant (DSRG)
- 2020 City University of New York (CUNY) Graduate Center
Finalist for Tracking Coronavirus Challenge Virtual Pitch
- 2019 New York Academy of Sciences (NYAS)
Doctoral Fellowship
- 2019 City University of New York (CUNY) Graduate Center
Most Outstanding Graduate Student for University Service
Portland State University
- 2019 **Distinguished Thesis Award**
Portland State University
- 2019 **Pi Sigma Upsilon Honor Society**
Portland State University
- 2018 – 2019 **Graduate Assistantship**
Portland State University
- 2018 **Summa Cum Laude Honor Recipient**
Western Oregon University
- 2017-2018 **Presidents List and Honor Roll Recipient**
Western Oregon University
- 2017 **Western Oregon University Academic Excellence Certificate**
Western Oregon University
- 2016 **4.0 GPA Honor Recipient**
Chemeketa Community College

- 2016 **Criminal Justice Class of 2016 Representative/Speaker**
Chemeketa Community College
- 2014-2016 **Phi Theta Kappa Honor Society**
Chemeketa Community College
- 2014-2016 **Presidents List Honor Recipient**
Chemeketa Community College

Research Works

- Petrossian, G. A., Barthuly, B., & Sosnowski, M. C. (2022). Identifying Central Carriers and Detecting Key Communities Within the Global Fish Transshipment Networks. *Frontiers in Marine Science*, 346.
- Sung, H. E., Capellan, J., & Barthuly, B. (2022). Trust in the police and the militarization of law enforcement in Latin America. *Policing and Society*, 32(3), 311-340
- Barthuly, B. E. (2019). Spatial Analysis of Burglary and Robbery Crime Concentration Near Mass-Transit in Portland (Doctoral dissertation, Portland State University).
- Cochran, B., Fields, K.R., Barthuly, B.E., Nabatchi, T., McLain, R.J., and Mehdi, M.Q. (2019). *The Atlas of Collaboration: Oregon Volume: Version 1.0.*
www.atlasofcollaboration.com.
- Nabatchi, T., Cochran, B., McLain, R.J., Fields, K.R., and Barthuly, B.E. (2019). *Oregon Atlas of Collaboration - Notes from the Field: A Summary of Conversations with Regional and Statewide Leaders.* www.atlasofcollaboration.com.
- Barthuly, B. (2017). Obtainable Chemical Products and Forensic Taphonomy.
Digital Commons at Western Oregon University

External Funding

- 2022 **Research Associate.** *National Institute of Justice.* Detecting Fentanyl and Major Players in Darknet Drug Markets by Analyzing Drug Networks and Developing a Threat Assessment Tool (\$600,000)
- 2021 **Lead Developer.** *Bureau of Oceans and International Environmental and Scientific Affairs, U.S. Department of State.* Towards an Integrated Platform for Facilitating Transboundary Information Exchange, Cooperation, and Capacity Development for Disrupting Illegal Wildlife Trafficking in the LAC (\$394,906)
- 2020 – 2021 **Lead Developer.** *Bureau of International Narcotics and Law Enforcement Affairs, U.S. Department of State.* Western Hemisphere Regional Transnational Crime Assessment and Analysis (\$350,090)
- 2020 – 2021 **Research Associate.** *PEW Charitable Trusts.* A Network Analysis of Central Actors in Global Transshipments. (\$53,425)
- 2020 – 2021 **Research Associate.** *City of Paterson, NJ Police Department.* Developing and Evaluating a Data-Driven Approach to Address the Opioid Epidemic (\$146,851)
- 2019 – 2020 **Research Associate.** *Hatfield School of Government.* Oregon Atlas of Collaboration: How Does Oregon Support Cross-Sector Collaboration?

Internal Funding

- 2022 **Graduate Assistant Research Grant.** *CUNY Graduate Center.* Assessing Transnational Organized Crime in the Western Hemisphere. (\$4,500)
- 2021 **Doctoral Student Research Grant.** *CUNY Graduate Center.* Examining the Social Networks of Transnational Crime in the Western Hemisphere. (\$1,000)

2020 **Office for the Advancement of Research.** *John Jay College of Criminal Justice.* A Spatial Analysis of Crime Concentrations near Transit in Milwaukee, WI. (\$1,000)

Manuscript Peer Reviews

2020 Understanding Crime and Place: A Methods Handbook (Groff and Haberman, 2020, Temple University Press)

Conference Presentations:

2021 Legitimacy, Trust, and Effectiveness: Challenges for Policing in Latin America

American Society of Criminology (ASC)

2021 Trends and Factors Associated with High-Risk Transshipments

American Society of Criminology (ASC)

Environmental Criminology & Crime Analysis (ECCA) Symposium

2021 Regional Assessment of Transnational Crime (Western Hemisphere)

ESRI User Conference

2020 Trust is the Technology

NYAS Tracking Coronavirus Virtual Pitch

2020 The Role of Collaborative Platforms in Supporting Governance

American Society for Public Administration (ASPA)

Public Management Research Association (PMRA)

2020 The Oregon Atlas of Collaboration: Cataloguing State-Connected Collaboratives and Collaborative Platforms

ASPA Digital Conference Experience

2020 A Multilevel Analysis of Police Confidence in Latin America

Criminology Consortium (CrimCon)

2020 A Network Analysis on Central Actors in Global Transshipments

Environmental Criminology & Crime Analysis (ECCA) Symposium

International Institute of Fisheries Economics and Trade (IIFET)

European Society of Criminology (ESC)

Illicit Networks and Trade (Limerick University)

Academy of Criminal Justice Sciences (ACJS)

2020 Spatial Analysis of Burglary and Robbery Near Land Use in Milwaukee

American Society of Criminology (ASC)

European Society of Criminology (ESC)

Academy of Criminal Justice Sciences (ACJS)

2020 Comparative Research on Criminal Justice: Assessing Perception of Police Reliability at the Country and Individual Level of Analysis

American Society of Criminology (ASC)

European Society of Criminology (ESC)

Rutgers University Symposium

Academy of Criminal Justice Sciences (ACJS)

2019 – 2020 Spatial Analysis of Burglary & Robbery Concentrations Near Mass-Transit in Portland, Oregon

American Society of Criminology (ASC)

Academy of Criminal Justice Sciences (ACJS)

Three-Minute Thesis, Portland State University

2018 Obtainable Chemical Products and Forensic Taphonomy

Western Oregon University Excellence Conference

Professional Certifications:

2019 Criminal Justice Information Service (CJIS) Security & Awareness
-Level 4 CJIS Security Test

2019 Law Enforcement Data Systems (LEDS) Training
-Issued by Oregon State Police (OSP)

- 2018 Federal Emergency Management Agency (FEMA)
-ICS 00700: National Incident Management System
-ICS 100: Introduction to Incident Command System
-ICS 200: ICS for Single Resources and Initial Action Incident
- 2018 Collaborative IRB Training Initiative (CITI)
-Human Subjects Research
-Social and Behavioral Responsible Conduct of Research

Memberships and Affiliations:

- 2019 – Current Environmental Criminology and Crime Analysis (ECCA) Member
- 2019 – Current Environmental Systems Research Institute (ESRI) Member
- 2019 – 2020 American Society for Public Administration (ASPA) Member
- 2018 – Current American Society of Criminology (ASC) Member
Communities and Crime Prevention Division Member
Terrorism Division Member
Policing Division Member
- 2018 – Current Academy of Criminal Justice Sciences (ACJS) Member
- 2018 – Current International Association of Chiefs of Police (IACP) Member