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ACADEMIC QUALIFICATIONS

PhD Criminal Justice, Rutgers University-Newark, School of Criminal Justice, **2012**

MA Criminal Justice, John Jay College of Criminal Justice, **2006**

BA Political Science, Hartwick College, **2000** (*minor: French*)

RESEARCH INTERESTS

Quantitative research methods in the social sciences; spatial and temporal patterns of crime and crime mapping; social network analysis; crime science; situational crime prevention; crimes against wildlife; maritime crimes.

PROFESSIONAL EXPERIENCE

2025-present	Executive Officer CUNY Graduate Center <i>Program of Doctoral Studies in Criminal Justice</i>
2025-present	Professor John Jay College of Criminal Justice <i>Department of Criminal Justice; International Crime and Justice Program</i>
2022-2025	Deputy Executive Officer CUNY Graduate Center <i>Program of Doctoral Studies in Criminal Justice</i>
2020-2025	Associate Professor John Jay College of Criminal Justice <i>Department of Criminal Justice; International Crime and Justice Program</i>
2018-2023	Director John Jay College of Criminal Justice <i>Graduate Program in International Crime and Justice</i>
2018-2019	Coordinator John Jay College of Criminal Justice <i>Advanced Certificate in Transnational Organized Crime Studies</i>
2015-present	Faculty Member John Jay College of Criminal Justice <i>Program of Doctoral Studies in Criminal Justice, CUNY Graduate Center</i>
2013-2020	Assistant Professor John Jay College of Criminal Justice <i>Department of Criminal Justice; International Crime and Justice Program</i>

2012-2013	Assistant Professor William Paterson University of New Jersey <i>Department of Sociology, William Paterson University of New Jersey</i>
2007-2012	Adjunct Lecturer Rutgers University-Newark School of Criminal Justice; College of Arts and Sciences, <i>Department of Sociology, Anthropology, and Criminal Justice</i>

RESEARCH GRANTS

CUNY I&E Prototyping Grant (2025), Developing AI-empowered predictive technologies to assess IUU Fishing Risk Across Global Seascapes. *Principal Investigator*. **\$2,000**.

Science for Nature and People Partnership (SNAPP) (2023-2025), Deterring Wildlife Crime. *Co-Leader*. **\$198,000**. *Principal Investigator* <https://collaborations.wcs.org/snappwildlifecrime/>

CUNY Planning Grant Program (2023), CUNY Fights Climate Change: A University Network to Tackle Environmental Crime. *Co-Principal Investigator*. **\$20,000**.

National Science Foundation (2022-2025). Collaborative Research: D-ISN: An Interdisciplinary Approach to the Discovery, Analysis, and Disruption of Wildlife Trafficking Networks. *Principal Investigator*. **\$122,327**.

PEW Charitable Trusts (2020-2021). A Network Analysis of Central Actors in Global Transshipments. *Principal Investigator*. **\$53,425**.

PSC-CUNY Research Award Grant (Traditional B) (2018-2019). A micro-spatial analysis of illegal fishing concentrations in the exclusive economic zones of 19 West African countries. *Principal Investigator*. **\$6,000**.

John Jay College, Office of the Provost (2014-2015). The contribution of illegal fishing to the decline of the albatross. *Principal Investigator*. **\$2,500**.

PSC-CUNY Research Award Grant (Traditional B) (2014-2015). Retaliatory killings of clouded leopards in Indonesia: A situational analysis. *Principal Investigator*. **\$5,895**.

Doctoral Dissertation Grant (2011-2012). Rutgers University Graduate School. **\$20,000**.

Dean's Research Grant (2011-2012). Rutgers University, School of Criminal Justice. **\$1,000**.

AWARDS

- Distinguished Teaching Prize Award Nominee (2024)
- John Jay College Faculty Scholarly Excellence Award (2024) (\$8,000)
- John Jay College Environmental Crime Prevention Partnerships Fellow (2023-2026) (\$9,000)
- John Jay College HEERF Faculty COVID Recovery Award (2022) (\$5,000)
- John Jay College Faculty Scholarly Excellence Award (2021) (\$8,000)
- Office of Advancement of Research Emergency Relief Fund (2021) (\$5,000)
- Office of Advancement of Research Diplomacy Lab Allocation Award (2020) (\$1,500)
- Office of Advancement of Research Faculty Scholarship Program Award (2020) (\$3,105)
- Office of Advancement of Research Book Publication Award (2018) (\$1,000)
- CUNY Book Completion Award (2018) (\$5,000)
- Office of Advancement of Research Special Allocation Award (2017) (\$1,650)
- Office of Advancement of Research Special Allocation Award (2015) (\$1,500)
- Provost's Merit-Based Salary Increase for Junior Faculty (2015)

PUBLICATIONS

BOOK

Bramati, L., van der Steen, M., Haberfeld, M. & **Petrossian, G.A. (2025)**. *The Policing Gap in NATO Operations: Defining the Complexity of Internal Security Architecture*. Springer Briefs in Criminology. ISBN: 978-3-032-11713-7.

Petrossian, G.A. *The Last Fish Swimming: The Global Crime of Illegal Fishing*. (2019). Global Crime and Justice Series. Blumsbury Publishing. Praeger Imprint. ISBN: 9781440830419

PEER-REVIEWED JOURNAL ARTICLES

Riungu, J.[†], **Petrossian, G.A.**, Gondhali, U.^{*}, Sosnowski, M. Lo, T.Y. & Liu, Y.H., (In Press). Crime Script Analysis of Elephant Ivory Trafficking in East Africa. *Crime Science Journal*. [IF: 6.1]

Riungu, J. ^{*}, Sosnowski, M. & **Petrossian, G.A. (2025)**. Profiling Prosecuted Wildlife Crimes in Kenya. *Frontiers in Conservation Science*. <https://doi.org/10.3389/fcsc.2025.1626061> [IF: 1.2]

[†] Graduate Student Author

- Gangi, J. *, **Petrossian, G.A.** & Sosnowski, M. (2025). The Role of Transit Countries in Global Wildlife Trafficking. *Trends in Organized Crime*. <https://doi.org/10.1007/s12117-025-09572-6> [IF: 2.0]
- Tsai, C.H., Fang, M. * & **Petrossian, G.A.** (2025). Netting the Global Workforce: Unraveling the Networks of Laborers on Distant Water Fishing Fleets. *Marine Policy Journal*. <https://doi.org/10.1016/j.marpol.2025.106823> [IF: 4.3]
- Spencer, M.D., Christiansen, E. *, Pires, S.F., Tsai, C.H. *, Gondhali, U* & **Petrossian, G.A.** (2025). Identifying and Explaining the Distribution of Chinese-Affiliated Ports Around the World: A Case Control Design. *Ocean and Coastal Management*. <https://doi.org/10.1016/j.ocecoaman.2025.107819> [IF: 4.8]
- Lambert, H., Elwin, Assou, D., Auliya, M., Harrington, L.A, Hughes, A.C., Moorhouse, T., **Petrossian, G.A.**, Sun, E., Warwick, C., Can, O. & D’Cruze, N. (2025). Chains of commerce: A comprehensive review of animal welfare impacts in the international wildlife trade. *Animals*. <https://doi.org/10.3390/ani15070971> [IF: 3.23]
- Auliya, M., Nijman, V., Altherr, S., Aguilera, T., Tapia Aguilera, W., Ariano-Sánchez, D., Cantu, J., Guiliano, C., Gentile, G., Gerber, G., Grant, T., Henningheim, E., Hughes, A., Knapp, C., Lieberman, S., Malone, C., Pasachnik, S., **Petrossian, G.A.**, Sevilla, C., Sosnowski, M. & Weissgold, B. Trafficking of Galápagos iguanas as an example of a global problem: CITES permits, laundering, and the role of transit countries in Europe and Africa (2025). *Biological Conservation*. <https://doi.org/10.1016/j.biocon.2025.111104> [IF: 5.9]
- von Ferber, J. & **Petrossian, G.A.** (2025). Distinguishing static and dynamic CPTED features in an urban environment. *Deviant Behavior*. <https://doi.org/10.1080/01639625.2025.2464183> [IF: 2.2]
- Chakraborty, S., Roberts, S. *, **Petrossian, G.A.**, Sosnowski, M., Freire, J. & Jacquet, J. (2025). Automated detection reveals heavy traffic of endangered shark trophies in the open web of threatened species. *Biological Conservation*. <https://doi.org/10.1016/j.biocon.2025.110992> [IF: 5.9]
- Pons Hernández, M. & **Petrossian, G.A.** (2025). Using crime script analysis to unveil illegal, unreported, and unregulated (IUU) fishing of European eels. *Marine Policy Journal*. <https://doi.org/10.1016/j.marpol.2024.106569> [IF: 4.3]
- Chiang, H. *, Cohen, N. *, Das, S*, Sosnowski, M. *, & **Petrossian, G.A.** (2024). An empirical assessment of drug trafficking trends from Latin America into the United States: The role of fishing vessels. *Deviant Behavior*. <https://doi.org/10.1080/01639625.2024.2380729> [IF: 2.2]
- Sosnowski, M. *, **Petrossian, G.A.**, Nunphong, T. *, Piza, E. (2024). Crimes at sea: Exploring the nexus of maritime crimes across global EEZs. *Marine Policy Journal*. <https://doi.org/10.1016/j.marpol.2024.106161> [IF: 4.3]

- Petrossian, G.A.**, Pires, S.F., Spencer, M.D. & Cohen, N. * (2024). An empirical assessment of seaports as facilitators of FOC-flagged transshipment landings. *Crime Science Journal*. <https://doi.org/10.1186/s40163-024-00210-0> [IF: 6.1]
- Gondhali, U. *, Merzon, A., Nunphong, T., Lo, T.Y. *, Liu, Y.H. * & **Petrossian, G.A.** (2024). Crime script analysis of the illegal sales of spiny-tailed lizards on YouTube. *Crime Science Journal*. <https://doi.org/10.1186/s40163-024-00206-w> [IF: 6.1]
- Petrossian, G.A.** & Lettieri, J. * (2024). A precautionary tale: Exploring the risks of deep-sea mining. *Marine Policy Journal*. <https://doi.org/10.1016/j.marpol.2024.106073> [IF: 4.31]
- Bichler, G. **Petrossian, G.A.**, Viramontes, K. & Marteache, N. (2024). Detecting communities at high-risk of IUU fishing: Networks of shadow encounters in Area 81 of the Western Central Pacific. *Frontiers in Marine Science*. <https://doi.org/10.3389/fmars.2024.1355481> [IF: 5.25]
- Petrossian, G.A.**, Sosnowski, M. *, Karani, J. *, Nunphong, T. *, Chiang, H. *, D’Cruze, N., & Elwin, A. (2024). A synthesis of wild animal-related trade laws in some of the world’s most biodiverse countries. *Journal of Environmental Management*. <https://doi.org/10.1016/j.jenvman.2024.120141> [IF: 8.70]
- Gondhali, U. * & **Petrossian, G.A.** (2023). Hidden in plain sight: Investigating the illicit trade of medicinal products derived from the spiny-tailed lizard (*Uromastyx* spp.) through the surface web. *Forensic Science International: Animals and Environments*. <https://doi.org/10.1016/j.fsiae.2023.100072> [IF: 2.68]
- Petrossian, G.A.** & van Uhm, D. (2023). Introduction to empirical approaches to wildlife crime prevention. *Frontiers in Conservation Science: Special Issue: Empirical Approaches to Wildlife Crime Prevention*. <https://doi.org/10.3389/fcosc.2023.1215912> [IF: 1.20]
- Pires, S.F., Thomson, R., **Petrossian, G.A.** & Sosnowski, M. * (2023). A social network analysis of large-scale wildlife seizures made at U.S. ports of entry. *Deviant Behavior*, 44(8), 1237-1250. <https://doi.org/10.1080/01639625.2023.2169211> [IF: 1.05]
- Petrossian, G.A.**, Pires, S.F., Sosnowski, M. *, Venu, P. A & Olah, G. (2022). Threats of longline fishing to albatross diversity. *Animals*, 127(7), 887. <https://doi.org/10.3390/ani12070887> [IF: 3.23]
- Petrossian, G.A.**, Barthuly, B. * & Sosnowski, M. * (2022). Identifying central carriers and detecting key communities within the global fish transshipment networks. *Frontiers in Marine Science*, 9(1), 798893 <https://doi.org/10.3389/fmars.2022.798893> [IF: 5.25]

- Sosnowski, M. *, Kim, Y. *, **Petrossian, G.A.** & Asner, M. (2022). Profiling wildlife crimes prosecuted federally by the United States. *Frontiers in Conservation Science: Special Issue: Empirical Approaches to Wildlife Crime Prevention*, 2 (1), 811516
<https://doi.org/10.3389/fcosc.2021.811516> [IF: 1.20]
- Viollaz, J., Thompson, S. * & **Petrossian, G.A.** (2021). When human-wildlife conflict turns deadly: Comparing the situational factors that drive retaliatory leopard killings in South Africa. *Animals*, 2021, 11, 3281. <https://doi.org/10.3390/ani11113281>.
<https://www.mdpi.com/2076-2615/11/11/3281> [IF: 2.75] *Candidate for the Animals 2023 Best Paper Award.*
- Sosnowski, M. * & **Petrossian, G.A.** (2021). Illegal and legal wildlife trade analysis discourse: A response to Natusch et. al. *Conservation Biology*, 35(5), 1689-1691.
<https://doi.org/10.1111/cobi.13830> [IF: 5.41]
- Mir Mohamad Tabar, S.A., **Petrossian, G.A.**, Mazlom Kharasani, M. & Noghani, M. (2021). Market demand, routine activity, and illegal fishing: An empirical test of routine activity theory in Iran. *Deviant Behavior*, 42 (6), 762-776. <https://doi.org/10.1080/01639625.2021.1927885> [IF: 1.05]
- Weekers, D., **Petrossian, G.A.** & Thiault, L. (2021). Illegal fishing and compliance management in Marine Protected Areas: A situational approach. *Crime Science*, 10 (9), 1-14.
<https://doi.org/10.1186/s40163-021-00145-w> [IF: 2.84]
- Petrossian, G.A.**, Sosnowski, M. * & Weis, J (2020). Trends and patterns of imports of legal and illegal live corals into the United States. *Ocean & Coastal Management*, 196 (1), 105605.
<https://doi.org/10.1016/j.ocecoaman.2020.105305> [IF: 3.58]
- Petrossian, G.A.** & Clarke, R.V. (2020). Disaggregating illegal fishing losses for the 22 countries of the west African coast. *Maritime Studies*, 19, 445-455. <https://doi.org/10.1007/s40152-020-00197-9> [IF: 3.40]
- Petrossian, G.A.**, Sosnowski, M. *, Miller, D. & Ahmadirouzbahani, D. * (2020). Flags for sale: An empirical assessment of flag of convenience desirability to foreign vessels. *Marine Policy Journal*, 116, 103937. <https://doi.org/10.1016/j.marpol.2020.103937> [IF: 3.23]
- Sosnowski, M. *, Weis, J. & **Petrossian, G.A.** (2020). Using crime script analysis to understand the illegal harvesting of live corals: Case studies from Indonesia and Fiji. *Journal of Contemporary Criminal Justice*, 36 (3), 384–402. <https://doi.org/10.1177/1043986220910295> [IF: 1.86]
- Sosnowski, M. * & **Petrossian, G.A.** (2020). Luxury fashion wildlife contraband in the United States. *EcoHealth*, 17, 91-110. <https://doi.org/10.1007/s10393-020-01467-y> [IF: 3.39]
- Petrossian, G.A.** (2018). A micro-spatial analysis of opportunities for IUU fishing in 23 Western African countries. *Biological Conservation*, 225, 31-41.
<https://doi.org/10.1016/j.biocon.2018.06.011> [IF: 5.99]

- Petrossian, G.A. & Pezzella, F. (2018).** IUU fishing and seafood fraud: Using crime script analysis to inform intervention. *The Annals of the American Academy of Political and Social Sciences*, 679(1), 121-139. <https://doi.org/10.1177/0002716218784533> [IF: 1.91]
- Scott, J. *, **Petrossian, G.A.**, Mellow, J. & Peterson, B. * (2018). Understanding risky facilities: Analysis of factors associated with jail escapes in four states. *Security Journal*, 31, 805-820. <https://link.springer.com/article/10.1057/s41284-018-0132-7> [IF: 1.67]
- Petrossian, G.A. & Maxfield, M.G. (2018).** An Information Theory approach to hypothesis testing in criminological research. *Crime Science*, 7:2, <https://doi.org/10.1186/s40163-018-0077-5> [IF: 2.84]
- Petrossian, G.A., de By, R. & Clarke, R.V. (2016).** Illegal long-line fishing and albatross extinction risk. *Oryx*, 52(2), 336-345. <https://doi.org/10.1017/S0030605316000818> [IF: 2.70]
- Petrossian, G.A., Pires, S.F. & van Uhm, D.P. (2016).** An overview of seized illegal wildlife entering the United States. *Global Crime*, 17(2), 181-201. <https://doi.org/10.1080/17440572.2016.1152548>
- Marteache, N., Viollaz, J. * & **Petrossian, G.A. (2015).** Factors influencing the choice of a safe haven for offloading illegally caught fish: A comparative analysis of developed and developing economies. *Crime Science*, 4:32. <https://doi.org/10.1186/s40163-015-0045-2> [IF: 2.84]
- Petrossian, G.A. (2015).** Preventing illegal, unreported and unregulated (IUU) fishing: A situational approach. *Biological Conservation*, 189, 39-48. <https://doi.org/10.1016/j.biocon.2014.09.005> [IF: 5.99]
- Petrossian, G.A., Wise, J. & Pires, S.F. (2015).** Factors affecting crab and lobster species subject to IUU fishing. *Ocean and Coastal Management*, 106, 29-34. <https://doi.org/10.1016/j.ocecoaman.2015.01.014> [IF: 3.58]
- Petrossian, G.A., Marteache, N. & Viollaz, J. * (2015).** Where do “undocumented” fish land? The characteristics of ports of convenience for IUU fishing. *European Journal on Criminal Policy and Research*, Special Issue on Wildlife Crimes, 21(3), 337-351. <http://dx.doi.org/10.1007/s10610-014-9267-1> [IF: 1.40]
- Pires, S.F. & **Petrossian, G.A. (2015).** Understanding parrot trafficking between illicit markets in Bolivia: An application of the CRAVED model. *International Journal of Comparative and Applied Criminal Justice*, 40(1), 63-77. <https://doi.org/10.1080/01924036.2015.1028951> [IF: 1.30]
- Petrossian, G.A. & Clarke, R.V. (2014).** Explaining and controlling illegal commercial fishing: An application of the CRAVED theft model. *The British Journal of Criminology*, 54(1), 73-90. <https://www.jstor.org/stable/23640289> [IF: 1.82]

Caplan, J.M., Kennedy, L.W. & **Petrossian, G.A. (2011)**. Police-monitored CCTV cameras in Newark, NJ: A quasi-experimental test of crime deterrence. *Journal of Experimental Criminology*, 7(3), 255-274. <https://doi.org/10.1007/s11292-011-9125-9> [IF: 1.17]

Clarke, R.V., Contre, S. & **Petrossian, G.A. (2010)**. Deterrence and fare evasion: Results of a natural experiment. *Security Journal*, 23, 5-17. <https://doi.org/10.1057/sj.2009.15> [IF: 1.67]

PEER-REVIEWED CONFERENCE PAPERS

Barbosa, J., Gondhali, U. *, **Petrossian, G.A.**, Sharma, K. *, Chakraborty, S., Jacquet, J., & Freire, J. (2025). A Cost-Effective LLM-based Approach to Identify Wildlife Trafficking in Online Marketplaces (Data-Driven Applications). *SIGMOD International Conference on Management of Data*. Proceedings of the ACM on Management of Data, 3(3), 1-23. <https://doi.org/10.1145/3725256> June 22-27, Berlin, Germany.

Sharma, K., Barbosa, J., Roberts, S. *, Gondhali, U. *, **Petrossian, G.A.**, Jacquet, J., Freire, J. & Chakraborty, S. (2025). Descriptive Analysis of Online Wildlife Products Using Vision Language Models. *COMPASS'25: Proceedings of the ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies*. <https://doi.org/10.1145/3715335.3735484> July 22-25, 2025, Toronto, Canada.

BOOK CHAPTERS

Petrossian, G.A., Zabyelina, Y., & Thachuk, K.L. (2022). Organized crime in the fisheries sector. In Y. Zabyelina & K.L. Thachuk (Eds). *The Private Sector and Organized Crime: Criminal Entrepreneurship, Illicit Profits, and Private Sector Security Governance*. Routledge.

Petrossian, G.A. Lettieri, J. * & Clarke, R.V. (2022). Addressing the security issues related to illegal commercial fishing. In M. Gill (Ed). *Handbook of Security*. Palgrave Macmillan, 3rd Edition.

Marteache, N., Sosnowski, M. * & **Petrossian, G.A. (2020)**. A review of responses to IUU fishing around the world through the lens of situational crime prevention. In J. Blaustein, K. Fitz-Gibbon, N.W. Pino & R. White (Eds). *Emerald Handbook of Crime, Justice, and Sustainable Development*. Emerald Publishing.

Van Uhm, D. P., Pires, S.F., Sosnowski, M. * & **Petrossian, G.A. (2019)**. A comparison of seizures of illegal wildlife between the U.S. and the EU. In M. Lynch and S. Pires (Eds). *Quantitative Research in Green and Conservation Criminology*. Routledge.

Petrossian, G.A. & Clarke, R.V. (2019). Illegal commercial fishing. In M. Natarajan (Ed). *International and Transnational Crime and Justice: An Anthology*. Cambridge University Press.

Petrossian, G.A. & Marteache, N. (2018). Environmental criminological perspectives on illegal, unreported, and unregulated fishing. In W. Moreto (Ed). *Wildlife Crime: From Theory to Practice*. Princeton University Press.

Block, S., Clarke, R.V., Maxfield, M.G. & **Petrossian, G.A.** (2011). Estimating the number of vehicles stolen for export using the crime location quotients. In M. Andresen & J. B. Kinney (Eds). *Patterns, Prevention, and Geometry of Crime*, Routledge.

MONOGRAPHS AND RESEARCH REPORTS

Sosnowski, M. & **Petrossian, G.A.** (2025). *A Comprehensive Analysis on the Trade in African Primates*. Pan African Sanctuary Alliance (PASA).

Petrossian, G.A., Sosnowski, M., Spaet, A., Weisselberg, A., Crosta, A., Talerico, C., McGraw, M. & Joseph, A. (2024). *Unraveling the Criminal Processes Behind the Illicit Totoaba Trade Through Crime Script Analysis*. Available at <https://earthleagueinternational.org/wp-content/uploads/2024/11/Unraveling-the-Criminal-Processes-Behind-the-Illicit-Totoaba-Trade-through-Crime-Script-Analysis-1.pdf>

Guillot, S. & **Petrossian, G.A.** (2024). *Final Independent Project Evaluation of the Implementing the Organized Crime Convention: From Theory to Practice*. GLOT 60, Phase II Programme. United Nations Office on Drugs and Crime. Vienna International Centre. [https://www.unodc.org/documents/evaluation/Independent Project Evaluations/2024/Final Evaluation Report GLOT60.pdf](https://www.unodc.org/documents/evaluation/Independent%20Project%20Evaluations/2024/Final%20Evaluation%20Report%20GLOT60.pdf)

Alymbaeva, A. & **Petrossian, G.A.** (2023). *Mid-term Independent Project Evaluation of the Countering Illegal Hazardous Waste Trafficking Through the Container Control Programme*. RAS-19/0027/GLOG80. United Nations Office on Drugs and Crime. Vienna International Centre. [https://www.unodc.org/documents/evaluation/Independent Project Evaluations/2023/Mid-term Evaluation Report RAS190027 GLOG80.pdf](https://www.unodc.org/documents/evaluation/Independent%20Project%20Evaluations/2023/Mid-term%20Evaluation%20Report%20RAS190027%20GLOG80.pdf)

Crosta, A., Talerico, C., Joseph, A., Ungar, M., **Petrossian, G.**, Riungu, J.K. * & Sosnowski, M.* (2023). *Environmental Crime Convergence: Launching an Environmental Crime Convergence Paradigm Through Investigation of Transnational Organized Crime Operations*. <https://earthleagueinternational.org/2023/06/06/environmental-crime-convergence-report/>

Petrossian, G.A., Sosnowski, M. *, Riungu, J.K. *, Chiang, H. * & Nunphong, T. * (2023). *Assessment Report: A Review of Mexico's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Nunphong, T. *, Chiang, H. *, Riungu, J.K. *, Sosnowksi, M. * & **Petrossian, G.A. (2023)**. *Assessment Report: A Review of Indonesia's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Sosnowksi, M. *, Riungu, J.K. *, Nunphong, T. *, Chiang, H. *, & **Petrossian, G.A. (2022)**. *Assessment Report: A Review of Colombia's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Chiang, H. *, Nunphong, T. *, Riungu, J.K. *, Sosnowksi, M. * & **Petrossian, G.A. (2022)**. *Assessment Report: A Review of Australia's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Riungu, J.K. *, Sosnowksi, M. *, Nunphong, T. *, Chiang, H. * & **Petrossian, G.A. (2022)**. *Assessment Report: A Review of Ecuador's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Riungu, J.K. *, **Petrossian, G.A.**, Sosnowksi, M. *, & Chiang, H. * (2022). *Assessment Report: A Review of South Africa's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Chiang, H. *, Riungu, J.K. *, **Petrossian, G.A.** & Sosnowksi, M. * (2022). *Assessment Report: A Review of China's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Sosnowksi, M. *, **Petrossian, G.A.**, Riungu, J.K. * & Chiang, H. * (2022). *Assessment Report: A Review of Brazil's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Riungu, J.K. *, Sosnowksi, M. *, **Petrossian, G.A.**, & Chiang, H. * (2022). *Assessment Report: A Review of India's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Sosnowksi, M. *, **Petrossian, G.A.**, Riungu, J.K. * & Chiang, H. * (2022). *Assessment Report: A Review of Peru's National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Petrossian, G.A., Sosnowksi, M. *, Riungu, J.K. * & Chiang, H. * (2022). *Assessment Report: A Review of the United States National Wildlife Extraction, Management, and Trade Policies*. An Internal World Animal Protection Report.

Petrosian, G.A. & Marteache, N. (2022). *Wilderness Problem-Specific Guide No.3: Illegal Commercial Fishing Within the Exclusive Economic Zones of Coastal Countries*. Center for Problem-Oriented Policing, Arizona State University, Phoenix, AZ. Available at <https://popcenter.asu.edu/content/resources> [Peer-Reviewed]

Méndez Ruiz-Tagle, N., Sosnowski, M.* , **Petrosian, G.A.**, Barthuly, B.* (2021). Reporte de Tráfico Ilegal De 5 Especies del Apéndice I de Cites Emblemáticas Para La Región Amazónica. Organización del Tratado de Cooperación Amazónica – OCTA. https://ora.otca.org/wp-content/uploads/2022/10/ORA_Informe-Tecnico-Trafico-Especies-CITES_jul2022_ESP.pdf

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Stigter, E. & **Petrosian, G.A. (2020).** *Mid-term Independent Project Evaluation of the Fisheries Crime Initiative “FishNET”: A Joint Project Implemented Under the Global Programme for Combatting Wildlife and Forest Crime (GLOZ31) and the Container Control Programme (GLOG80)*. QZA-15/0519. United Nations Office on Drugs and Crime. Vienna International Centre.
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Eck, J., Clarke, R.V. & **Petrosian, G.A. (2013).** *Intelligence analysis for problem solvers*. Office of Community Oriented Policing Services. Washington, DC: US Department of Justice.
<http://www.popcenter.org/library/reading/pdfs/Intell-Analysis-for-ProbSolvers.pdf>

Clarke, R.V. & **Petrosian, G.A. (2013).** *Shoplifting*. 2nd Ed. Problem-Oriented Guides for Police. Office of Community-Oriented Policing Services. Washing, DC: U.S. Department of Justice.
<http://www.popcenter.org/problems/pdfs/Shoplifting.pdf>

Petrosian, G.A. & Clarke, R.V. (2012). *Auto theft for export via land border crossings*. Problem-Oriented Guides for Police. Office of Community-Oriented Policing Services. Washington, DC: U.S. Department of Justice.
http://www.popcenter.org/problems/pdfs/export_stolen_vehicles.pdf

Ward, D. E., Tubman-Carbone, H., Herrschaft, B., **Petrosian, G.A.**, & Block, S. (2009). *How does Prison to Community (P2C) affect recidivism: A summary of quantitative findings*. Rutgers University, Economic Development Research Group.

INVITED PRESENTATIONS

- Panelist at the UNGA 80 Side Event on Transnational Organized Crime: New Threats, New Responses. The Digital Transformation of Wildlife Trafficking: A New Frontier in TOC. John Jay College. New York, NY. (September 25, 2025).

- Panelist at the **UNODC Commission on Crime Prevention and Criminal Justice, 34th Session**. Hybrid Side Event: New and Emerging Forms of Crime: Contributions from Criminology. *The Role of Crime Science in Deterring Crimes Against Wildlife*. Vienna, Austria. (May 22, 2025).
- Trainer at the Jornadas de Cooperación Internacional Sobre el Uso de Datos Para el Análisis y la Investigación Criminal, **Ministerio de Seguridad Nacional de la República Argentina**. (International Cooperation Conference on the Use of Data for Crime Analysis and Investigation. Ministry of National Security of the Republic of Argentina). (May 12-15, 2025).
- Presenter at **UNICRI/UNODC Inter-Agency Task Force on Policing Training for Diplomatic Personnel in Permanent Missions in New York**. *Environmental Crime and Security: An Overview of Key Threats and Security Implications*. New York, NY. (May 8, 2025).
- Presenter at **2025 FBI New York Transnational Organized Crime Eastern Hemisphere (TOC-E) Academic Conference**. *Leveraging Machine Learning to Detect Wildlife Trafficking in Online Marketplaces*. New York, NY. (February 3-4, 2025).
- Panelist/Discussant at the **Wildlife and Environmental Crime Summit**. Homeland Security Investigations, Department of Homeland Security. *Convergence of Nature Crimes*. Crystal City, VA, U.S.A. (September 4-5, 2024).
- Panelist/Discussant at the **United Nations Office on Drugs and Crime International Gender Champions Initiative on “Gendered Dimensions of Crimes that Affect the Environment”**. *Wildlife Crimes and Crimes in the Fisheries Sector*. Vienna, Austria (hybrid event). (February 21-22, 2024).
- Keynote Speaker (online) at **CONGRESO XV CIMFAUNA**. *Deterring Wildlife Crimes*. Universidad del Magdalena, Santa Marta, Colombia. (November 23, 2023).
- Presenter at **The Science for Nature and Partnership Working Group Meeting**. *The E.M.M.I.E. Framework as a Tool to Assess Wildlife Crime Prevention Interventions*. Geneva, Switzerland. (November 6, 2023).
- Presenter at **The Science for Nature and Partnership Working Group Meeting**. *Situational Crime Prevention and Responses Aimed at Preventing IUU Fishing*. Geneva, Switzerland. (November 6, 2023).
- Speaker at the **First International Conference on Wildlife Crime Prevention**. *Crime Science and its Role in Preventing Wildlife Crime*. Lima, Peru. (October 7, 2023).

- Presenter for the **International Visitor Leadership Program of the Department of State. Combating Wildlife Trafficking: A Sub-Regional Project for Comoros and Madagascar.** *How Can Crime Science Help Prevent Wildlife Crime?* New York, NY. (August 7, 2023).
- Speaker at the **Regional Workshop for Central Asia on Combating Illegal Wildlife Trade.** Organized by TRAFFIC and Fauna and Flora International. *Strengthening Law Enforcement Capacity to Counter Illegal Wildlife Trade in Central Asia.* Bishkek, Kyrgyzstan. (July 5, 2023).
- Presenter at the **Crime Science Practitioners' Forum organized by Wildlife Conservation Society.** *Does Deterrence Work in Wildlife Crime Prevention?* New York, NY. (June 26, 2023).
- Webinar Presenter at the **IUU Stakeholder Forum organized by the United Kingdom Department for Environment, Food, and Rural Affairs (Defra).** *Assessing Port Risks for Illegal Fish Landings and Transshipments.* London, United Kingdom. (June 23, 2023).
- Webinar Presenter at the **IUU Stakeholder Forum organized by the United Kingdom Department for Environment, Food and Rural Affairs (Defra).** *Transshipment Networks and Central Carriers Involved in These Networks.* London, United Kingdom. (November 28, 2022).
- Panelist at the **Wildlife Conservation Society side event at the 19th Conference of the Parties to the Convention on the International Trade in Endangered Species (CITES).** *How to Stop Wildlife Traffickers (or how not to): Applying Crime Science to our CWT Strategies.* Panama City, Panama. (November 14, 2022).
- Workshop Presenter (online) at the **Jindal Institute of Behavioral Sciences, Center for Criminology and Forensic Studies.** *Analyzing Organized Crime's Involvement in Wildlife Trafficking Through the Lens of Crime Science.* (May 27, 2022).
- **Center for International Maritime Security.** Sea control podcast on Identifying the Central Carriers Involved in Global Transshipment Events (June 23, 2022). Podcast recording available at <https://sea-control.simplecast.com>, Sea Control 356.
- Keynote Speaker at **#Data4Wildlife Challenge Webinar powered by Bright Tide and funded by National Science Foundation.** *The Need for Data-Driven Solutions to Disrupting Online Wildlife Crime Networks.* (January 30, 2022).
- Guest Speaker (online) at the **International Seminar organized by Seoul National University Graduate School of Public Administration.** *Crime Science and IUU Fishing: Research and Policy.* (December 17, 2021).

- TEDx “Changing World” Speaker (September 24, 2021). TEDx Oneonta, NY. *To Stop a Wildlife Criminal*. Available at <https://www.youtube.com/watch?v=VkfaxSpdi60&t=22s>
- Webinar Presenter at the IUU Stakeholder Forum organized by the United Kingdom Department for Environment, Food and Rural Affairs (Defra). *How will Defra Establish and Ensure that All Ongoing Policy Decisions are Based on the Collection and Analysis of Existing Data to Inform Policy?* (September 14, 2021).
- Presenter for the United Kingdom Department for Environment, Food and Rural Affairs (Defra), External Fisheries Negotiations and Trade Policy, Marine and Fisheries. *The Role of Crime Science in Understanding and Responding to Illegal, Unreported, and Unregulated Fishing*. London, UK. (April 22, 2021).
- Presenter (with Monique Sosnowski**) at the “Reptiles in Fashion: Crime, Contraband, and Conservation” webinar organized by National Lawyers Guild in NYC, Animal Rights Committee. *Luxury Fashion Wildlife Contraband in the USA*. (September 24, 2020).
- Speaker at the Globalization of Fisheries Conference organized by The Royal Netherlands Institute for Sea Research and the Netherlands Institute for the Study of Crime and Law Enforcement. *Where the Action is: A Spatial Analysis of Opportunities for Crime in the EEZs of 23 Countries on the West African Coast*. Texel, Netherlands (February 2-5, 2017).
- Presenter at Wildlife Conservation Society, Bronx, NY (April 23, 2013): Explaining and Controlling Illegal Commercial Fishing.

ACADEMIC CONFERENCE PRESENTATIONS

- The Policing Gap in NATO Operations: Defining the Complexity of Internal Security Architectuure (ASC) Washington DC. 2025 (with Dr. Maria Haberfeld, Luigi Bramati, and Monique Van der Steen, presented by Dr. Maria Haberfeld).
- Unraveling Online Reptile Leather Trade Networks with Machine Learning and Network Analysis (ASC). Washington, DC. 2025 (with Joshua Lang*, Ulhas Gondhali*, Bryan Lieu, Kevin Bernstein, Juliana Barbosa, Juliana Freire, Sunandan Chakraborty, and Kinshuk Sharma*, presented by Joshua Lang*)
- Spatial Analysis of Illegal Fishing Patterns in Highly Regulated Marine Protected Areas (ASC). Washington, DC. 2025 (with. Chi-Heng Tsai*).
- Slippery Business: Investigating Glass Eel Trafficking Networks Through Crime Script Analysis (ASC). Washington, DC. 2025. (with Dr. Mònica Pons-Hernández, and Dr. Nerea Marteache, presented by Dr. Mònica Pons-Hernández).

- Developing Typologies of Online Sellers of Potentially Illegal Animal Leather Products Using Latent Class Analysis (ASC). Washington, DC. **2025**. (with Ulhas Gondhali*, Yuna Kim*, Joshua Lang*, Gabriel Riskevich, Juliana Barbosa, Juliana Freire, Sunandan Chakraborty, Kinshuk Sharma*).
- An Exploratory Study on Chinese-Affiliated Ports Around the World. (ASC) Washington DC. **2025** (with Dr. Dylan Spencer, Emilie Chistiansen*, Dr. Stephen Pires, Chi-Heng Tsai*, and Ulhas Gondhali*).
- The Policing Gap in NATO Operations. (ESC) Athens, Greece. **2025** (with Dr. Maria Haberfeld, Luigi Bramati, and Monique Van der Steen, presented by Dr. Maria Haberfeld).
- Applying Crime Script Analysis to Eel Trafficking: Examining Smuggling Networks and Enforcement Challenges. (ESC). Athens, Greece. **2025**. (with Dr. Mònica Pons-Hernández, presented by Dr. Mònica Pons-Hernández).
- Using Latent Class Analysis to Develop Typologies of Online Sellers of Potentially Illegal Animal Leather Products. (ESC). Athens, Greece. **2025**. (with Ulhas Gondhali*, Yuna Kim*, Joshua Lang*, Gabriel Riskevich, Juliana Barbosa, Juliana Freire, Sunandan Chakraborty, Kinshuk Sharma, presented by Ulhas Gondhali*)
- Unraveling Online Reptile Leather Trade Networks with Machine Learning and Network Analysis. (ESC). Athens, Greece. **2025** (with Joshua Lang*, Ulhas Gondhali*, Bryan Lieu, Kevin Bernstein, Juliana Barbosa, Juliana Freire, Sunandan Chakraborty, and Kinshuk Sharma*, presented by Joshua Lang*)
- Predicting Dark Vessel Fishing off West Africa: A Micro-Spatial Approach. (SCJA). Charleston, SC. **2025** (with Stephen Pires, Ph.D., Dylan Spencer, Ph.D., Emilie Christiansen*, and Ulhas Gondhali*, presented by Dr. Stephen Pires).
- Unveiling the Risks: Crime Script Analysis of Forced Labor in the Distant-Water Fishing Industry. (ACJS), Denver, CO. **2025** (with Chi Heng Tsai*, Mo Siao Fang*, presented by Chi Heng Tsai*).
- A Comparative Modeling Study of Potential IUU Fishing off the Coast of West Africa. (ASC), San Francisco, CA. **2024** (with Stephen Pires, M. Dylan Spencer, Emilie Christiansen*, and Ulhas Gondhali*, presented by Dr. M. Dylan Spencer).
- Shadow Encounters: Detecting Communities at High-Risk of IUU Fishing. (ASC), San Francisco, CA. **2024** (with Kierston Viramontes and Gisela Bichler, presented by Ms. Kierston Viramontes).

- Developing Typologies of Online (Potentially) Illegal Wildlife Product Sellers. (ASC). San Francisco, CA. **2024** (with Ulhas Gondhali*, Joshua Lang*, Juliana Barbosa, Juliana Freire, Sunandan Chakraborti, Kinshuk Sharma*, Jennifer Jacquet, Spencer Roberts*. Poster presented by Ulhas Gondhali*).
- Using Crime Script Analysis to Unveil IUU Fishing of European Glass Eels. (ESC). Bucharest, Romania. **2024** (with. Dr. Mònica Ponz-Hernández, presented by Dr. Mònica Ponz-Hernández).
- Crime Script Analysis of the Illegal Sales of Spiny-Tailed Lizards on YouTube. (ECCA). Yerevan, Armenia. **2024** (presented by Ulhas Gondhali*).
- IUU fishing: Detecting High-Risk Transshipment Communities. (WSC). Long Beach, CA. **2024** (with Dr. Gisela Bichler & Nerea Marteache. Presented by Dr. Gisela Bichler).
- Organized Crime in the Fisheries Sector. (ASC). Philadelphia, PA. **2023**.
- Exploring the Role of Fishing Vessels as Drug Suppliers from Latin America into the United States (ASC), Philadelphia, PA. 2023 (poster presentation with Dr. Monique Sosnowski, Ho-Tu Chiang*, Noah Cohen*, Sumita Das*).
- Terrorism and Wildlife Conservation: Profiling Scenarios and Reporting (ASC). Philadelphia, PA. 2023 (with Dr. Monique Sosnowski, Jim Karani Riungu*, presented by Dr. Monique Sosnowski).
- An Empirical Assessment of Seaports as Facilitators of FOC-Flagged Transshipment Landings. (ASC) Philadelphia, PA. **2023** (with Dr. Stephen Pires, Dr. M. Dylan Spencer, Noah Cohen**, Samiel Zack).
- Automated Detection of Potentially Illegal and Endangered Species for Sale Online. International Symposium on Environmental Criminology and Crime Analysis. Stockholm, Sweden. **2023** (with. Dr. Sunandan Chakraborty, Dr. Juliana Frere, Dr. Jennifer Jacquet, Dr. Monique Sosnowski).
- The Online Trade of Potentially Illegal and Endangered Species. GMU-NSF Conference on Disrupting Operations of Illicit Supply Networks, Arlington, VA. **2023** (poster presentation with Dr. Sunandan Chakraborty (Indiana University) & Monique Sosnowski*).
- Shadow Encounters in Area 81: Detecting Communities of IUU Fishing. (WSC), Vancouver, Canada. **2023** (with Dr. Gisela Bichler and Dr. Nerea Marteache, presented by Dr. Gisela Bichler).
- Trends and Factors Associated with High-Risk Transshipments. (WSC), Vancouver, Canada. **2023** (with Bryce Barthuly*, Monique Sosnowski*, presented by Bryce Barthuly).

- Risky Encounters: Networks of Interactions of Carrier and Fishing Vessels Involved in High-Risk Transshipments. (ASC), Atlanta, GA, **2022** (with Dr. Gisela Bichler and Dr. Nerea Marteache).
- Detecting Key Communities within the Global Fish Transshipment Networks. (ASC), Atlanta, GA, **2022** (with Bryce Barthuly*, Monique Sosnowski*, presented by Bryce Barthuly).
- Profiling Wildlife Crimes Prosecuted in Kenya. (ASC), Atlanta, GA, **2022** (with Monique Sosnowski*, Jim Karani Riungu*, presented by Jim Karani Riungu*).
- Profiling Wildlife Crimes Prosecuted Federally by the United States. (ASC), Atlanta, GA, **2022** (with Monique Sosnowski*, Yuna Kim*, Markus Asner, presented by Monique Sosnowski*).
- Hidden in Plain Sight: Investigating the Illicit Trade of Medicinal Products Derived from the Spiny-tailed Lizard (*Uromastix* spp.) through the Surface Web. European Congress of Conservation Biology, Prague, Poland. **2022** (with Ulhas Gondhali*; presented by Ulhas Gondhali*).
- A Review of Responses to IUU Fishing Around the World Through the Lens of Situational Crime Prevention. (ASC), San Francisco, CA. **2019** (with Dr. Nerea Marteache, and Monique Sosnowski*; presented by Monique Sosnowski).
- Wildlife Trafficking into the United States: A Network Analysis. (ASC), San Francisco, CA. **2019** (with Dr. Stephen F. Pires, Monique Sosnowski*, and Dr. Ryan Thomson; presented by Dr. Ryan Thomson).
- Comparing and Contrasting Wildlife Seizures Made at EU and US Entry Ports. (ASC), Atlanta, GA **2018** (with Dr. Stephen F. Pires, Dr. Daan van Uhm, and Monique Sosnowski*; presented by Monique Sosnowski*).
- Flags for Sale: An Analysis of Factors Influencing Fishers' Flag of Convenience Choice. The 27th International Symposium on Environmental Criminology and Crime Analysis (ECCA), Elche, Spain, **2018** (with Dr. Dana Miller, Monique Sosnowski* & Diba Ahmadirouzbahani*).
- The Illegal Trade in Live Corals to the United States. The 5th International Marine Conservation Congress, Sarawak, Malaysia. **2018** (with Monique Sosnowski*. Presented by Dr. Judith Weis).
- Illegal, Unreported, and Unregulated Fishing: How do Blacklisted Vessels Select the Country to Offload their Catch? (ASC), New Orleans, LA. **2016** (presented by Dr. Nerea Marteache).

- Understanding Risky Facilities: Analysis of Factors Associated with Jail Escapes in Four States. (ASC), New Orleans, LA. **2016** (with Dr. Jeff Mellow, Jacqueline Scott*, Bryce E. Peterson. Presented by Jacqueline Scott*).
- Parsimony and Place: Information Theory, Ordinary Business and Robbery. The 25th International Symposium on Environmental Criminology and Crime Analysis (ECCA), Munster, Germany, **2016** (with Dr. Mike Maxfield).
- The Role of Illegal Fishing in Albatross Extinction Risk. The 25th International Symposium on Environmental Criminology and Crime Analysis (ECCA), Munster, Germany, **2016** (presented by Dr. Ronald V. Clarke).
- Situational Prevention of Illegal, Unreported and Unregulated Fishing. Stockholm Criminology Symposium, Stockholm, Sweden, **2015**
- The Decision to Offload Illegally Caught Fish: What Country Characteristics Matter? Stockholm Criminology Symposium, Stockholm, Sweden. **2015** (presented by Dr. Nerea Marteache)
- A Metric for Helping Overweight Models Slim Down. John Jay College of Criminal Justice, Department of Criminal Justice, New York, **2015**.
- Ports of Convenience as Crime Enablers: The Case of Illegal Fishing. (Presented by Dr. Nerea Marteache and Julie Viollaz). The 23rd International Symposium on Environmental Criminology and Crime Analysis (ECCA), Kerkrade, Netherlands, **2014**.
- Explaining and Controlling Illegal Commercial Fishing: An Application of the CRAVED Theft Model. Presented at the 22nd International Symposium on Environmental Criminology and Crime Analysis (ECCA), Temple University, Philadelphia, PA, **2013**.
- Which Fish are Most Sought by Illegal Commercial Fishers and Why? Presented at the Wildlife Crime Symposium, Rutgers School of Criminal Justice. Newark, NJ, **2013**.
- Using GIS to Understand the Global Hot- and Cold-Sports of Illegal Wildlife Trafficking. Presented at American Society of Criminology, Chicago, IL, **2012**.
- Using GIS to Examine Situational Predictors of Illegal Fishing Activities Carried Out Globally. Presented at American Society of Criminology, Chicago, IL, **2012**.
- Identifying Situational Factors that Influence an Offender's Decision to Engage in Illegal Fishing Activities: An Examination in 54 Countries. Presented at American Society of Criminology, Washington, DC, **2011**.

- Deterrence and Fare Evasion: Results of a Natural Experiment. Presented by Dr. Ronald V. Clarke at the 17th International Symposium on Environmental Criminology and Crime Analysis (ECCA), Anchorage, Alaska, 2008.

WORKS IN PROGRESS

PEER-REVIEWED JOURNAL ARTICLES

Petrossian, G.A., Lang, J. *, von Ferber, J., Lieu, B., Bernstein, K., Gondhali, U. *, Barbosa, J., Chakraborti, S., Sharma, K. * & Freire, J. Scaling the Web: Unraveling Online Reptile Leather Trade Networks with Machine Learning and Network Analysis. (Biological Conservation. *Revise & Resubmit*). [IF: 5.9]

Lambert, H., Elwin, Assou, D., Auliya, M., Harrington, L.A, Hughes, A.C., Mookerjee, A., Moorhouse, T., **Petrossian, G.A.**, Sun, E., Warwick, C., Can, O. & D’Cruze, N. (2025). Minds Over Matter: Addressing the Negative Impacts of the International Commercial Wildlife Trade on Animal Well-Being. (Applied Animal Behaviour Science. *Under Review*). [IF: 2.0]

Petrossian, G.A., Gondhali, U. *, Kim, Y. *, Riskevich, G., Lang, J. *, Barbosa, J. Chakraborti, S., Sharma, K. * & Freire, J. Using Latent Class Analysis to Develop a Typology of Sellers of Potentially Illicit Animal Leather Products. (Conservation Biology. *Under Review*). [IF: 5.2]

Pons Hernández, M., **Petrossian. G.A.** & Marteache, N. Glass Eel Smuggling: Integrating Crime Convergence into Crime Script Analysis. (The British Journal of Criminology. *Under Review*). [IF: 2.1]

Sosnowski, M., Welch, M. & **Petrossian, G.A.** Unveiling the Conservation-Terrorism Nexus -A Critical Literature Review (Biological Conservation: *Revise & Resubmit*). [IF: 5.9]

Pires, S.F., Spencer, M.D., **Petrossian, G.A.**, Christiansen, E., & Gondhali, U*. Mapping IUU Fishing Risk in West Africa: A Crime Science Approach Using AIS Disabling Data. (Marine Policy: *Revise & Resubmit*). [IF: 4.3]

Tsai, C.H. & **Petrossian, G.A.** Using Crime Script Analysis to Uncover Forced Labor on Distant-Water Fishing Vessels. (Trends in Organized Crime: *Under Review*) [IF: 2.0]

Skerritt, D., Kasana, D., Miller, D.D., **Petrossian, G.A.**, Campling, L., Acker, J. & Sumaila, R. Leveraging Service Providers for Effective Fisheries Governance. (npj Ocean Sustainability: *Under Review*). [IF: 1.9]

Dias Costa, A., **Petrossian, G.A.** & dos Santos Felipe, I.J. Governance, Target, and Place: Rational Determinants of Illegal Mining in the Brazilian Caatinga. (*Writing*).

Tsai, C.H. & **Petrossian, G.A.** Global Patterns of Fishing Activity in No-Take Marine Protected Areas: Insights from Spatial Analyses. (*Writing*).

Nunphong, T., **Petrossian, G.A.** & Spencer, M.D. The Growing Threat of Wildlife Crime to Biodiversity. (*Literature Review*).

COURSES TAUGHT

JOHN JAY COLLEGE OF CRIMINAL JUSTICE

Graduate Courses:

- Crime Mapping (*Ph.D. course*)
- Quantitative Methods in Criminal Justice (I & II) (*Ph.D. course*)
- Survey of Research Methods in Criminal Justice (I & II) (*Ph.D. course*)
- Criminology and Public Policy (*Ph.D. course*)
- Computer Applications in Criminal Justice
- Environmental Crime
- International Crime and Justice Theory
- Applied Research Methods in International Crime and Justice (Online)
- Using Computers in Social Research (online)
- Research Design and Methods (online)
- Crime Mapping (online)

Undergraduate Courses:

- The Idea of the Common Good Across Disciplines: *Crimes Against Wildlife* (*Honors course*)
- Research Methods in Criminal Justice
- Research Methods and Statistics for Criminal Justice
- Foundations of Scholarship in International Criminal Justice
- Understanding Criminal Behavior
- Special Topics: Environmental Criminology
- Introduction to Major Problems in Criminal Justice (I & II)
- Special Topics: Crimes Against Wildlife
- Wildlife Crime: Issues and Prevention
- Capstone Seminar in International Crime and Justice

WILLIAM PATERSON UNIVERSITY

Undergraduate Courses:

- Essentials of Criminal Justice
- Elementary Social Statistics

- Quantitative Research Methods
- Comparative Criminal Justice Systems (online)

RUTGERS UNIVERSITY-NEWARK, SCHOOL OF CRIMINAL JUSTICE

Undergraduate Courses:

- Crime Analysis
- Criminal Justice Research Methods
- Introduction to Criminal Justice
- Criminology
- Data Analysis
- Organized Crime
- Wildlife Crime

RUTGERS UNIVERSITY-NEWARK, COLLEGE OF ARTS AND SCIENCES

Undergraduate Courses:

- Social Research I (Research Methods)
- Social Research II (Statistics)
- Law & Society

DISSERTATION AND MASTERS THESIS SUPERVISION

CHAIR

Doctoral Dissertations

- Jim Karani Riungu: A Crime Science Approach to Understanding Elephant-Related Crimes in Kenya. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Nasser AlSabah, ABD: The Trajectory of Police Cadets in Kuwait: Examining Training, Readiness, Culture, and Emotional Intelligence. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Jinuk Jeong, ABD: Multilevel Analyses of the Gentrification-Crime relationship in New York City: From the Perspectives of Criminal Opportunity, Social Disorganization, and Relative Deprivation Theories. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Kenneth Quick, Ph.D.: Chipping the Blue Wall: Assessing the Effect of Service Dogs on Police Officer Receptivity to Mental Health Support. PhD Dissertation. CUNY - John Jay College of Criminal Justice. **April, 2024**.

- Andre Dias Costa, Ph.D.: For a Greener Brazil: A Risk Assessment Model Proposal for Illegal Mining in the Brazilian Caatinga. (Co-Chair). PhD Dissertation. Universidade Federal do Rio Grande do Norte, Centro de Ciências Sociais Aplicadas, Programa de Pós-Graduação em Administração, Brazil. **December, 2023**.
- Monique Sosnowski, Ph.D.: Evaluating the Application of Situational Crime Prevention to Wildlife Security in South Africa. PhD Dissertation. CUNY - John Jay College of Criminal Justice. **April, 2023**.
- Julia von Ferber, Ph.D.: CPTED and Privately-Owned Properties. PhD Dissertation. CUNY - John Jay College of Criminal Justice. **June, 2022**.
- Victor St John, Ph.D.: The Guardian: Routine Activity Theory and Predictors of Victimization in Correctional Facilities. PhD Dissertation. CUNY - John Jay College of Criminal Justice. **May, 2021**.

MA Theses

- Joseph Gangji: The Role of Transit Countries in Facilitating Wildlife Trafficking Globally. MA Thesis. John Jay College of Criminal Justice. **May, 2024**.
- Yuna Kim: Weather and Its Effect on Crime. MA Thesis. John Jay College of Criminal Justice, **August, 2021**.
- Dwi Adhiasto: Understanding and Preventing Illegal Tiger Trade in Leuser Landscape, Indonesia. MA Thesis. John Jay College of Criminal Justice. **December, 2015**.
- Avi Kramarczyk: Understanding the Nature of Abandoned Buildings in Paterson, NJ: A Spatial Analysis. MA Thesis. William Paterson University of New Jersey. **December, 2012**.

COMMITTEE MEMBER

- Noreen Ali: Institutional Betrayal: The Prevalence and Reporting of Child Sexual Abuse in Youth-Serving Organizations. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Justice Evans: Evaluating the Impact of New York City's B Heard Program: A Mixed-Methods Approach. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.

- Jisoo Cho: Facilities and Crime in New York City Streets: A Latent Profile Analysis Approach. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Shun Qiang Feng: Fugitives in the United States. An Examination of Offender “Journey to Crime” and “Journey After Crime”. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Joshua Lang, ABD: Temperament Theory and Its Application to Adolescent Offending Behavior. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Pugliese, Katheryne, ABD: Understanding the Multi-Level Impact of Harm-Reduction Programs on Neighborhood Disorder and Experiences of People Who Use Drugs (PWUD). PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Bryce Barthuly, ABD: A Space Syntax Analysis of Homicides in Santa Fe, Argentina: Explanations for Crime Patterns at Micro-Places. PhD Dissertation. CUNY - John Jay College of Criminal Justice. In Progress.
- Yu-Hsuan, Liu, Ph.D.: Google Searches and Crime Statistics-Motor-Vehicle Theft in American Cities. PhD Dissertation. CUNY - John Jay College of Criminal Justice. July, 2024.
- Seán Marriott, Ph.D.: Non-force Enforcement of Fisheries: The Evolution of Legal Mechanisms for Achieving Compliance in National and International Fisheries. PhD Dissertation. University of Lincoln, College of Social Science, United Kingdom. December, 2023.
- Amanda L. Thomas, Ph.D.: Evaluating the Effect of CCTV on Crime Occurrence and Case Clearances in Fayetteville, NC: A Microsynthetic Control Quasi-Experiment. PhD Dissertation. CUNY - John Jay College of Criminal Justice. June, 2023.
- John F. Hussey, Ph.D.: A Study of Police Officers with Military Service Backgrounds Compared to Police Officers without Military Service: Can Military Veterans Interact and Properly Engage the Public? PhD Dissertation. CUNY - John Jay College of Criminal Justice. May, 2020.
- Julie Viollaz, Ph.D.: Retaliatory Killings of Leopards in Africa: A Situational Analysis. PhD Dissertation. CUNY - John Jay College of Criminal Justice. September, 2013.

RESEARCH MENTOR

- Ulhas Gondhali: *Mapping Illegal Small Leather Trade on Ebay*. CRJ Doctoral Program Exam 2. (Pending). Role: Faculty Mentor.
- Nasser AlSabah: *Leadership Styles and Perceptions in Policing: Evidence from Kuwait's Police Stations*. CRJ Doctoral Program Exam 2. November, 2024. Role: Faculty Mentor.
- Jim Karani Riungu: *Spatio-Temporal Patterns of Forest Crime in Kenya*. CRJ Doctoral Program Exam 2. November, 2024. Role: Faculty Mentor.
- Justice Evans: *New York [Surveillance] City: A Geospatial Analysis of CCTVs from a Racial Threat Perspective*. CRJ Doctoral Program Exam 2. January, 2024. Role: Faculty Mentor.
- Rachael Arietti: *Do Real-Time Crime Centers Improve Case Clearance? An Examination of Chicago's Strategic Decision Support Senters*. CRJ Doctoral Program Exam 2. December, 2023. Role: Faculty Mentor
- Egra Muhammad: *CUNY BA for Unique and Interdisciplinary Studies Area of Concentration*. Faculty Mentor for Unique Area of Concentration: Environmental Justice. *May, 2022*.
- Jasmine Awad: *Orange is the New Black: Analysis of Media Representation of Prison Resources*. BA Honors Thesis. John Jay College of Criminal Justice, *May, 2019*.
- Danyell James: *Illegal Trafficking of Wildlife into the United States from Malaysia*. BA Thesis. John Jay College of Criminal Justice. *May, 2019*.
- Daniel Howell: *How Effective are Drug Treatment Programs at Reducing Future Drug Related and Violent Crimes?* BA Thesis. John Jay College of Criminal Justice. *May, 2019*.
- Dennis Wu: *Illegal Ivory Trade*. BA Thesis. John Jay College of Criminal Justice. *May, 2019*.
- Sahira Asia: *Linked Lives: Saving the Vaquita and the Totoaba*. BA Honors Thesis. John Jay College of Criminal Justice, *May, 2017*.
- Jacob Kleinberg: *The Totoaba*. BA Honors Thesis. John Jay College of Criminal Justice, *May, 2017*.
- Laura Urbina: *Saving the Vaquita from Imminent Extinction: A Fight for Social Justice and Species Conservation*. BA Honors Thesis. John Jay College of Criminal Justice, *May, 2017*.

- Elvia Gallardo: Wildlife Products in Jewelry Trade. **BA Thesis**. John Jay College of Criminal Justice. *May, 2016*.
- Antonio Del Valle: United We Stand, Divided We Fall: The Spread of Corruption from Modern Capitalism. **BA Honors Thesis**. Rutgers, The State University of New Jersey, School of Criminal Justice. *May, 2012*.

SERVICE

To John Jay College of Criminal Justice (college-wide)

February, 2025	Organizer of the John Jay College Community Event, the screening of the <i>Rhino Man</i> movie on February 11 th (sponsored by John Jay College of Criminal Justice, Office of Advancement of Research)
June, 2024	Organizer of the Environmental Criminology and Crime Analysis Conference in Yerevan, Armenia (co-sponsored by John Jay College of Criminal Justice, Office of Advancement of Research)
November, 2024	Panelist at Practical, Inclusive Teaching Series: Early Days in Online Courses: Signaling the Road to Student Success
Fall, 2023 – Spring, 2025	College Curriculum Committee Member
February, 2023; May, 2023	Hybrid and Online Teaching Workshop Facilitator
Fall, 2022 - Spring, 2023	Committee on Graduate Studies, Curriculum Subcommittee Member
May, 2022	Hybrid and Online Teaching Workshop Facilitator
Spring, 2022	Panel Moderator at the 2 nd Annual Graduate Research Symposium
Fall, 2021- Spring, 2022	International Criminal Justice BA and International Crime and Justice MA Program Faculty Search Committee Co-Chair
Spring, 2021	Panel Moderator at the 1 st Annual Graduate Research Symposium

Spring, 2021	Panelist/Presenter at the “Climate Change, Environmental Justice, and Sustainability” Spring 2021 Teaching and Learning Center Open Conversation Series on the topic “Teaching Environmental and Wildlife Crime”
Spring, 2021-Spring, 2022	Undergraduate Student Travel Committee
Fall, 2020	Faculty Associate to the Dean of Graduate Studies Candidate Review Committee
May, 2020-Aug, 2020	Effective Practices in Online Teaching Workshop Facilitator
August, 2020	Faculty Development Day Workshop Presenter
Fall, 2017 - Spring, 2019	College Curriculum Committee Member
Fall, 2015	Strategic Planning and Implementation Committee for Goal 1: Provide Every Student with the Foundations for Life-Long Success
January, 2015	Faculty Development Day Workshop Developer and Presenter
August, 2014	Presenter at the New Faculty Orientation Day

To John Jay College of Criminal Justice (program-specific)

Criminal Justice Doctoral Program

September, 2023- <i>present</i> September, 2015 – May, 2017	Diversity Committee Member
September, 2022- <i>present</i> January, 2020-May, 2020 September, 2017-May, 2018	Awards Committee Member
September, 2015- <i>present</i>	Admissions Committee Member
Fall, 2016- <i>present</i>	Comprehensive Exam Grader

Department of Criminal Justice

Fall, 2023	Department of Criminal Justice Faculty Search Committee Member
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Fall, 2022	Department of Criminal Justice Faculty Search Committee Member
Fall, 2017 – Spring, 2021	Curriculum Committee Member
Fall, 2015- <i>present</i>	Committee on Student Grade Appeals
<i>Master of Arts in International Crime and Justice Program</i>	
Fall, 2024 - <i>present</i>	Curriculum Committee Member
Fall, 2023 – Spring, 2024	Admissions Committee Member
Fall, 2021-Fall, 2022	International Crime and Justice MA Program Self-Evaluation Committee Chair
Summer, 2018- May, 2023	International Crime and Justice MA Program Curriculum Committee Member
Spring, 2017- <i>present</i>	International Crime and Justice MA Program Admissions Committee Member

To the Advancement of the Academic Profession

JOURNAL MANUSCRIPT REVIEWER

Animals (2021); Animal Conservation (2020); Aquaculture & Fisheries (2019); Biological Conservation (2021; 2025); Center for Problem-Oriented Policing (2019); Conservation Biology (2022; 2023; 2025); Conservation Letters (2020; 2021; 2022; 2024); Conservation Science and Practice (2020; 2024); Criminal Justice Studies (2018); Crime Science (2020; 2021); Critical Criminology (2019); Deviant Behavior (2024; 2025); European Journal on Criminal Policy and Research (2014); Fish & Fisheries (2019; 2020); Frontiers in Marine Science: Marine Fisheries, Aquaculture and Living Resources (2018; 2021); Global Ecology & Conservation (2019; 2025); International Journal of Comparative and Applied Criminal Justice (2014); Journal of Human Security (2019); Journal of Illicit Economies and Development (2021); Journal of Research in Crime and Delinquency (2015; 2017); Marine Policy Journal (2019; 2020; 2022; 2023; 2024; 2025); Ocean and Coastal Management (2016); Oryx (2016; 2022); Oxford Research Encyclopedia of Criminology and Criminal Justice (2017); Oxford Bibliographies (2020) People and Nature (2020); PLOS ONE (2017); Regional Studies in Marine Science (2023) Science Advances (2024); Sustainability (2015); The European Review of Organized Crime (2016) Trends in Organized Crime (2017; 2025).

FEDERAL GRANT PROPOSAL REVIEWER

2021	National Science Foundation
2020	National Science Foundation

GUEST ASSOCIATE EDITOR

Spring, 2024	Frontiers in Marine Science: Marine Affairs and Policy. Research Topic: <i>Integration of Spatial Justice into Navigating the Combat on Illegal, Unreported and Unregulated (IUU) Fishing in Ocean and Coastal Areas</i>
Fall, 2020- 2022	Frontiers in Conservation Science: Human-Wildlife Dynamics. Special Topic: <i>Empirical Approaches to Wildlife Crime Prevention.</i> (with Co-associate-editor Dr. Daan van Uhm)

CONSULTING WORK

July, 2025 –	Wildlife Conservation Society <u>Bogotá, Colombia</u> <i>Crime Science expert for the “Developing a Multisectoral Response to Reduce Mercury Pollution from Artisanal and Small-Scale Gold Mining in the Putomayo-Iça Basin”</i>
September, 2025-	United Nations Office on Drugs and Crime (UNODC) Fisheries Crime Initiative “FishNET”-Phase II <u>Vienna, Austria</u> <i>Substantive Expert on Fisheries Crime</i>
Apr, 2025 –	Wildlife Conservation Society <u>La Paz, Bolivia</u> <i>Crime Scientist for the “Developing a Case Study on Jaguar Trafficking in Bolivia” project</i>
Mar, 2024 – Mar, 2025	Wildlife Conservation Society <u>Lima, Peru</u> <i>Environmental Crime Scientist for the “Addressing Artisanal and Small-Scale Gold Mining (ASGM) in the Amazon” project</i>

Mar, 2024 – Dec, 2024	The Pan African Sanctuary Alliance <u>Beaverton, OR, USA</u> <i>Research/GIS Mapping Consultant</i>
July, 2024 – April, 2025	Innovative Compliance <u>Kiel, Germany</u> <i>Fisheries Crime Expert for the “Study on Flag State Responsibilities and “Open Registers” for Vessels Registration” for the European Climate, Infrastructure and Environment Executive Agency (CINEA)</i>
Feb, 2024 – July, 2024	United Nations Office on Drugs and Crime (UNODC) <u>Vienna, Austria</u> <i>Substantive Expert for the Global Programme “Implementing the Organized Crime Convention: From Theory to Practice”</i>
Mar, 2023 – Aug, 2023	United Nations Office on Drugs and Crime (UNODC) <u>Vienna, Austria</u> <i>Substantive Expert on Hazardous Waste Trafficking</i>
Oct, 2022 – Oct, 2023	Fauna and Flora International <u>Cambridge, UK</u> <i>Wildlife Crime Prevention Training Course Developer</i>
Sep, 2022 – Sep, 2023	S.P.E.C.I.E.S. <u>Ventura, CA, USA</u> <i>Research/GIS Mapping Consultant</i>
Sep, 2022 – May, 2023	Earth League International <u>Los Angeles, CA, USA</u> <i>Research /GIS Mapping Consultant (pro bono)</i>
Jun, 2022 – Aug, 2022	Amazon Cooperation Treaty Organization <u>Brasília, Brazil</u> <i>GIS/Mapping Consultant</i>
May, 2022 – Aug, 2022	Wildlife Conservation Society <u>New York, NY, USA</u> <i>Wildlife Crime Training Course Developer</i>
Dec, 2021 – Dec, 2023	World Animal Protection <u>London, UK</u> <i>Research Consultant</i>

Jun, 2021 – Jul, 2021	Amazon Cooperation Treaty Organization <u>Brasília, Brazil</u> <i>GIS Mapping Consultant</i>
Feb, 2021 – May, 2021	Bloomfield College, Division of Social and Behavioral Science <u>Bloomfield, NJ, USA</u> <i>Academic Program Evaluation Consultant</i>
Oct, 2019 – Mar, 2020	United Nations Office on Drugs and Crime (UNODC) Fisheries Crime Initiative “FishNET” – Phase I <u>Vienna, Austria</u> <i>Substantive Expert on Fisheries Crime</i>
Sep, 2010 – Sep, 2013	The Newark Public Schools, Office of Innovation and Change <u>Newark, NJ, USA</u> <i>GIS Mapping Consultant</i>

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

September, 2025 – <i>present</i>	Member Global Initiative against Transnational Organized Crime Profile: https://globalinitiative.net/profile/dr-gohar-petrossian/
November, 2024 – <i>present</i>	Reserve Member of Ethical Research Board NATO Stability Policing Centre of Excellence
June, 2023 - <i>present</i>	Board of Trustees Member Wildlife Investigators Training Alliance
October, 2023 - <i>present</i>	Editorial Board Member International Journal of Comparative and Applied Criminal Justice
July, 2021 - <i>present</i>	Editorial Board Member Frontiers Journal
July, 2021 - <i>present</i>	Co-Editor POP Guides on Wilderness Problems Center for Problem-Oriented Policing, Wilderness Problems
October, 2020 - <i>present</i>	Member International Association of Crime Analysts
July, 2019 - <i>present</i>	Advisory Board Member John Jay College, Center on International Human Rights

April, 2019 - <i>present</i>	Editorial Board Member Center for Problem-Oriented Policing, Wilderness Problems
2017- <i>present</i>	Research Associate California State University- San Bernardino, Center for Criminal Justice Research
2013-2019	Research Associate Rutgers Center for Conservation Crime Science and Ecology
2013- <i>present</i>	Member Environmental Criminology and Crime Analysis
2013-2017	Member Criminologists Without Borders
2012- <i>present</i>	Member International Green Criminology Working Group