

2022 MU VRSP mentor profile form

Mentor	Katrina Knott
Departmental bio web page.	mdc.mo.gov (just general info, no specific link to my program)
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	Katrina K Knott (researchgate.net) Katrina Knott - Resource Scientist/ Ecotoxicology - Missouri Department of Conservation LinkedIn
Research interests.	Ecotoxicology, Nutritional Ecology, Animal Behavior, Wildlife Disease, Physiological Ecology, OneHealth
Active projects.	Mechanisms driving bioaccumulation of toxicants (Hg, Pb, algal toxins) and associated adverse effects in fish and wildlife; digestive development of Age-0 sturgeon
Research team. E.g., graduate students, post docs, technicians, other scholars	2 technicians, science specialist, and scientist colleague; multiple internal and external collaborators (DHSS, DNR)
About you... Education/training Personal information, as interested—e.g., hobbies, etc.	PhD Biological Sciences (focus in Wildlife Toxicology); MS Zoology (focus in Nutritional Ecology); BA Biology
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.	Several projects ongoing; students would complete a small part of a larger project;

Lab structure, if applicable.	Microscopy, spectrophotometry available
What does a typical day of research look like for VRSP scholars?	Students work pretty independently under supervision of myself and other members of the workteam, daily tasks will be discussed in the am, then the student will work on project during the day
What does engagement look like for your lab/project?	Students are included in weekly workgroup meetings, attend research presentations, present their findings to colleagues; may work with other colleagues if time and interest allows.