

2025 MU VRSP mentor profile form

<b>Mentor</b>	<b>Jess McCarthy</b>
<b>Departmental bio web page.</b>	<a href="https://vhc.missouri.edu/small-animal-hospital/surgery/meet-the-team/">https://vhc.missouri.edu/small-animal-hospital/surgery/meet-the-team/</a>
<b>Other relevant web pages, as applicable.</b> E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	<a href="https://orcid.org/my-orcid?orcid=0000-0002-7565-9470">https://orcid.org/my-orcid?orcid=0000-0002-7565-9470</a>
<b>Research interests.</b>	Humeral fractures in French Bulldogs, Finite Element Analysis, 3D printing and its application to complex orthopedic cases, canine patella luxation, total hip replacement, elbow dysplasia
<b>Active projects.</b>	<b>Validation of a subcategorization of grade two medial patella luxation.</b> <b>Correlation of final patient acetabular cup sizing with a 3D printed rehearsal.</b> <b>Development of a pipeline using freely available software to generate same day patient STL files and produce 3D prints for in clinic use.</b> <b>Comparison of an anatomic humeral plating system with the tradition transcondylar screw and plate in French Bulldogs.</b>
<b>Research team.</b> E.g., graduate students, post docs, technicians, other scholars	<b>Currently recruiting a new research technician and hoping to complete this hire by the end of February 2025.</b>
<b>About you...</b> Education/training Personal information, as interested—e.g., hobbies, etc.	From the UK, veterinary degree from the University of Bristol, and spent two years in general practice after graduation. Became a diplomat of the European College of Veterinary Surgeons in 2020 after completing residency training at the University of Edinburgh. Worked at Auburn University and the University of Wisconsin before coming to Columbia, Missouri last June. Love being outside, especially hiking and gravel riding. I am committed to fostering diversity and inclusivity within the veterinary profession and passionate about creating a welcoming atmosphere for all.

**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

<p>Students have the option to continue to work on this project.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True</p>	
<p>My students often work closely with a research team, e.g., lab tech or other students.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True</p>	
<p>I frequently touch base with my research team—e.g., students, technicians, etc.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True</p>	
<p>My mentoring style is very hands off.</p> <p>Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True</p>	
<p>Current/active project profile &amp; timeline, including clinical vs. basic science.</p>	<p><b>My projects are all clinical science and could be based around engaging with final years students (validating MPL subcat), performing gait analysis on dogs, or based mainly on the computer with computer aided design software.</b></p> <p><b>February: Meet to discuss project choice. Student to perform short lit review on subject with guidance and prepare a short summary of their findings which we will meet to discuss.</b></p> <p><b>March: Write up the material and methods for the project. Secure all equipment needed for the project. Attend a patient gait analysis if that will be part of the project or attend a 3D print creation session.</b></p> <p><b>April: Collect any initial data needed. Work on writing introduction and materials and methods for poster.</b></p> <p><b>May: Run a practice through of the method of data collection, identify areas of weakness/that need improvement.</b></p> <p><b>June: Data collection</b></p> <p><b>July week 1: Data collection</b></p> <p><b>July week 2: Data collection</b></p> <p><b>July week 3: Analyze and write up results</b></p> <p><b>July week 4: Prepare poster, review with me, make edits as suggested</b></p> <p><b>August: Finalize and print poster and present.</b></p>
<p>Lab structure, if applicable.</p>	<p>n/a</p>
<p>What does a typical day of research look like for VRSP scholars?</p>	<p><b>Come to the motion analysis lab for 8:30am</b></p> <p><b>Set up for gait analysis, 3D printing or on computer.</b></p> <p><b>9-1pm: Collect data/perform 3D printing/perform patella validation task with students</b></p> <p><b>2pm: Check in with mentor that on task/track and ask any questions</b></p> <p><b>2:15-4:30pm: Continue data collection or data analysis. Come up for clinic rounds if time available.</b></p>
<p>What does engagement look like for your lab/project?</p>	<p><b>Daily check ins with update on how things are going, any questions and a plan for that day and the next.</b></p> <p><b>Coming with their own ideas with some basic</b></p>

	<p>research behind them.  <b>Taking feedback and implementing it.</b>  <b>Willing to be adaptable and help out on another project or data collection for something not related to their project if time allows.</b></p>
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## Example

<b>Mentor</b>	Tamara Hancock
<b>Departmental bio web page.</b>	<a href="http://vpbio.missouri.edu/faculty/Hancock_Tamara.html">http://vpbio.missouri.edu/faculty/Hancock_Tamara.html</a>
<b>Other relevant web pages, as applicable.</b> E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	<a href="https://scholar.google.com/citations?user=OAJec6UAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=OAJec6UAAAAJ&amp;hl=en</a> (Google Scholar)
<b>Research interests.</b>	Professional socialization and identity development; well-being, mental health, & inclusion; qualitative methods
<b>Active projects.</b>	<ol style="list-style-type: none"> <li>1. Utilization focused evaluation of VRSP &amp; development of programmatic scaffolds for mentorship.</li> <li>2. Investigation of mental health prevalence, experiences, and affects in a sample of veterinarians from North America.</li> </ol>
<b>Research team.</b> E.g., graduate students, post docs, technicians, other scholars	<ol style="list-style-type: none"> <li>1. Currently collaborating with Caity Nelson (DVM candidate).</li> <li>2. I am collaborating with Dr. Kerry Karaffa on these data sets. Please note he is unable to ethically collaborate directly on projects with student involvement given his role in the CVM.</li> </ol>
<b>About you...</b> Education/training Personal information, as interested—e.g., hobbies, etc.	<p>DVM, Iowa State University (2011)  MS, Veterinary Pathobiology, University of Missouri (2014)  Diplomate ACVP (clinical) (2014)  PhD, Learning, Teaching, &amp; Curriculum, University of Missouri (2018)</p> <p>I am married and my husband and I have one child—a 6 year old who is in kindergarten here in Columbia.</p> <p>I have one 11 year old rat terrier mix and one 1 year old cat.</p> <p>I am a pretty active person—I love to run and just be moving outside. I love to read and cook/bake—I bake mostly breads but do occasionally venture into sweet treats. I like puzzles, play Pokemon GO and LEGO with my kid a lot.</p>

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<p>Current/active project profile &amp; timeline, including clinical vs. basic science.</p>	<p>My projects are all social science research. Currently working on an ongoing evaluation and improvement project with VRSP. Some elements are ongoing and some may be emergent. If interested project elements could be developed with scholar collaboration should these tasks arise.</p> <p>The veterinarian data set is in an early cursory analysis stage. The scholar could be involved with coding and interpretation of data.</p>
<p>Lab structure, if applicable.</p>	<p>N/A</p>
<p>What does a typical day of research look like for VRSP scholars?</p>	<p>Reading, thinking, writing, and digesting. May interview people or develop interview protocols. May transcribe or analyze data. May produce data visualizations or other public/VRSP facing materials.</p>
<p>What does engagement look like for your lab/project?</p>	<p>Contributing to the work—whatever that looks like for the scholar. I love to hear scholar ideas and perspectives and have them be a part of the research—a true collaboration. That said, it's most important for me to meet scholars where they are and help them find a space that is "engaged" for them.</p>

