

2023 MU VRSP mentor profile form

Mentor	Jim Amos-Landgraf
Departmental bio web page.	http://vpbio.missouri.edu/faculty/James_Amos_Landgraf.html
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C26&q=amos-landgraf&btnG=http://www.amos-landgraflab.com/
Research interests.	Mouse models of Colon Cancer, COVID, Microbiome
Active projects.	Developing a small intestine microbe capture polymer; Validation of mouse models of Long COVID; Establishment of mice with a Human Microbiome; Orthotopic model of colon cancer imaging
Research team. E.g., graduate students, post docs, technicians, other scholars	I currently have one graduate student and an undergraduate student working with me. I am the Director of a much larger group of over a dozen staff that work on the Mutant Mouse Resource and Research Center
About you... Education/training Personal information, as interested—e.g., hobbies, etc.	I have my Ph.D. in genetics and before coming to MU I did my postdoctoral training in developing and using animal models of human disease. I enjoy the outdoors, hiking, canoeing, running(kind-of), and spending time with my two adopted dogs Truman and Maggie.

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.

We are in the middle of several projects that will continue into 2023 including the development of

Lab structure, if applicable.

We are located off campus at the Discovery Ridge Research building that would require a vehicle or other transportation

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

Discussing experiments and setting out a plan to achieve that. See one, do one under observation, do one independently, work as independently as you can moving forward

What does engagement look like for your lab/project?

I am often closely involved in the project unless it is being let by a graduate student or postdoc in the lab, but I always make time with my students to discuss any questions.