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EDUCATION

- **Doctor of Philosophy (PhD).** Department of Ecology & Evolutionary Biology and Biodiversity Institute, University of Kansas, Lawrence, Kansas, US. Official Ecuadorian registry number: 8401231286 (2017–2023). Supervisor: A. Townsend Peterson PhD.
- **Medical Doctor.** School of Medicine, Universidad Central del Ecuador, Quito, Ecuador. Official Ecuadorian registry number: 1005-12-1148208 (2005–2012).

PROFESSIONAL EXPERIENCE

- **Associate Professor/Researcher.** Emerging and Neglected Diseases, Ecoepidemiology and Biodiversity, Research Group. Faculty of Health Sciences. Universidad Internacional SEK, Quito, Ecuador (2024–present).
- **Associate Researcher.** Instituto Nacional de Biodiversidad (INABIO), Quito, Ecuador (2024–present).
- **Graduate research assistant.** Ecology of infectious diseases. Fieldwork: tick collection in Kansas, US.
Graduate teaching assistant. Human Anatomy Dissection Laboratory.
Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence, Kansas, US (2017–2023).
- **Epidemiologist.** Hospital General Enrique Garcés, Quito, Ecuador (2016–2017).
- **Research assistant.** Unit of Molecular Parasitology & Tropical Medicine, Centro de Biomedicina, School of Medicine. Universidad Central del Ecuador, Quito, Ecuador (2012–2016).

SKILLS

- Research methods, experimental design, writing, and publishing research.
- Molecular biology and ecology of infectious diseases.
- Applications of epidemiology and public health for infectious diseases.
- Programming languages (R, Java), geographical information systems, and audiovisual packages.

SELECTED PUBLICATIONS (3/69) || <https://www.romerostories.com/publications>

1. **Romero-Alvarez D**, Navarro JC, Gutiérrez-Pallo D, Echeverría-Garcés G, Lara-Cazorla C, Fuertes-Flores B, et al (2025). Genomic evidence of active circulation of *Orthobunyavirus* in Ecuador. *International Journal of Infectious Diseases*, 159:108000 (IF = 4.3).
2. **Romero-Alvarez D**, Calvopiña M, Vásquez-Cisneros E, Garzon-Chavez D, Warren A, Bennet L, et al (2023). *Mycobacterium leprae* detected in Ecuadorian nine-banded armadillos (*Dasypus novemcinctus*). *Emerging Infectious Diseases*, 30:2639-2632 (IF=11.8).
3. **Romero-Alvarez D**, Escobar LE, Auguste AJ, Del Valle S, Manore CA (2023). Transmission risk of Oropouche fever across the Americas. *Infectious Diseases of Poverty*, 12:47 (IF=10.49).

PROFESSIONAL REFERENCES

- A. Townsend Peterson, PhD || Email: town@ku.edu
- Charlotte Avanzi, PhD || Email: charlotte.avanzi@gmail.com
- Irene Torres, PhD || Email: irene.torres@dir.iai.int