

2022 MU VRSP mentor profile form

<b>Mentor</b>	<b>Dr. Nicole Nichols</b>
<b>Departmental bio web page.</b>	<a href="#">Nicole L. Nichols, PhD (missouri.edu)</a>
<b>Other relevant web pages, as applicable.</b> E.g., lab group/personal web page, Google Scholar/ORCID profiles, others	NA
<b>Research interests.</b>	Breathing and swallowing function and their coordination in rodent models of motor neuron death
<b>Active projects.</b>	1. Understanding how breathing and swallowing function can be restored in rodent models of motor neuron death; and 2. Establishing biomarkers of respiratory deficits or dysphagia (swallowing impairment) in rodent models of motor neuron death).
<b>Research team.</b> E.g., graduate students, post docs, technicians, other scholars	Yes, undergraduate students, graduate students, professional students, and technicians in my lab as well as in my collaborator's labs.
<b>About you...</b> Education/training Personal information, as interested—e.g., hobbies, etc.	Research Associate in Respiratory Neurobiology, University of Wisconsin-Madison (2014-2015)  Post-doctoral Fellow in Respiratory Neurobiology, University of Wisconsin-Madison (2008-2014)  Ph.D. in Biomedical Sciences with concentration in Neuroscience and Physiology, Wright State University (2008)  B.S. in Life Science with concentration in Molecular Biology and Health Sciences, Otterbein University (2003)

**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 &amp; timeline, including clinical vs. basic science.</p>	<p>Some projects are ongoing and some projects can be completed during the VRSP program.</p>
<p>Lab structure, if applicable.</p>	<p>I am very flexible in the hours that trainees work in the lab as long as they get their work done and it is satisfactory.</p>
<p>What does a typical day of research look like for VRSP scholars?</p>	<p>Reading, thinking, and digesting scientific literature related to the project, writing protocols related to proposed experiments, conducting experiments, analyzing data, running statistics, and writing summary of project including methods and results.</p>
<p>What does engagement look like for your lab/project?</p>	<p>Show up and contribute to the proposed project, ask questions and share ideas related to the research.</p>