

2022 MU VRSP mentor profile form

Mentor	Wole Odemuyiwa
Departmental bio web page.	http://vpbio.missouri.edu/faculty/Odemuyiwa.html https://vmdl.missouri.edu/
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	Google Scholar: https://scholar.google.com/citations?user=Hmy3a4YAAAAJ&hl=en ORCID: https://orcid.org/0000-0003-3993-9878
Research interests.	Virology, Immunology, Molecular Diagnostics
Active projects.	<ul style="list-style-type: none"> • An integrated model to investigate new and emerging viral pathogen outbreaks characterized by neurological signs • Modulation of innate immunity of chickens by microbial catabolites of tryptophan • Development of diagnostic assays • Canine distemper virus isolates in Missouri: 2011 - 2021
Research team. E.g., graduate students, post docs, technicians, other scholars	<ul style="list-style-type: none"> • 1 PhD student (3rd year) • Student may work with VMDL technicians (3) and work study students.
About you... Education/training Personal information, as interested—e.g., hobbies, etc.	<ul style="list-style-type: none"> • DVM, MS, PhD – University of Ibadan • Postdoc: University of Alberta • DVSc – Ontario Veterinary College • Board Certification: Vet. Microbiology-Virology
Mentor Profile	
I am available to mentor students in career and life decisions, even if they do not choose research.	
Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
My students are/can be involved in the creation/development of their projects.	
Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
I expect students to contribute to manuscripts/publications.	
Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
Students have the option to continue to work on this project.	
Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
My students often work closely with a research team, e.g., lab tech or other students.	
Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
I frequently touch base with my research team—e.g., students, technicians, etc.	

Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True

My mentoring style is very hands off.

Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True

Current/active project profile & timeline, including clinical vs. basic science.

Lab structure, if applicable.

- I am part of the Molecular Diagnostic Section at the VMDL. Students may do most of their work at the VMDL.

What does a typical day of research look like for VRSP scholars?

- Reading, reading, a lot of reading, questions, more reading, then lab work!
- Discuss results. Speculate on the importance of findings. Speculate on why unexpected results occur.
- Teach (literally, with a marker in hand and standing before a white board) the mentor what you learn through the process.
- The goal is to make the VRSP scholar catch an idea of how to ask appropriate research questions and attempt to answer some of them with resources available at MU.

What does engagement look like for your lab/project?