

POSTDOC. SEBASTIÁN DÍAZ

## UW-Madison Mentors

### General aim of the Strategic Area:

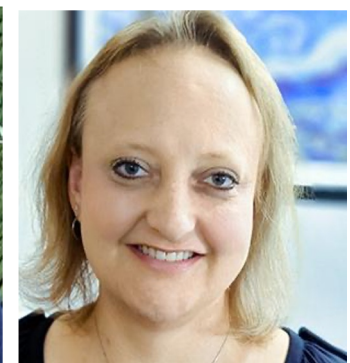
To establish genetic tools for: (1) diagnosis and surveillance of infectious diseases such as dengue and other emerging arboviruses, soil-transmitted helminths, and filariasis; and (2) the study of environmental health, in the nexus of human microbiota, health, and the environment.



**Jessica Hite**  
Pathobiological  
Sciences



**Mostafa Zamanian**  
Pathobiological  
Sciences



**Amie Eisfeld**  
Pathobiological  
Sciences

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Leticia urban area



Km 11 indigenous community

## Project Title: Gut parasitome and microbiome of urban and semi-urban populations of the city of Leticia, southern Colombian Amazon

- To evaluate the rate of infection and co-infection with eukaryotic parasites (nematodes and protozoans) using 18S marker massive sequencing.
- To describe the bacterial community composition of the gut microbiota compared to other rural and urban populations inside and outside the Amazon region.