

2022 MU VRSP mentor profile form

Mentor	Craig Emter
Departmental bio web page.	http://biomed.missouri.edu/craig-a-emter-ph-d
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	https://precisionhealth.missouri.edu/people/craig-emter-phd
Research interests.	Cardiovascular
Active projects.	Using a translational approach focused on precision cardiovascular health that emphasizes pharmacological, genetic, and regenerative medicine interventions to identify the mechanisms underlying heart failure. Current research goals include elucidating new ways to treat both heart failure with preserved ejection fraction and heart failure with reduced ejection fraction using pre-clinical swine models that are developed in the laboratory.
Research team. E.g., graduate students, post docs, technicians, other scholars	Jan Ivey, Pam Thorne, Darla Tharp, Christina Mueller, Shannon Kelly, Amira Amin
About you... Education/training Personal information, as interested—e.g., hobbies, etc.	Ph.D. in exercise and integrative cardiac physiology from the University of Colorado, Boulder
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	

<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 & timeline, including clinical vs. basic science.</p>	<p>We have a number of active projects ongoing with a basic science focus with significant clinical impact</p>
<p>Lab structure, if applicable.</p>	<p>3 Resarch specialists, 1 Research Associate Professor, 2 Ph.D. candidates</p>
<p>What does a typical day of research look like for VRSP scholars?</p>	<p>You could be working at the bench doing biochemistry, performing large animal surgery in the new NextGen PHI catheter lab, generating or analyzing cardiac ultrasounds in pigs, examining histology of the heart and other vital organs, or performing in vitro isolated blood vessel experiments in the brain or coronary vasculature.</p>
<p>What does engagement look like for your lab/project?</p>	<p>I try to design a project for the student based on their interests and career goals with the objective of providing a meaningful 1st research experience.</p>