



Jebrail Dempsey

Graduate Research Assistant

Microbiology, Immunology, and
Pathology

CENTER FOR VECTOR-BORNE INFECT

jebrail.dempsey@colostate.edu

ABOUT JEBRAIL

Jebrail Dempsey is a Ph.D. student in the TEAM VIDA & Foy labs at Colorado State University. Jebrail’s primary research focus is on understanding malaria parasite (*Plasmodium* spp.) genomics and how this influences community transmission dynamics. For this research, she has done work to sequence human samples infected with *Plasmodium* to elucidate any predictive factors for malaria infections.

She became interested in pursuing a career in research after joining a research project at University of Maryland, Baltimore County, during her undergraduate degree. Under her PI and graduate students, she assisted with investigating the impact of circadian rhythm of plant defense mechanisms. Following graduation, she worked in a clinical/translational research laboratory at University of Texas Southwestern Medical Center, studying the relationship between protein synthesis and acute myeloid leukemia. She managed and maintained a flow cytometry core and an extensive mouse colony. Outside of lab, Jebrail enjoys traveling, chai lattes, picnics, and exploring Colorado.

EDUCATION

B. S. Biological Sciences, University of Maryland, Baltimore County, 2021

LINKS

[Google Scholar for Jebrail Dempsey](#)

[LinkedIn for Jebrail Dempsey](#)

QUICKLINKS

[EXPLORE DEGREE PROGRAMS](#)

[SCHEDULE A TOUR OR VISIT](#)

[DOCTOR OF VETERINARY MEDICINE PROGRAM](#)

[VETERINARY TEACHING HOSPITAL](#)

[VETERINARY DIAGNOSTIC LABORATORIES](#)

[VETERINARY HEALTH SYSTEM](#)

COLLEGE RESOURCES

[FACULTY/STAFF DIRECTORY](#)

[NEWS](#)

[EVENTS CALENDAR](#)

[CAREERS](#)

[CONTACT US](#)

[TECHNOLOGY SERVICES](#)

[EMPLOYEE INTRANET \(SCOPE\)](#)

[CONTACT THE WEBMASTER](#)

ACADEMIC DEPARTMENTS

[BIOMEDICAL SCIENCES](#)

[CLINICAL SCIENCES](#)

[ENVIRONMENTAL AND RADIOLOGICAL HEALTH SCIENCES](#)

[MICROBIOLOGY, IMMUNOLOGY, AND PATHOLOGY](#)

CONTACT THE COLLEGE

MAILING ADDRESS

1601 Campus Delivery
Fort Collins, CO 80523-1601

PHONE

College Main: (970) 491-7051
D.V.M. Student Services: (970) 491-5355
Veterinary Teaching Hospital: (970) 297-5000

[VIEW ALL CONTACT INFORMATION](#)

CONNECT ON SOCIAL MEDIA



[SUPPORT THE COLLEGE](#)