

2022 MU VRSP mentor profile form

Mentor	Shawn B Bender, PhD
Departmental bio web page.	https://biomed.missouri.edu/shawn-b-bender-ph-d/
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	
Research interests.	Cardiovascular dysfunction in obesity and co-morbid conditions, with a focus on cardiac and coronary vascular function.
Active projects.	<ol style="list-style-type: none"> 1. Role of mineralocorticoid receptor (MR) signaling in coronary and cardiac dysfunction in obesity 2. Role of MR signaling in cardiovascular dysfunction in sleep apnea 3. Role of fibrosis and novel manipulation of fibrosis in heart disease
Research team. E.g., graduate students, post docs, technicians, other scholars	Chastidy Bailey (Lab Manager), Jacob Russell (Grad student), Margot Ruff (undergraduate student), Bysani Chandrasekar, DVM, PhD (collaborating PI), Mohammad Badran, PhD (collaborating Postdoc), David Gozal, MD (collaborating PI)
About you... Education/training Personal information, as interested—e.g., hobbies, etc.	<p>BS, Lebanon Valley College (PA) PhD, Ohio University Postdoc, University of Missouri</p> <p>I am married and my wife and I have 4 daughters (5th on the way). We enjoy hiking, traveling, reading to and playing with our girls, and cook good food! We have a 12 year old Beagle named Hershey.</p>
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.	

<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 & timeline, including clinical vs. basic science.</p>	<p>Our projects are basic science and are in various stages of completion. Happy to discuss what we have going on and where a summer student may be able to make the greatest contribution based on their interests.</p>
<p>Lab structure, if applicable.</p>	
<p>What does a typical day of research look like for VRSP scholars?</p>	<p>Can vary but will likely involve time at the bench doing hands-on assays, collecting images at the microscope, and analyzing data but also reading and thinking about literature relevant to their project. From time to time, students will likely have the opportunity to contribute to other ongoing projects in the lab.</p>
<p>What does engagement look like for your lab/project?</p>	<p>Active ownership of the project the student is assigned – this can look different for different people but typically involves reading and seeking literature relevant to the project, working to understand the bigger picture within which the project fits, and working to understand the data generated, its limitations, and next steps toward project completion. This is obviously done in conjunction with the mentor but active engagement is critical for success of any project.</p>