**Camila GUERRERO PINEDA**

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| **EDUCATION** | | | | |
| 2021 – present  Tempe, Az | | | | **PhD Biology (Biology and Society)**  Arizona State University  Advisors: Dr. Leah Gerber and Dr. Gwen Iacona |
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| 2019 – 2020  Barcelona, Spain | | | | **Master’s degree in Terrestrial Ecology and Biodiversity Management**  Universitat Autònoma de Barcelona  Thesis: Prioritizing conservation investment for post-conflict agricultural expansion in Colombia |
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| 2013 - 2018 | | | | **Bachelor of science, Environmental engineering** |
| Bogotá, Colombia | | | | Universidad de los Andes |
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| **RESEARCH EXPERIENCE** | | | | |
| 2021- present  Tempe, Az | | **Research Assistant,** *Arizona State University*. Supervisors: Leah Gerber and Gwen Iacona   * Developed an optimization approach to identify areas in the Peruvian Amazon where agroforestry investment maximizes biodiversity outcomes. * Developed and tested a prioritization methodology to reduce adverse effects of pesticide risk for endangered species and assist the U.S. pesticide registration process. * Developed a data management structure to report costs and outcomes of conservation intervention strategies using Miradi and Microsoft Excel. * Drafted manuscripts for three projects. | | | | |
| 2020  Tempe, Az | | **Research Intern,** *Arizona State University*. Supervisors: Leah Gerber and Gwen Iacona   * Developed methodology to identify regions in Colombia with high conservation return on investment by spatially modelling the risk of forest conversion and the expected impact of conservation actions. * Drafted manuscripts for the project. | | | | |
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| 2018  Bogotá, Colombia | | **Research Intern,** *Universidad de los Andes*. Supervisor: Juan Pablo Ramos Bonilla   * Gathered pathological samples for study. * Applied interviews to 3 participants * Assisted the research team during meeting sessions with 4 focal groups of 8 participants. | | | | |
| **PUBLICATIONS** | | | | |

**Guerrero-Pineda, C.**, Iacona, G. D., Duzy, L., Eikenberry, S., Frank, A. R., Watson, G., & Gerber, L. R. (2024). Prioritizing resource allocation to reduce adverse effects of pesticide risk for endangered species. *Science of The Total Environment*, 171032.

**Guerrero-Pineda, C.,** Iacona, G. D., Mair, L., Hawkins, F., Siikamäki, J., Miller, D., & Gerber, L. R. (2022). An investment strategy to address biodiversity loss from agricultural expansion. *Nature Sustainabilit*y, 5(7), 610-618.

Eikenberry, S., Jones, L., & **Guerrero-Pineda, C**. (2021). Wild Foods as Imperiled Ecosystem Service: Industrialized Harvesting Through Urban Foraging. *Reference Module in Earth Systems and Environmental Sciences*.

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| **PRESENTATIONS** |

**Guerrero-Pineda, C.**, Iacona, G.D, Duzy L., Eikenberry S., Frank A.R., Watson G. Gerber, L.R. 2023. Prioritizing resource allocation to reduce adverse effects of pesticide risk for endangered species. American Chemical Society (ACS).

**Guerrero-Pineda, C.**, Sangolquí P., Gerber, L.R., Iacona, G.D. 2022. A data management framework that relates costs to benefits of protected area management conservation interventions. Invited speaker at the North American Congress for Conservation Biology (NACCB).

**Guerrero-Pineda, C.**, Iacona, G.D., Mair, L., Hawkins, F., Siikamäki, J., Miller, D., Gerber, L.R. 2021. An Investment Strategy for addressing Biodiversity loss due to Agricultural expansion in Colombia. Invited speaker at the International Congress for Conservation Biology (ICCB).

**Guerrero-Pineda, C**., Iacona, G.D., Mair, L., Hawkins, F., Siikamäki, J., Miller, D., Gerber, L.R. 2020. Prioritizing conservation investment for post-conflict agricultural expansion in Colombia. Presented at The Latin America and Caribbean Section (LACA) of the Society for Conservation Biology.

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| **TEACHING EXPERIENCE** | | | | |
| 2023-present  Tempe, Az | **Mentor,** Taylor Fischer– Undergraduate, *Arizona State University*   * Guided undergraduate student in development of a user interface application using R Shiny. | | | | |
| 2023  Tempe, Az | **Mentor,** Chelsea Gravunder – Undergraduate, *Arizona State University*   * Guided undergraduate student in formulation of research question, methodology and analysis of a short-term research project using spatial analysis in QGIS and R. | | | | |
| 2023  Tempe, Az | **Teaching Assistant,** Conservation of Biodiversity – BIO 322 (Prof. Michael Britton), *Arizona State University*   * Graded short-essays and other assignments of 81 undergraduate students. | | | | |
| 2023  Tempe, Az | **Teaching Assistant,** Environmental Ethics – BIO 324 (Prof. Christopher Rojas), *Arizona State University*   * Graded short-essays and other assignments of 63 undergraduate students. | | | | |
| 2021  Tempe, Az | **Teaching Assistant,** General Biology II – BIO 182 (Prof. Melinda Weaver), *Arizona State University*   * Graded assignments of 25 undergraduate students. * Assisted students with assignments. | | | | |
| 2021  Tempe, Az | **Teaching Assistant,** The Living World – BIO 100 (Prof. Christopher Bang), *Arizona State University*   * Monitored undergraduate students working on the online platform BioBeyond, * Assisted students with assignments and platform- related issues. | | | | |
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| 2017  Bogotá, Colombia | **Teaching Assistant,** Air Qualit5y and Meteorology– ICYA 3501 (Prof. Ricardo Morales Betancourt), *Universidad de los Andes*   * Graded assignments and exams of 25 undergraduate students * Assisted the professor during exam sessions. * Assisted students with assignments during office hours. | | | | |
| 2016  Bogotá, Colombia | **Teaching Assistant,** Algorithmic and Object-Oriented Programming I – ISIS 1204 (Prof. Ferney Alonso Maldonado Lopez), *Universidad de los Andes* | | | | |
| * Assisted 25 undergraduate students during laboratory sessions of coding in Java using Eclipse. * Assisted students with assignments during office hours. * Graded 25 students’ assignments and exams. | | | | |
| 2015  Bogotá, Colombia | **Teaching Assistant**,Algorithmic and Object-Oriented Programming I – ISIS 1204 (Prof. Camilo Hernando Jiménez Fuentes), *Universidad de los Andes* | | | | |
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| **SERVICE AND LEADERSHIP** | | | | |
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| 2023-2024  Tempe, Az | | **Award peer-reviewer**, *Graduate and Professional Student Association*, *Arizona State University*   * Reviewed 3-8 award applications per semester. | | | |
| 2022-2023  Tempe, Az | | **International Graduate Student Representative**, *School of Life Sciences Graduate Executive Board (SoLS E-Board), Arizona State University*   * Advised prospective international graduate students during their first semesters. * Created and updated section for international students in the Unofficial Guide to Graduate Student Life. | | | |
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| 2022-  Tempe, Az | | **Peer-reviewer** for research journals   * Conservation Science and Practice, 2 manuscripts * Nature Ecology & Evolution, 1 manuscript | | | |
| 2021 – 2022  Tempe, Az | | **Graduate student seminar coordinator**, *School of Life Sciences Executive Board, Arizona State University*   * Coordinated speakers and catering for weekly seminar targeted to graduate students. * Provided useful tools to thrive in graduate schools to students. For example, several seminar sessions on career and professional development. * Provided a safe space for students to develop presentation skills. | | | |
| **SCHOLARSHIPS AND AWARDS** | | | | |
| 2022  Tempe, Az | **Graduate & Professional Student Association (GPSA) Travel Grant Program (2021-2022)**  Arizona State University  $ 950 (Declined) | | | | |
| 2020  Barcelona, Spain | **UAB** **Exchange Programme Trainships 2019-2020**  Universitat Autònoma de Barcelona  Scholarship to conduct research at Arizona State University as part of the Master’s degree. | | | | |
| 2015  Bogotá, Colombia | **Biannual Excellence Distinction**  Universidad de los Andes  Award for having obtained the highest GPA within the academic program during the first and second semester of 2015. | | | | |
| **SKILLS** | | | | |
| LANGUAGES | | | **Spanish** | Native | |
|  | | | **English** | Full Professional Proficiency | |
|  | | | **French** | Elementary | |
| SOFTWARE | | | **R** | Shiny | |
|  | | | **MATLAB**  **VBA** |  | |
|  | | | **GIS**  **Miradi** | ArcGIS, QGIS | |