

# Virginia Tech


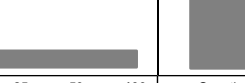
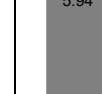

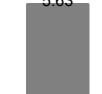

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88354\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/35 (91.43 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1A - The instructor was well prepared.**

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	0	0.00%								
Agree		(5)	2	6.25%								
Strongly agree		(6)	30	93.75%								
					0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)		5.94	0.25	6.00	33298	5.27	1.01	6.00	1148	5.63	0.72	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1B - The instructor presented the subject matter clearly.**

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	0	0.00%								
Agree		(5)	6	18.75%								
Strongly agree		(6)	26	81.25%								
					02550100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)		5.81	0.40	6.00	33070	5.01	1.25	5.00	1140	5.48	0.91	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1C - The instructor provided feedback intended to improve my course performance.**

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	6	19.35%									
Strongly agree				(6)	25	80.65%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
31/35 (88.57%)		5.81	0.40	6.00	33091		4.97	1.27	5.00	1145		5.43	0.96	6.00	

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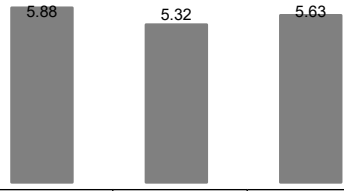
## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88354\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/35 (91.43 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1D - The instructor fostered an atmosphere of mutual respect.

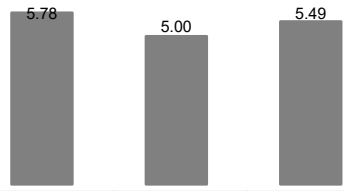
Zhuo Fu

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%	       ■							
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	12.50%								
Strongly agree	(6)	28	87.50%	■							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)	5.88	0.34	6.00	33060	5.32	1.02	6.00	1146	5.63	0.77	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1E - Overall, the instructor's teaching was effective.

Zhuo Fu

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%	       ■							
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	7	21.88%								
Strongly agree	(6)	25	78.13%	■							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)	5.78	0.42	6.00	32910	5.00	1.28	5.00	1140	5.49	0.91	6.00

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## Fall 2023 VT Student Perceptions of Teaching (SPOT)

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**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/35 (91.43 %)

### 2 - 2A - What did the instructor do that most helped in your learning?

Zhuo Fu

**Response Rate** 26/35 (74.29%)

- n/a
- The TAs being online is a really efficient method!
- Post tests are good aids for studying
- She always did such a great job at answering questions when I asked.
- She prepared slideshows for each lab so that we understood the equipment and material we would be going over.
- I liked how we reviewed before the labs to refresh our minds from the weeks prior work
- She was helpful when it came to clarification of certain procedures and would provide assistance to students who are having difficulty in executing the needed experiment.
- Gave us videos for each lab explaining what we were doing along with the background information included in lecture videos.
- Review what we are doing in the beginning of the lab
- I appreciated that the post labs were completed before the lab period. It made the actual lab more focused on actually learning the concepts rather than checking boxes to get a certain grade.
- She gave us a lot of videos and detailed slides to help us learn.
- was helpful
- Showed us how to complete experiments before we had to do them ourselves.
- N/A
- She always made sure we knew what we were doing, and helped us with clarification
- She was very through in her descriptions and the activities and the videos of the activities/experiment for the experiment we were going to complete the following week gave great insight on what was happening in the experiment and allowed time for me to think over the experiment and better understand how it is applying the material from the neuroscience introduction course.
- She was really good at creating a welcoming environment that made me feel unafraid to make a mistake because that is how people learn.
- Previously preparing us for the lab
- She has a very nice charismatic attitude and it makes learning in neuro lab just the more fun. Our lab students are usually dull during the day but she still keeps a positive attitude and it is very admirable.
- Dr. Fu quickly integrates analogies into lectures that overall simplify topics and help to define foreign terminology.
- Her videos included subtitles and some funny edits to go along with the material. She was also receptive to questions and answered them well.
- Explained information in simple terms and images, like Dora and Homer to memorize brain slices
- provided lab manuals and pre-lab work that described the upcoming lab
- The videos really supported my learning and the slight assistance in class allowed me to actually learn but not be afraid to ask for help when I needed it.
- I liked how pleasant the instructor was and how she helped us out during the labs and was accommodating during the labs if we had some difficulties with doing the dissections. She fostered a very friendly environment and I felt at ease, would definitely take a class with her again. She made it very enjoyable, even though it was a long walk and the subject matter wasn't that interesting sometimes.
- By being a very laid back professor, Dr. Fu helped me feel like I can learn and actually make mistakes without the fear of being punished

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%									
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	1	3.13%									
Agree	(5)	9	28.13%									
Strongly agree	(6)	22	68.75%									
					0	25	50	100	Question	College	Department	
<b>Response Rate</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>College</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>Department</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	
32/35 (91.43%)	5.66	0.55	6.00	26955	5.05	1.15	5.00	844	5.47	0.87	6.00	

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**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/35 (91.43 %)

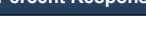
### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

**Zhuo Fu**

**Response Rate** 13/35 (37.14%)

- great professor!
- If we are doing hours worth of online module prelab that goes over EVERYTHING the professor shouldn't go over exactly what was said in the online module for the first 30-45 minutes of class. It is a waste of time.
- She is really funny and uses jokes and memes to help us learn and also make the lab a fun enjoyable experience. One of the best teachers in my life.
- N/A
- Wonderful instructor overall!
- I thoroughly enjoyed this course and having Dr. Fu as the instructor!
- Dr. Fu is awesome, and I always appreciated her humor and fun approach to teaching this lab.
- Dr. Fu is very nice and clearly knowledgeable in the subject of neuroscience. My only complaint about the class is the very long pre lab assignments and long lectures Dr. Fu gives prior to starting the physical labs. While both are individually helpful to understanding the lab procedure, only one or the other is needed. Having to endure both can be a bit repetitive/seem unnecessary, as Dr. Fu essentially repeats all the prelab assignment information before completing the lab.
- Thanks for a great semester!
- Good.
- Late/no submission of any online module is unfortunately extremely detrimental to the final course grade because they each weigh 8%.
- Dr. Fu is a very sweet and caring professor. Her guidelines and demands for the course are fair. She's not uptight or overly serious and throws in some jokes into almost every lab. She also seems to really like cats!
- I think this course and the instructor were very good and taught me a lot.

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option			Weight	Frequency	Percent	Percent Responses	Means					
Very Bad			(1)	0	0.00%		5.66	5.12	5.41	Question	College	Department
Bad			(2)	0	0.00%							
Poor			(3)	0	0.00%							
Fair			(4)	1	3.13%							
Good			(5)	9	28.13%							
Very Good			(6)	22	68.75%							
						0	25	50	100			
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)		5.66	0.55	6.00	26672	5.12	0.96	5.00	829	5.41	0.77	6.00

### 7 - 7A - Please add any comments about the physical environment here:

**Response Rate** 8/35 (22.86%)

- n/a
- Very welcoming and open to questions
- N/A
- It was a great environment
- No complaints about the physical environment at all.
- Discourse with assistants over Zoom is somewhat inconvenient (sometimes difficult to hear them or show them results) but necessary due to room capacitance limitations.
- It's a basic lab environment with limited table space, but there's really nothing to complain about.
- I like the chairs. Since they move, they are more comfortable in case I need to fidget, and having the desks so high up means that I can also perform experiments while standing up. It is a very good physical environment, especially for people who struggle with concentration/are neurodivergent.

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**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/35 (91.43 %)

### 8 - I improved my ability to think independently about the course material.

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%								
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	3.13%								
Agree				(5)	8	25.00%								
Strongly agree				(6)	23	71.88%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
32/35 (91.43%)		5.69	0.54	6.00	26395		5.05	1.00	5.00	845		5.45	0.83	6.00

### 9 - I learned to identify problems and explore different solutions.

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	1	3.13%								
Agree		(5)	9	28.13%								
Strongly agree		(6)	22	68.75%								
					0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)		5.66	0.55	6.00	26227	5.03	1.02	5.00	836	5.43	0.84	6.00

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	0	0.00%									
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	1	3.33%									
Somewhat agree		(4)	1	3.33%									
Agree		(5)	9	30.00%									
Strongly agree		(6)	19	63.33%									
					0	25	50	100	Question	College	Department		
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
30/35 (85.71%)		5.53	0.73	6.00	32112	5.06	1.12	5.00	1142	5.58	0.74	6.00	

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	29	90.63%	<div><div></div></div>	<div><div>1.09</div><div>1.16</div><div>1.16</div></div>							
Strongly agree				(2)	3	9.38%	<div><div></div></div>								
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
32/35 (91.43%)		1.09	0.30	1.00	122		1.16	0.36	1.00	122		1.16	0.36	1.00	

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Fall 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88354\_202309

Instructor: Zhuo Fu \*

Response Rate: 32/35 (91.43 %)

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy iPad. Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas. Answer the question there, you will receive a little bonus point. It asks how many cats you saw. There are 9 total. You can also pick the cat you like the most here, if you want :)

Response Option		Weight	Frequency	Percent	Percent Responses	Means					
cat 1 Shirty		(1)	6	18.75%	<div></div>	<div><div></div><div>5.22</div></div> <div><div></div><div>4.98</div></div> <div><div></div><div>4.98</div></div>					
cat 2 Boxy		(2)	3	9.38%	<div></div>						
cat 3 Flatty		(3)	0	0.00%	<div></div>						
cat 4 Angy		(4)	4	12.50%	<div></div>						
cat 5 Springy		(5)	1	3.13%	<div></div>						
cat 6 Dreamy		(6)	5	15.63%	<div></div>						
cat 7 Bady		(7)	3	9.38%	<div></div>						
cat 8 Beauty		(8)	7	21.88%	<div></div>						
cat 9 Calmy		(9)	3	9.38%	<div></div>						
					02550100	Question	College	Department			
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/35 (91.43%)	5.22	2.86	6.00	120	4.98	2.69	5.00	120	4.98	2.69	5.00

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## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88355\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 28/31 (90.32 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1A - The instructor was well prepared.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	0	0.00%									
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	0	0.00%									
Agree		(5)	4	14.29%									
Strongly agree		(6)	24	85.71%									
					0	25	50	100	Question	College		Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
28/31 (90.32%)		5.86	0.36	6.00	33298	5.27	1.01	6.00	1148	5.63	0.72	6.00	

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1B - The instructor presented the subject matter clearly.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%			5.46		5.01		5.48			
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	1	3.57%										
Somewhat agree		(4)	3	10.71%										
Agree		(5)	6	21.43%										
Strongly agree		(6)	18	64.29%										
					0	25	50	100	Question	College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
28/31 (90.32%)		5.46	0.84	6.00	33070		5.01	1.25	5.00	1140		5.48	0.91	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1C - The instructor provided feedback intended to improve my course performance.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%								
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	2	7.14%								
Agree				(5)	8	28.57%								
Strongly agree				(6)	18	64.29%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median	
28/31 (90.32%)		5.57	0.63	6.00	33091		4.97	1.27	5.00	1145	5.43	0.96	6.00	



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**Instructor:** Zhuo Fu \*  
**Response Rate:** 28/31 (90.32 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1D - The instructor fostered an atmosphere of mutual respect.**

Zhuo Fu

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%			5.86	5.32	5.63			
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	14.29%	■							
Strongly agree	(6)	24	85.71%	■							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/31 (90.32%)	5.86	0.36	6.00	33060	5.32	1.02	6.00	1146	5.63	0.77	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1E - Overall, the instructor's teaching was effective.**

Zhuo Fu

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%			5.61	5.00	5.49			
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	2	7.14%	■							
Agree	(5)	7	25.00%	■							
Strongly agree	(6)	19	67.86%	■							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/31 (90.32%)	5.61	0.63	6.00	32910	5.00	1.28	5.00	1140	5.49	0.91	6.00

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**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88355\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 28/31 (90.32 %)

### 2 - 2A - What did the instructor do that most helped in your learning?

**Zhuo Fu**

**Response Rate** 24/31 (77.42%)

- She put a lot of diagrams up and made great instructional videos.
- Going over the labs before we do them.
- She didn't help if someone asked her for help because she wanted us to figure it out instead of just getting the answer.
- I think that it was really that the Dr. Fu had repeating questions and reviews in the post-labs. The instructions for the labs were also very straightforward, so it was nice to focus on doing the lab well and retaining the information.
- Dr. Fu simply is the best. I love everything she does her videos were amazing and fun to watch. Her attitude made this by far the best lab I have completed at Virginia Tech.
- she made sure we understood everything
- She reviewed the information from our homework at the beginning of the class period. This helped me remember what I had learned prior to coming to class and gave me an understanding of the lab's purpose before conducting it.
- Dr. Fu reviewed all the material we needed to be familiar with the successfully complete the lab right before performing the experiment. She allowed us to do the experiment for the most part without her assistance which helped me understand the material myself and learn from my mistakes.
- always went over the lab before class and important parts to remember. helped us in lab if we needed but didn't give answers immediately so we could figure it out for ourselves. made connections for words or parts to help us remember better.
- She related concepts that are difficult to things we know/practice in daily life
- Dr. Fu did a great job fostering a positive environment. She provided clear instructions in the lab manuals that allowed for a fairly smooth lab experience. She also created an environment where I didn't feel afraid to fail.
- The demo videos helped a lot to visualize what was being asked during lab.
- She would go over all the slides to make sure we understood.
- She went through each lab in class and was available for questions throughout lab. The online modules also made it impossible not to review adequately without tanking your grade.
- The modules were very involved. I felt like I truly had an understanding of the lab and the material every time I went into the lab. I was able to do things confidently because I not only knew the background but also knew the techniques thanks to all of her lectures and experimental videos. The videos were the best!
- I liked the content check-ins that we did before doing labs even though we had to complete the modules before doing the labs on our own. It was a good way to remind us and reinforce important information to further our knowledge and help us be the most effective in lab.
- She made the classes and modules engaging and retaining.
- Good videos
- Her videos related to the modules were very entertaining and kept me engaged. She also has a very nice personality that makes me feel comfortable to ask questions.
- dr. fu was very good at explaining things simply and in a relatable and effective way. She was very realistic and has a strong grasp on how students actually function.
- Giving us the pre and post labs to do before class and the guided videos were very helpful so that way when we actually got into lab we would not be as confused and had more independence. This also helped to save time in lab as we didn't have to waste time being confused.
- Used her own experiences to try and give us a good perspective on going about our future academic careers.
- helped when we needed it
- Her pre-lab videos definitely helped a lot so that we weren't going into the lab blind and could get out earlier.

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

**3A - I have a deeper understanding of the subject matter as a result of this course.**

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%		5.50		5.05		5.47				
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	2	7.14%										
Agree		(5)	10	35.71%										
Strongly agree		(6)	16	57.14%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
28/31 (90.32%)		5.50	0.64	6.00	26955		5.05	1.15	5.00	844		5.47	0.87	6.00

Virginia Tech

Fall 2023 VT Student Perceptions of Teaching (SPOT)

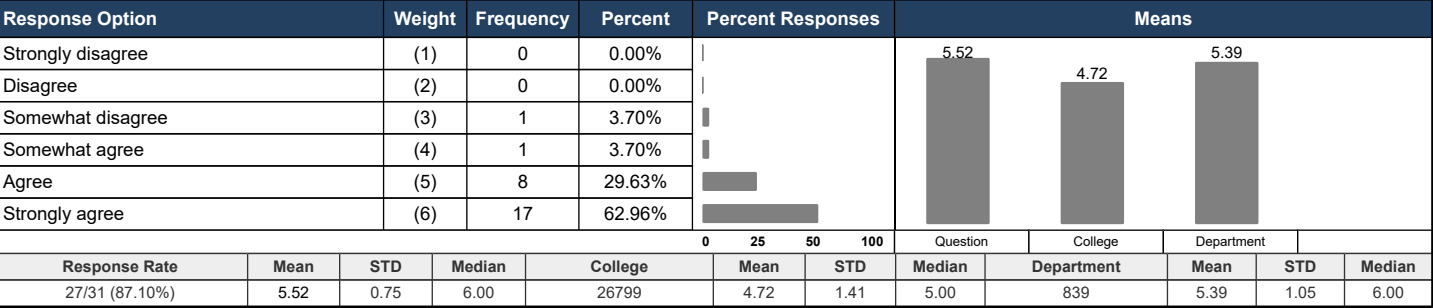
Course: NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88355\_202309

Instructor: Zhuo Fu \*

Response Rate: 28/31 (90.32 %)

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3B - My interest in the subject matter was stimulated by this course.



4 - 4A - What could you have done to be a better learner?

Response Rate	24/31 (77.42%)
<div><ul style="list-style-type: none"><li>• I could have spent more time reading manuals before.</li><li>• Pay more attention in the virtual lab.</li><li>• Watched the videos before class</li><li>• I could have been more consistent with my notes for the videos and lab manual.</li><li>• I could have studied the material a little more by taking good notes during the videos.</li><li>• payed attention to videos</li><li>• I could have taken more effective notes for each lab. I sometimes rushed through the material when there were multiple videos to watch and wish I would've slowed down and been more intentional with note-taking to help me retain more.</li><li>• I could've made sure I was very familiar with the pre lab videos so that I was able to participate better in class.</li><li>• taken better notes.</li><li>• Get more sleep the night before so I am not sleepy the next day</li><li>• I could have spent more time studying the material in depth to better understand the lab procedure before performing the lab.</li><li>• I could have taken more notes on the videos.</li><li>• Good</li><li>• Read the lab Manuel before each lab.</li><li>• I could have kept better track of when online modules were due.</li><li>• Taken more time on my modules. I treated them as a chore sometimes.</li><li>• I think I would have benefitted from giving myself more time to complete the modules rather than saving them for the last minute.</li><li>• I could have done more of the discussion modules and engaged in class more.</li><li>• Watch videos more closely</li><li>• I could have studies the lab manual more.</li><li>• I think I could have gone to office hours with TA's or broken down when I finish/do the pre/post labs instead of trying to do them all in one day which can be a lot.</li><li>• I could have prepared more before our class.</li><li>• nothing</li><li>• Probably taken better notes on the material.</li></ul></div>	

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88355\_202309

**Instructor:** Zhuo Fu \*

**Response Rate:** 28/31 (90.32 %)



### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

**Zhuo Fu**

**Response Rate** 16/31 (51.61%)

- Great instructor that cares!
- I appreciate all the effort that was put into the course so that students could be less stressed about the grade and more focused on understanding the material. I thought your videos we had to watch before the lab were really funny and I liked the environment you created for the lab.
- She's the best! Lucky to have had the privilege of being her student.
- awesome!
- I really enjoyed this course. It excited me for neuroscience and confirmed this is the right major for me.
- Dr Fu was the best lab instructor I've had here at Virginia Tech, she really changed my outlook on becoming a TA for a lab and makes me want to get more involved!
- Give this woman a raise she makes me want to stay a stem major
- Dr. Fu is very sweet and always made me smile in lab. She was very helpful whenever I had a question or concern. The only thing that was a bit frustrating was that sometimes the quiz questions paired with the lab video were very confusing. I would watch the video multiple times and still be confused on some of the quiz questions. Otherwise, I enjoyed this lab.
- She was a great teacher and very nice!
- She is a smart and fun lab instructor and always finds ways to simplify concepts for better understanding.
- GREAT PROFESSOR! Her use of modules, videos, and quizzes before class is exceptional and I truly felt prepared and more comfortable asking questions since I had a complete 360 view of the content. I knew the experiments, the background lecture knowledge, and whats to come.
- I really like Dr. Fu! She was so kind an never hesitated to help and encourage everyone in class.
- I thoroughly enjoyed this lab and professor Fu! She made the lab fun, informative, and challenging. Unlike other labs I have participated in, I did not feel inferior or behind. I also appreciate the way she graded the labs.
- I like the dr. Fu embraced modern methods of learning. It was refreshing to be allowed to use the technology available to us such as using google and AI as a learning tool. Before i had stayed away because i considered them only for cheating.
- You were very helpful and engaging with your students which is very appreciated. This is something I'm not used to especially in labs and it is evident that you truly care about your work and want us to understand instead of make our lives harder.
- I really enjoyed having Dr. Fu as our teacher this semester. Dr. Fu is also a great artist, I especially loved Dreamy because they remind me of a kitten my family got recently. His name is Tink lol.

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option				Weight	Frequency	Percent	Percent Responses	Means											
Very Bad				(1)	0	0.00%													
Bad				(2)	0	0.00%													
Poor				(3)	0	0.00%													
Fair				(4)	0	0.00%													
Good				(5)	10	35.71%													
Very Good				(6)	18	64.29%													
								0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College			Mean	STD	Median	Department		Mean	STD	Median				
28/31 (90.32%)		5.64	0.49	6.00	26672			5.12	0.96	5.00	829		5.41	0.77	6.00				

### 7 - 7A - Please add any comments about the physical environment here:

**Response Rate** 8/31 (25.81%)

- N/A
- It was very welcoming as well as open to making mistakes and asking questions.
- All good.
- N/A
- love the lab environment the labs are so cool
- N/A
- It's a super new, nice lab.
- It can become a bit cramped the way the lab is set up.

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88355\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 28/31 (90.32 %)

### 8 - I improved my ability to think independently about the course material.

Response Option				Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree				(1)	0	0.00%												
Disagree				(2)	0	0.00%												
Somewhat disagree				(3)	0	0.00%												
Somewhat agree				(4)	3	10.71%												
Agree				(5)	9	32.14%												
Strongly agree				(6)	16	57.14%												
							0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median				
28/31 (90.32%)		5.46	0.69	6.00	26395		5.05	1.00	5.00	845		5.45	0.83	6.00				

### 9 - I learned to identify problems and explore different solutions.

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	0	0.00%								
Agree		(5)	13	46.43%								
Strongly agree		(6)	15	53.57%								
					02550100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/31 (90.32%)		5.54	0.51	6.00	26227	5.03	1.02	5.00	836	5.43	0.84	6.00

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	3.57%										
Agree		(5)	11	39.29%										
Strongly agree		(6)	16	57.14%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
28/31 (90.32%)		5.54	0.58	6.00	32112		5.06	1.12	5.00	1142		5.58	0.74	6.00

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	24	85.71%	<div><div></div></div>	<div><div>1.14</div></div>	<div><div>1.16</div></div>	<div><div>1.16</div></div>				
Strongly agree				(2)	4	14.29%	<div><div></div></div>							
02550100								Question	College	Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
28/31 (90.32%)		1.14	0.36	1.00	122		1.16	0.36	1.00	122		1.16	0.36	1.00

Virginia Tech


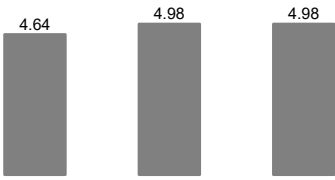
Fall 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88355\_202309

Instructor: Zhuo Fu \*

Response Rate: 28/31 (90.32 %)

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy iPad. Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas. Answer the question there, you will receive a little bonus point. It asks how many cats you saw. There are 9 total. You can also pick the cat you like the most here, if you want :)

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
cat 1 Shrity		(1)	7	25.00%								
cat 2 Boxy		(2)	2	7.14%								
cat 3 Flatty		(3)	0	0.00%								
cat 4 Angy		(4)	4	14.29%								
cat 5 Springy		(5)	4	14.29%								
cat 6 Dreamy		(6)	3	10.71%								
cat 7 Bady		(7)	1	3.57%								
cat 8 Beauty		(8)	5	17.86%								
cat 9 Calmy		(9)	2	7.14%								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
28/31 (90.32%)	4.64	2.82	5.00	120	4.98	2.69	5.00	120	4.98	2.69	5.00	

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_90526\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/33 (96.97 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1A - The instructor was well prepared.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%			Question		College		Department			
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	3.13%										
Agree		(5)	1	3.13%										
Strongly agree		(6)	30	93.75%										
					0	25	50	100						
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
32/33 (96.97%)		5.91	0.39	6.00	33298		5.27	1.01	6.00	1148		5.63	0.72	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1B - The instructor presented the subject matter clearly.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means									
Strongly disagree		(1)	0	0.00%			Question		College		Department				
Disagree		(2)	0	0.00%											
Somewhat disagree		(3)	0	0.00%											
Somewhat agree		(4)	2	6.45%											
Agree		(5)	4	12.90%											
Strongly agree		(6)	25	80.65%											
					0	25	50	100	Question		College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
31/33 (93.94%)		5.74	0.58	6.00	33070		5.01	1.25	5.00	1140		5.48	0.91	6.00	

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1C - The instructor provided feedback intended to improve my course performance.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%			Question	College	Department			
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	3.13%								
Agree				(5)	4	12.50%								
Strongly agree				(6)	27	84.38%								
								0	25	50	100			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
32/33 (96.97%)		5.81	0.47	6.00	33091		4.97	1.27	5.00	1145		5.43	0.96	6.00

Virginia Tech  
Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_90526\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/33 (96.97 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1D - The instructor fostered an atmosphere of mutual respect.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	1	3.13%								
Agree		(5)	1	3.13%								
Strongly agree		(6)	30	93.75%								
					0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
32/33 (96.97%)		5.91	0.39	6.00	33060	5.32	1.02	6.00	1146	5.63	0.77	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1E - Overall, the instructor's teaching was effective.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	1	3.13%									
Agree				(5)	2	6.25%									
Strongly agree				(6)	29	90.63%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
32/33 (96.97%)		5.88	0.42	6.00	32910		5.00	1.28	5.00	1140		5.49	0.91	6.00	



Virginia Tech

Fall 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_90526\_202309

Instructor: Zhuo Fu \*

Response Rate: 32/33 (96.97 %)

2 - 2A - What did the instructor do that most helped in your learning?

Zhuo Fu

Response Rate 20/33 (60.61%)

- Was always helpful and never condescending
- Instructor was kind and genuine when teaching content to students; instructor did not want to burden students and lived by the phrase "work smarter, not harder".
- Dr. Fu sets up her lab where you watch and answer questions on the experiment prior to coming in to lab, I greatly benefitted from this unique style and found it beneficial to my learning.
- She remained positive and was incredibly understanding when people were having issues with their labs. She is an absolute rock star of a professor.
- I liked how over the course of the semester she allowed us to try the labs and troubleshoot by ourselves. I think this really helped with learning and trying to figure out what might have gotten wrong.
- All of the videos on canvas, along with the quizzes helped me. She also was always willing to help during lab if a student was stuck. She never put extreme expectations on us, which I think made us have a more positive outlook on failure and success.
- N/A
- explained all topics clearly
- Dr. Fu allowed for us to watch videos before the labs that allowed for us to understand what exactly was going on during the lab.
- I enjoyed the review lectures before the lab began. Dr. Fu kept the course engaging and made sure that everyone was in a good headspace.
- Made the material fun and relatable
- Had the lecture videos that went along with the quizzes to teach us. I really enjoyed how this class was structured, it made it so I enjoyed learning and was not just focused on what my grade was going to be. Having the TAs to help was also really nice and useful.
- The videos that we had to watch before each lab were very helpful.
- Dr. Fu made sure to create a welcoming environment for her students, and she made the concepts we were learning in class very interesting with her funny analogies.
- per-lab videos showing how to do the experiment
- Not faulting students for mistakes made, in fact encourages use to make mistakes.
- Gave detailed lecture videos prior to the labs that helped my understanding of the topic
- Dr Fu reviewed concepts across multiple days rather than just presenting the subject once and never talking about it again
- She gave mini quizzes each week on the general knowledge we needed for the class. This helped me solidify the topics, and helped improve my ability to differentiate the hardest parts to identify in the brain.
- Dr. Fu makes class so enjoyable! She engages with her students and fosters a safe learning environment for students to learn and evolve. She is also funny and kind and takes time out of her day to ensure her students are seen, heard, and feel special. She is one of my favorite professors I have had here at Virginia Tech and I hope to have her again or work with her in some way in the future!

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%			Question	College	Department					
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	3.23%										
Agree		(5)	8	25.81%										
Strongly agree		(6)	22	70.97%										
					0	25	50	100						
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
31/33 (93.94%)		5.68	0.54	6.00	26955		5.05	1.15	5.00	844		5.47	0.87	6.00

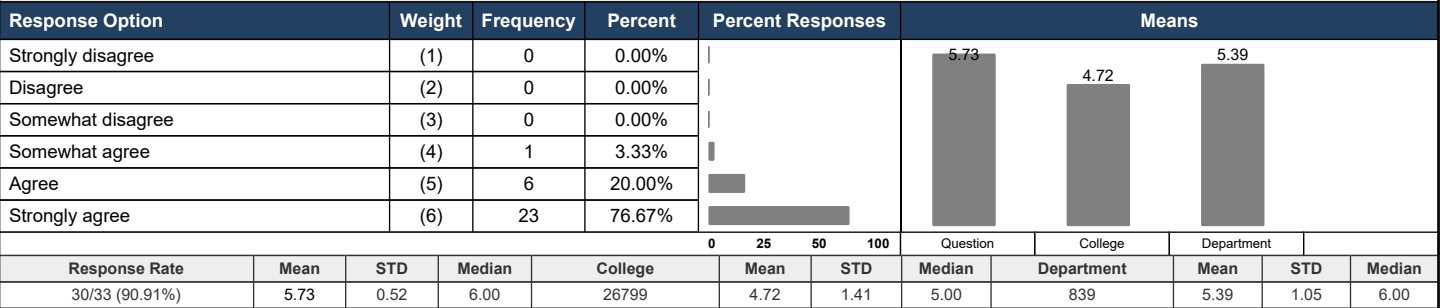
# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_90526\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/33 (96.97 %)

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3B - My interest in the subject matter was stimulated by this course.



### 4 - 4A - What could you have done to be a better learner?

Response Rate	14/33 (42.42%)
<ul style="list-style-type: none"><li>• be more attentive</li><li>• I could have used more external resources such as videos and websites to help me with postlabs.</li><li>• Started the assignments ahead of time.</li><li>• I could have taken better notes</li><li>• I could have taken more time to review the course content before lab</li><li>• I could've studied the material even more.</li><li>• N/A</li><li>• N/A</li><li>• I could have reviewed some of my notes ahead of time to ensure I could answer all of the pre-lab questions in the lectures.</li><li>• Given myself more time to do the virtual lab assignments</li><li>• Gave more time to filling out the post lab quizzes and watching the videos.</li><li>• I'm not sure, I felt well prepared for the class.</li><li>• I could have not waited for the last minute to finish assignments.</li><li>• N/A</li></ul>	

### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

Zhuo Fu	
Response Rate	12/33 (36.36%)
<ul style="list-style-type: none"><li>• Instructor is an absolute charm; I will miss her immensely.</li><li>• I really enjoyed my time with Dr. Fu, I am excited to be her TA next semester.</li><li>• She is awesome</li><li>• Amazing instructor and made sure we were all doing well throughout the course.</li><li>• She is extremely respectful and funny, which makes the learning much more enjoyable. I think she truly understands the content and wants us to learn something new even if we can't remember everything at once. I think she's very realistic.</li><li>• N/A</li><li>• She is vibrant, fun, and exactly what the lab needed</li><li>• Very nice and funny, really wanted us to succeed</li><li>• Dr. Fu has been one of my favorite professors here during my time at Virginia Tech so far.</li><li>• I enjoyed her videos a lot. They never failed to make me laugh.</li><li>• N/A</li><li>• Dr. Fu is one of the most down to earth instructors I have ever had. She is really understanding and overall, just a very enjoyable instructor to have. She is very knowledgeable about the materials and provides any help that may be needed to understand.</li></ul>	

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_90526\_202309

**Instructor:** Zhuo Fu \*

**Response Rate:** 32/33 (96.97 %)

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option			Weight	Frequency	Percent	Percent Responses	Means											
Very Bad			(1)	0	0.00%													
Bad			(2)	0	0.00%													
Poor			(3)	0	0.00%													
Fair			(4)	2	6.25%													
Good			(5)	4	12.50%													
Very Good			(6)	26	81.25%													
							0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median				
32/33 (96.97%)		5.75	0.57	6.00	26672		5.12	0.96	5.00	829		5.41	0.77	6.00				

### 7 - 7A - Please add any comments about the physical environment here:

Response Rate	11/33 (33.33%)
<ul style="list-style-type: none"> <li>• Clean physical environment, however, computers in the lab are slow.</li> <li>• N/A</li> <li>• Great lab space</li> <li>• The lab was always clean, and the people were always kind.</li> <li>• N/A</li> <li>• Very clean and easy to learn in.</li> <li>• New classroom building was very comfortable and thankfully warm.</li> <li>• Kind of hard to see the screen with the lab equipment everywhere</li> <li>• It was a pleasant location to conduct a lab.</li> <li>• I enjoyed having chairs in the lab, that was a nice change.</li> <li>• N/A</li> </ul>	

### 8 - I improved my ability to think independently about the course material.

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	13	40.63%										
Strongly agree		(6)	19	59.38%										
					0	25	50	100	Question	College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
32/33 (96.97%)		5.59	0.50	6.00	26395		5.05	1.00	5.00	845		5.45	0.83	6.00

### 9 - I learned to identify problems and explore different solutions.

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	11	36.67%										
Strongly agree		(6)	19	63.33%										
					0	25	50	100	Question	College	Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
30/33 (90.91%)		5.63	0.49	6.00	26227		5.03	1.02	5.00	836		5.43	0.84	6.00

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_90526\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 32/33 (96.97 %)

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means					
Strongly disagree				(1)	0	0.00%	<div><div></div><div></div><div></div><div></div></div>	<div><div>5.75</div><div>5.06</div><div>5.58</div></div>					
Disagree				(2)	0	0.00%							
Somewhat disagree				(3)	0	0.00%							
Somewhat agree				(4)	0	0.00%							
Agree				(5)	8	25.00%	<div><div></div></div>						
Strongly agree				(6)	24	75.00%	<div><div></div></div>						
							02550100	Question	College	Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median
32/33 (96.97%)		5.75	0.44	6.00	32112		5.06	1.12	5.00	1142	5.58	0.74	6.00

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	24	75.00%									
Strongly agree				(2)	8	25.00%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
32/33 (96.97%)		1.25	0.44	1.00	122		1.16	0.36	1.00	122		1.16	0.36	1.00	

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy iPad. Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas. Answer the question there, you will receive a little bonus point. It asks how many cats you saw. There are 9 total. You can also pick the cat you like the most here, if you want :)

Response Option		Weight	Frequency	Percent	Percent Responses	Means									
cat 1 Shrity		(1)	7	22.58%											
cat 2 Boxy		(2)	3	9.68%											
cat 3 Flatty		(3)	0	0.00%											
cat 4 Angy		(4)	1	3.23%											
cat 5 Springy		(5)	6	19.35%											
cat 6 Dreamy		(6)	5	16.13%											
cat 7 Bady		(7)	2	6.45%											
cat 8 Beauty		(8)	4	12.90%											
cat 9 Calmy		(9)	3	9.68%											
					0	25	50	100	Question	College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
31/33 (93.94%)		4.84	2.81	5.00	120		4.98	2.69	5.00	120		4.98	2.69	5.00	

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2554\_88362\_202309: Experimental Neuroscience-NEUR\_2554\_88362\_202309  
**Instructor:** Dylan Keith McDaniel,Zhuo Fu \*  
**Response Rate:** 16/18 (88.89 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1A - The instructor was well prepared.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%								
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	25.00%								
Strongly agree	(6)	12	75.00%								
					0	25	50	100	Question	College	Department
<b>Response Rate</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>College</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>Department</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>
16/18 (88.89%)	5.75	0.45	6.00	33298	5.27	1.01	6.00	1148	5.63	0.72	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1B - The instructor presented the subject matter clearly.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%								
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	3	18.75%								
Agree	(5)	3	18.75%								
Strongly agree	(6)	10	62.50%								
					0	25	50	100	Question	College	Department
<b>Response Rate</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>College</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>Department</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>
16/18 (88.89%)	5.44	0.81	6.00	33070	5.01	1.25	5.00	1140	5.48	0.91	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1C - The instructor provided feedback intended to improve my course performance.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%								
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	25.00%								
Strongly agree	(6)	12	75.00%								
					0	25	50	100	Question	College	Department
<b>Response Rate</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>College</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>Department</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>
16/18 (88.89%)	5.75	0.45	6.00	33091	4.97	1.27	5.00	1145	5.43	0.96	6.00

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2554\_88362\_202309: Experimental Neuroscience-NEUR\_2554\_88362\_202309  
**Instructor:** Dylan Keith McDaniel,Zhuo Fu \*  
**Response Rate:** 16/18 (88.89 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1D - The instructor fostered an atmosphere of mutual respect.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%			5.75	5.32	5.63	Question	College	Department
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	25.00%								
Strongly agree	(6)	12	75.00%								
					0	25	50	100	Question	College	Department
<b>Response Rate</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>College</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>Department</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>
16/18 (88.89%)	5.75	0.45	6.00	33060	5.32	1.02	6.00	1146	5.63	0.77	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1E - Overall, the instructor's teaching was effective.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%			5.63	5.00	5.49	Question	College	Department
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	1	6.25%								
Agree	(5)	4	25.00%								
Strongly agree	(6)	11	68.75%								
					0	25	50	100	Question	College	Department
<b>Response Rate</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>College</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>	<b>Department</b>	<b>Mean</b>	<b>STD</b>	<b>Median</b>
16/18 (88.89%)	5.63	0.62	6.00	32910	5.00	1.28	5.00	1140	5.49	0.91	6.00

**2 - 2A - What did the instructor do that most helped in your learning?**

**Zhuo Fu**

**Response Rate** 12/18 (66.67%)

- She offered enormously helpful information that was geared towards the type of student taking this particular course (loved the lectures about grad school, research, and grants), but she also extends a great deal of respect to her students and their time, understanding different students' personalities and circumstances and that not all the information covered in the course might be on target for every single student all the time.
- She would give information that applied to real world things such as our future careers. She gave good advice.
- I love Dr. Fu! She was very friendly and you can really tell that she wants to help her students in every way possible. In addition to course material, she gave tips and advice on life, public speaking, graduate school, and things like red flags to look for in future careers in neuroscience. I love having her in class. Dr. Fu is the most encouraging teacher that I have ever had, and you always feel like you she's cheering you on in everything you do. She always brings a smile to her students' faces (at least I know she brought one every time to mine)!
- Just wants you to succeed post grad, great class, both very funny
- Worked with me when I messed up to help me do well.
- I liked the enthusiasm and how we could tell that you wanted to help us succeed. Giving us tips for improving out presentations was helpful.
- Dr. Fu always had a "work smarter not harder" strategy that constantly benefitted me in this class. She had lots of tips and tricks to quickly understand complicated papers or lectures. This helped me a lot in my understanding of concepts I otherwise would have been confused on.
- nothing really
- Showing us ChatGPT and how to use AI to help us understand papers and different material
- You always made everyone feel so encouraged when presenting which helped me learn to be less stressed when presenting.
- Very enthusiastic professor. Really cares about how we develop our public speaking skills.
- made us present to get comfortable w public speaking

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2554\_88362\_202309: Experimental Neuroscience-NEUR\_2554\_88362\_202309  
**Instructor:** Dylan Keith McDaniel,Zhuo Fu \*  
**Response Rate:** 16/18 (88.89 %)

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Strongly disagree	(1)	0	0.00%			5.50	5.05	5.47
Disagree	(2)	0	0.00%					
Somewhat disagree	(3)	1	6.25%					
Somewhat agree	(4)	1	6.25%					
Agree	(5)	3	18.75%					
Strongly agree	(6)	11	68.75%					
					0	25	50	100
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department
16/18 (88.89%)	5.50	0.89	6.00	26955	5.05	1.15	5.00	844

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3B - My interest in the subject matter was stimulated by this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Strongly disagree	(1)	0	0.00%			5.44	4.72	5.39
Disagree	(2)	0	0.00%					
Somewhat disagree	(3)	2	12.50%					
Somewhat agree	(4)	0	0.00%					
Agree	(5)	3	18.75%					
Strongly agree	(6)	11	68.75%					
					0	25	50	100
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department
16/18 (88.89%)	5.44	1.03	6.00	26799	4.72	1.41	5.00	839

### 4 - 4A - What could you have done to be a better learner?

**Response Rate** 11/18 (61.11%)

- I should have had an extra cup of coffee before some of the guest speakers.
- I could have taken more notes during class.
- Nothing. I never missed class and was always fully engaged.
- I feel like I have taken everything I could from this class
- Not be so tired during class.
- I could have written down my questions as the speakers were talking because I would end up forgetting what I wanted to ask until a couple hours after the class.
- I put my all into this class
- nothing
- I could have put more effort into reading the papers, but I do think I was reasonably a good student in this class.
- I wish I hadn't missed the first two classes.
- put more effort into making more engaging presentations

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2554\_88362\_202309: Experimental Neuroscience-NEUR\_2554\_88362\_202309  
**Instructor:** Dylan Keith McDaniel,Zhuo Fu \*  
**Response Rate:** 16/18 (88.89 %)

### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

**Zhuo Fu**

**Response Rate** 9/18 (50%)

- I believe she handled a lot of the assignment setup on Canvas and such, and although her lectures are fantastic, I think her rubrics and assignment description could definitely use some clearer expectations- although this was a minor issue on numerous occasions, specifically the lab interview needed a clearer procedural explanation and its presentation could use an example or just a more specific rubric. Appreciated the freedom for creativity they offered, though!
- Go Dr. Fu! You're wonderful!
- I loved both of the instructors. When I signed up for this course, I expected to be learning about lab techniques, which we did to an extent, but that was not the focus of the class. We learned more about how labs are run and how to read papers and stuff. I feel that a different name for the class or maybe a more descriptive name would be necessary.
- Make this class a required 1 credit class for jr neuro students just talking about research and post grad (so just an info class)
- Incredibly engaged and hardworking professor that likes to have fun
- I feel like after the guest speakers are done talking and ask for questions, most people are trying to finish absorbing what was talked about which could stop us from asking questions immediately. This causes the speaker to think we don't have questions and then it ends there but if you asked questions immediately after it was done, then that would help us either piggy back off your question or jog our memory on what we wanted to ask.
- Amazing professor!
- I love the positive spirit, energy, and encouragement you bring to the classroom.
- You always made it exciting to come to class and I appreciated all of your feedback from presentations.

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Very Bad		(1)	0	0.00%			5.53	5.12	5.41			
Bad		(2)	0	0.00%								
Poor		(3)	0	0.00%								
Fair		(4)	3	20.00%								
Good		(5)	1	6.67%								
Very Good		(6)	11	73.33%								
					02550100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
15/18 (83.33%)		5.53	0.83	6.00	26672	5.12	0.96	5.00	829	5.41	0.77	6.00

### 7 - 7A - Please add any comments about the physical environment here:

**Response Rate** 6/18 (33.33%)

- The classroom and all are great. I would just say that while this course and its structure are awesome and super helpful for experimental neuro majors, the early morning timing of the course was genuinely a bit of an obstacle to its value for a lot of us students- most of the guest speakers were truly quite interesting, but staying focused and awake so early in the morning for extended lectures like that is a struggle, regardless of how cool their content and presenting style were.
- Good environment! Good number of students evenly spaced in a good sized lab classroom.
- I like labs
- I felt like sitting down for a long time made my mind wander after the first hour which disrupted my concentration.
- The chairs were not comfy at ALL and sometimes it was hard to see the screen because of lighting/glare
- class was so long- hard to concentrate the whole time

### 8 - I improved my ability to think independently about the course material.

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%			Question	College	Department			
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	6.67%								
Agree				(5)	3	20.00%								
Strongly agree				(6)	11	73.33%								
							0	25	50	100				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
15/18 (83.33%)		5.67	0.62	6.00	26395		5.05	1.00	5.00	845		5.45	0.83	6.00



Virginia Tech

Fall 2023 VT Student Perceptions of Teaching (SPOT)

Course:	NEUR_2554_88362_202309: Experimental Neuroscience-NEUR_2554_88362_202309
Instructor:	Dylan Keith McDaniel,Zhuo Fu *
Response Rate:	16/18 (88.89 %)

9 - I learned to identify problems and explore different solutions.

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%								
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	7.14%								
Agree				(5)	1	7.14%								
Strongly agree				(6)	12	85.71%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
14/18 (77.78%)		5.79	0.58	6.00	26227		5.03	1.02	5.00	836		5.43	0.84	6.00

10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%								
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	6.67%								
Agree				(5)	2	13.33%								
Strongly agree				(6)	12	80.00%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
15/18 (83.33%)		5.73	0.59	6.00	32112		5.06	1.12	5.00	1142		5.58	0.74	6.00

# Virginia Tech



## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88353\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 30/32 (93.75 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1A - The instructor was well prepared.



Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	1	3.33%										
Strongly agree		(6)	29	96.67%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
30/32 (93.75%)		5.97	0.18	6.00	33298		5.27	1.01	6.00	1148		5.63	0.72	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1B - The instructor presented the subject matter clearly.


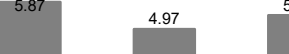
Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means									
Strongly disagree		(1)	0	0.00%											
Disagree		(2)	1	3.33%											
Somewhat disagree		(3)	0	0.00%											
Somewhat agree		(4)	1	3.33%											
Agree		(5)	4	13.33%											
Strongly agree		(6)	24	80.00%											
					0	25	50	100	Question	College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
30/32 (93.75%)		5.67	0.84	6.00	33070		5.01	1.25	5.00	1140		5.48	0.91	6.00	

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1C - The instructor provided feedback intended to improve my course performance.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means											
Strongly disagree				(1)	0	0.00%													
Disagree				(2)	0	0.00%													
Somewhat disagree				(3)	0	0.00%													
Somewhat agree				(4)	0	0.00%													
Agree				(5)	4	13.33%													
Strongly agree				(6)	26	86.67%													
								0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College			Mean	STD	Median	Department		Mean	STD	Median				
30/32 (93.75%)		5.87	0.35	6.00	33091			4.97	1.27	5.00	1145		5.43	0.96	6.00				

# Virginia Tech



## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88353\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 30/32 (93.75 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1D - The instructor fostered an atmosphere of mutual respect.


Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	1	3.33%										
Strongly agree		(6)	29	96.67%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
30/32 (93.75%)		5.97	0.18	6.00	33060		5.32	1.02	6.00	1146		5.63	0.77	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1E - Overall, the instructor's teaching was effective.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means											
Strongly disagree				(1)	0	0.00%		5.86		5.00		5.49							
Disagree				(2)	0	0.00%													
Somewhat disagree				(3)	0	0.00%													
Somewhat agree				(4)	1	3.45%													
Agree				(5)	2	6.90%													
Strongly agree				(6)	26	89.66%													
								0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College			Mean	STD	Median	Department		Mean	STD	Median				
29/32 (90.62%)		5.86	0.44	6.00	32910			5.00	1.28	5.00	1140		5.49	0.91	6.00				

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88353\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 30/32 (93.75 %)

### 2 - 2A - What did the instructor do that most helped in your learning?

Zhuo Fu

**Response Rate** 23/32 (71.88%)

- Made the class engaging and really showed that she cared for her students first
- Did not care if we failed as long as we were learning which took away the fear of not doing well in the class and allowed us to immerse ourselves in the lab.
- Dr. Fu was always very enthusiastic and positive, which motivated my peers and I to do well. Towards the end of the semester, she started including questions about concepts from earlier labs on our pre-lab assignments to help with content retention and review for the final; I appreciated this!
- She was very engaging, and it felt very interactive.
- Allowing us to make mistakes without penalty in grades.
- I thought the modules were very well done
- She was very personable and made sure that the students understood what she was saying.
- Provided all the context in a lot of detail
- She posted videos of the lab beforehand, and I found this really helpful.
- She helped us become more independent when doing experiments.
- She made the class fun and gave opportunities to LEARN rather than just worry about grades.
- Was enthusiastic in class.
- I loved how Dr. Fu had videos of herself doing the experiments, I found it really helpful so I could walk into lab and know exactly what I was expected to do.
- She reviewed the key information for the lab skills during class before we started the lab. She had videos showing the steps to the calculations and procedures for each lab.
- The instructor explained concepts from the video very well in class prior to each lab. The experiment videos in each module were also very helpful in preparing me for each lab and allowed me to be efficient in completing it in class.
- (First of all, I love Dr. Fu!) I appreciated that Dr. Fu gave us all the information before the lab, then explained the most important information in lab before we started. And I liked that she told us that it's okay if things don't go as planned the first time and that trial and error is how the real world will be like and it's okay to ask questions AND figure it out on our own.
- Assign different TA's to different groups and provide lecture videos to watch asynchronously.
- The lab manual reviews at the beginning of the lab, and the comfortable ease within the lab lecture videos made the course and material very engaging.
- The lab videos that we had to watch before class and take quizzes on made the actual lab a lot easier to execute and understand.
- Before lab going over key concepts that we needed to know and reviewing what happened in the videos
- The structure of the lab was very good, and there was never really a time where I didn't know what I was doing in the lab because of the videos we would watch before going to class.
- Dr Fu is so funny and she makes everyone feel comfortable. She asks a lot of questions during labs to encourage critical thinking.
- Her lecture videos were entertaining, while being very informative.

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%			5.63	5.05	5.47			
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	11	36.67%								
Strongly agree	(6)	19	63.33%								
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
30/32 (93.75%)	5.63	0.49	6.00	26955	5.05	1.15	5.00	844	5.47	0.87	6.00

Virginia Tech

Fall 2023 VT Student Perceptions of Teaching (SPOT)

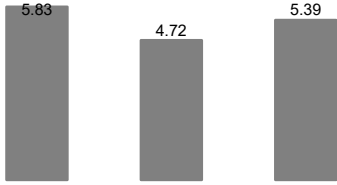


Course: NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88353\_202309

Instructor: Zhuo Fu \*

Response Rate: 30/32 (93.75 %)

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3B - My interest in the subject matter was stimulated by this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Strongly disagree	(1)	0	0.00%					
Disagree	(2)	0	0.00%					
Somewhat disagree	(3)	0	0.00%					
Somewhat agree	(4)	0	0.00%					
Agree	(5)	5	16.67%					
Strongly agree	(6)	25	83.33%					
					0	25	50	100
					Question		College	
							Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department
30/32 (93.75%)	5.83	0.38	6.00	26799	4.72	1.41	5.00	839

4 - 4A - What could you have done to be a better learner?

Response Rate	18/32 (56.25%)
<ul style="list-style-type: none"><li>• Done more of my own research outside of lab to study the material</li><li>• Spent more time with the lab material before the in person lab.</li><li>• I could have made more of an effort to retain the information from lab. In the beginning of the semester, Dr. Fu recommended taking notes while watching the pre-lab modules, and I should have followed her advice!</li><li>• Read the lab manuals more in depth before coming to class.</li><li>• I could have spent more time out of class researching the materials.</li><li>• pay more attention to the data we collected to get more accurate results</li><li>• I could have been more punctual.</li><li>• Review the lab manuals more.</li><li>• I could have spent more time studying and reading the lab manual.</li><li>• Taken more notes.</li><li>• I could've taken more detailed notes, but I'm revising my notes to prepare for the final!</li><li>• I could have reviewed the information more to know the names of the key information better. I could have been less passive in the preparation for the lab.</li><li>• I think re-watching the experiment video of each module right before each lab session would have benefitted me and refreshed my memory for each lab. I think that also taking more time to take elaborate notes for each video would have helped as well.</li><li>• Complete the modules before Friday and ask questions if I had any.</li><li>• Taken notes more often on the lab material.</li><li>• I could have used the information she taught us in lab and applied it more to my other neuroscience classes</li><li>• Some of the video quizzes I didn't watch the actual videos, instead just looking up any information or using information learned from the NEUR 2025 class.</li><li>• Taking more time with the modules assigned</li></ul>	

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88353\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 30/32 (93.75 %)

### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

**Zhuo Fu**

**Response Rate** 13/32 (40.62%)

- Very kind and warm personality that fostered a fun learning environment. One of the few lab professors that I felt actually cared about students and there learning as well as personal life.
- Dr. Fu is very smart and respectable as an instructor, but her accent is a little hard to understand, which can lead to some confusion while taking pre-lab quizzes. The videos in the modules she uploads have automatic captioning, but the captions often do not match what she is saying. I think making manual captions for some of the videos could be helpful.
- N/A
- The workload outside of class felt very heavy for a 1 credit hour class. But I loved the in class time and I loved Dr. Fu. I didn't expect to like this course but she made me love it.
- Dr. Fu's class was probably my favorite class this semester!
- I appreciated how much she explained the processes to us but I feel like it hindered us from thinking more critically to do since it was so clearly laid out step by step. Loved the class and made me get very enthusiastic about neuroscience.
- I can't wait to TA for you!!
- Great professor!
- Thank you for a great semester!
- I loved this class thank you.
- I love Dr. Fu! She was a great professor, very funny and cares a lot about our understanding of the content. I am glad that I got to take a class with her.
- Literally the nicest instructor ever!
- Amazing lab professor, provided a great first experience within a neruo lab setting!

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Very Bad		(1)	0	0.00%	<div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Bad		(2)	0	0.00%								
Poor		(3)	0	0.00%								
Fair		(4)	0	0.00%								
Good		(5)	6	20.69%								
Very Good		(6)	23	79.31%								
					02550100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
29/32 (90.62%)		5.79	0.41	6.00	26672	5.12	0.96	5.00	829	5.41	0.77	6.00

### 7 - 7A - Please add any comments about the physical environment here:

**Response Rate** 4/32 (12.5%)

- Good
- N/A
- The environment worked well.
- Good physical environment, each table only had 6 people which allowed for not too much crowding.

### 8 - I improved my ability to think independently about the course material.

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	2	6.67%										
Agree		(5)	8	26.67%										
Strongly agree		(6)	20	66.67%										
					0	25	50	100	Question	College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
30/32 (93.75%)		5.60	0.62	6.00	26395		5.05	1.00	5.00	845		5.45	0.83	6.00

# Virginia Tech

## Fall 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_88353\_202309: Neuroscience Laboratory 2023FA-NEUR\_2035\_88353\_202309  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 30/32 (93.75 %)

### 9 - I learned to identify problems and explore different solutions.

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	0	0.00%								
Agree		(5)	10	34.48%								
Strongly agree		(6)	19	65.52%								
					0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
29/32 (90.62%)		5.66	0.48	6.00	26227	5.03	1.02	5.00	836	5.43	0.84	6.00

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	10	33.33%									
Strongly agree				(6)	20	66.67%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
30/32 (93.75%)		5.67	0.48	6.00	32112		5.06	1.12	5.00	1142		5.58	0.74	6.00	

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	26	86.67%	<div><div></div></div>	<div><div>1.13</div><div>1.16</div><div>1.16</div></div>						
Strongly agree				(2)	4	13.33%	<div><div></div></div>							
02550100								Question	College	Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
30/32 (93.75%)		1.13	0.35	1.00	122		1.16	0.36	1.00	122		1.16	0.36	1.00

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy iPad. Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas. Answer the question there, you will receive a little bonus point. It asks how many cats you saw. There are 9 total. You can also pick the cat you like the most here, if you want :)

Response Option				Weight	Frequency	Percent	Percent Responses		Means					
cat 1 Shrity				(1)	2	6.90%								
cat 2 Boxy				(2)	3	10.34%								
cat 3 Flatty				(3)	2	6.90%								
cat 4 Angy				(4)	1	3.45%								
cat 5 Springy				(5)	9	31.03%								
cat 6 Dreamy				(6)	5	17.24%								
cat 7 Bady				(7)	1	3.45%								
cat 8 Beauty				(8)	3	10.34%								
cat 9 Calmy				(9)	3	10.34%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median	
29/32 (90.62%)		5.21	2.32	5.00	120		4.98	2.69	5.00	120	4.98	2.69	5.00	

Course: NEUR\_2026\_64430\_202306: Introduction to Neuroscience-NEUR\_2026\_64430\_202306

Instructor: Zhuo Fu \*

Response Rate: 16/24 (66.67 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1A - The instructor was well prepared.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	2	12.50%	<div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	5.19	5.22	5.38			
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	0	0.00%								
Agree		(5)	3	18.75%	<div><div></div></div>							
Strongly agree		(6)	11	68.75%	<div><div></div></div>							
02550100												
Response Rate		Mean	STD	Median	College	Mean	STD	Median	College	Department		
16/24 (66.67%)		5.19	1.68	6.00	660	5.22	1.14	6.00	47	5.38	1.26	6.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1B - The instructor presented the subject matter clearly.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	2	12.50%	<div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	5.19	5.11	5.46				
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	3	18.75%	<div><div></div></div>								
Strongly agree				(6)	11	68.75%	<div><div></div></div>								
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
16/24 (66.67%)		5.19	1.68	6.00	656		5.11	1.21	5.00	48		5.46	1.25	6.00	

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1C - The instructor provided feedback intended to improve my course performance.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means											
Strongly disagree				(1)	2	12.50%	<div><div></div></div>	<div><div>5.25</div><div>5.08</div><div>5.42</div></div>											
Disagree				(2)	0	0.00%													
Somewhat disagree				(3)	0	0.00%													
Somewhat agree				(4)	0	0.00%													
Agree				(5)	2	12.50%	<div><div></div></div>												
Strongly agree				(6)	12	75.00%	<div><div></div></div>												
								0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median					
16/24 (66.67%)		5.25	1.69	6.00	659		5.08	1.25	5.00	48		5.42	1.30	6.00					



Course: NEUR\_2026\_64430\_202306: Introduction to Neuroscience-NEUR\_2026\_64430\_202306

Instructor: Zhuo Fu \*

Response Rate: 16/24 (66.67 %)

## 1 - Please indicate the extent to which you agree or disagree with each of the following statements:

## 1D - The instructor fostered an atmosphere of mutual respect.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	2	12.50%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	2	12.50%									
Strongly agree				(6)	12	75.00%									
02550100												Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median			
16/24 (66.67%)		5.25	1.69	6.00	657	5.30	1.08	6.00	48	5.52	1.24	6.00			

## 1 - Please indicate the extent to which you agree or disagree with each of the following statements:

## 1E - Overall, the instructor's teaching was effective.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	2	12.50%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	2	12.50%									
Strongly agree				(6)	12	75.00%									
02550100												Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median			
16/24 (66.67%)		5.25	1.69	6.00	647	5.09	1.28	6.00	48	5.44	1.27	6.00			

## 2 - 2A - What did the instructor do that most helped in your learning?

Zhuo Fu

Response Rate 11/24 (45.83%)

- Asynchronous class was well organized and expectations were clear.
- Very easy to understand course, clear instructions.
- Great powerpoints that were easy to read
- Posted all materials at the beginning of the semester
- She provided memory aids and helped with the lecture to make it more efficient.
- Dr. Fu encouraged us to use multiple modes of synthesizing new information from study guides to review quizzes and lecture reviews.
- She provided many additional resources to help us succeed in the course.
- She provided great resources and was always open to help having our best interest at heart.
- Allowed a grace period for missed assignments and quickly responded to emails.
- Very detailed powerpoints
- She was very accommodating.

**Course:** NEUR\_2026\_64430\_202306: Introduction to Neuroscience-NEUR\_2026\_64430\_202306

**Instructor:** Zhuo Fu \*

**Response Rate:** 16/24 (66.67 %)

**3 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**3A - I have a deeper understanding of the subject matter as a result of this course.**

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree		(1)	1	6.25%		5.31		5.06		5.53						
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	0	0.00%												
Somewhat agree		(4)	0	0.00%												
Agree		(5)	6	37.50%												
Strongly agree		(6)	9	56.25%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
16/24 (66.67%)		5.31	1.25	6.00	628		5.06	1.19	5.00	47		5.53	0.88	6.00		

**3 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**3B - My interest in the subject matter was stimulated by this course.**

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	1	6.25%		5.38		4.78	5.62					
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	5	31.25%										
Strongly agree		(6)	10	62.50%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
16/24 (66.67%)		5.38	1.26	6.00	622		4.78	1.43	5.00	47		5.62	0.85	6.00

**4 - 4A - What could you have done to be a better learner?**

**Response Rate** 10/24 (41.67%)

- It was the summer, so my schedule was unpredictable with work, but that is out of my control.
- -
- Spent more time studying
- I could have stayed on top of the schedule.
- I could have watched all of the video lectures in their entirety instead of reviewing the powerpoints.
- tried to get ahead more and deeply understand the material.
- Time managed me better to take more time on each of the subject topics as this is all interesting.
- I could have been proactive about completing study guides.
- Less questions on the study guides
- I could have done more study guides.

**5 - 5A - Please add any additional comments regarding the course and/or instructor here:**

**Zhuo Fu**

**Response Rate** 8/24 (33.33%)

- N/A
- Understanding and clear instructor.
- Dr. Fu is my favorite instructor in the neuroscience department!!!!
- She was amazing!
- Great instructor very collaborative and supportive.
- Dr. Fu is a lovely professor!
- N/A
- Thank you!

## Summer II and III 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2026\_64430\_202306: Introduction to Neuroscience-NEUR\_2026\_64430\_202306

Instructor: Zhuo Fu \*

Response Rate: 16/24 (66.67 %)

**6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?**

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Very Bad		(1)	0	0.00%										
Bad		(2)	0	0.00%										
Poor		(3)	1	6.25%										
Fair		(4)	1	6.25%										
Good		(5)	5	31.25%										
Very Good		(6)	9	56.25%										
					0	25	50	100	Question	College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
16/24 (66.67%)		5.38	0.89	6.00	618		5.11	1.02	5.00	47		5.36	0.82	6.00

**7 - 7A - Please add any comments about the physical environment here:**

Response Rate 8/24 (33.33%)

- N/A
- Online class, so it was good. (My room is comfortable)
- Online
- virtual
- This was an asynchronous summer course.
- I took this course online
- N/A (all online)
- n/a

**8 - I improved my ability to think independently about the course material.**

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	1	6.25%								
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	0	0.00%								
Agree				(5)	6	37.50%								
Strongly agree				(6)	9	56.25%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median	
16/24 (66.67%)		5.31	1.25	6.00	623		5.15	1.00	5.00	46	5.43	1.07	6.00	

**9 - I learned to identify problems and explore different solutions.**

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	1	6.25%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	6	37.50%										
Strongly agree		(6)	9	56.25%										
					0	25	50	100	Question	College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
16/24 (66.67%)		5.31	1.25	6.00	617		5.14	0.97	5.00	47		5.51	0.86	6.00

Virginia Tech

Summer II and III 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2026\_64430\_202306: Introduction to Neuroscience-NEUR\_2026\_64430\_202306

Instructor: Zhuo Fu \*

Response Rate: 16/24 (66.67 %)

10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	1	6.25%	■	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>5.385.145.64</div>							
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	0	0.00%									
Agree	(5)	5	31.25%	■								
Strongly agree	(6)	10	62.50%	■								
					02550100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
16/24 (66.67%)	5.38	1.26	6.00	652	5.14	1.10	5.00	47	5.64	0.82	6.00	

# Virginia Tech

## Summer I 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_63446\_202306: Neuroscience Laboratory-NEUR\_2035\_63446\_202306  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 20/22 (90.91%)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1A - The instructor was well prepared.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	5.00%	<div><div></div></div>	<div>5.55</div> <div>5.19</div> <div>5.75</div>						
Disagree	(2)	0	0.00%	<div><div></div></div>							
Somewhat disagree	(3)	0	0.00%	<div><div></div></div>							
Somewhat agree	(4)	1	5.00%	<div><div></div></div>							
Agree	(5)	2	10.00%	<div><div></div></div>							
Strongly agree	(6)	16	80.00%	<div><div></div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)	5.55	1.19	6.00	883	5.19	1.13	6.00	52	5.75	0.81	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1B - The instructor presented the subject matter clearly.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	5.00%	<div><div></div></div>	<div>5.40</div> <div>5.00</div> <div>5.71</div>						
Disagree	(2)	0	0.00%	<div><div></div></div>							
Somewhat disagree	(3)	0	0.00%	<div><div></div></div>							
Somewhat agree	(4)	1	5.00%	<div><div></div></div>							
Agree	(5)	5	25.00%	<div><div></div></div>							
Strongly agree	(6)	13	65.00%	<div><div></div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)	5.40	1.19	6.00	879	5.00	1.29	5.00	52	5.71	0.80	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1C - The instructor provided feedback intended to improve my course performance.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	5.00%	<div><div></div></div>	<div>5.05</div> <div>4.91</div> <div>5.42</div>						
Disagree	(2)	0	0.00%	<div><div></div></div>							
Somewhat disagree	(3)	0	0.00%	<div><div></div></div>							
Somewhat agree	(4)	3	15.00%	<div><div></div></div>							
Agree	(5)	8	40.00%	<div><div></div></div>							
Strongly agree	(6)	8	40.00%	<div><div></div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)	5.05	1.19	5.00	877	4.91	1.38	5.00	52	5.42	1.00	6.00

# Virginia Tech

## Summer I 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_63446\_202306: Neuroscience Laboratory-NEUR\_2035\_63446\_202306  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 20/22 (90.91 %)

### 1 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 1D - The instructor fostered an atmosphere of mutual respect.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	1	5.00%	<div><div></div></div>	<div><div>5.55</div></div>	<div><div>5.26</div></div>	<div><div>5.79</div></div>				
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	0	0.00%								
Agree		(5)	4	20.00%								
Strongly agree		(6)	15	75.00%								
					02550100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)		5.55	1.15	6.00	878	5.26	1.07	6.00	52	5.79	0.75	6.00

### 1 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 1E - Overall, the instructor's teaching was effective.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree				(1)	1	5.00%												
Disagree				(2)	0	0.00%												
Somewhat disagree				(3)	0	0.00%												
Somewhat agree				(4)	1	5.00%												
Agree				(5)	3	15.00%												
Strongly agree				(6)	15	75.00%												
							0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median				
20/22 (90.91%)		5.50	1.19	6.00	862		5.01	1.32	5.00	52		5.73	0.82	6.00				

### 2 - 2A - What did the instructor do that most helped in your learning?

Zhuo Fu

Response Rate	16/22 (72.73%)
<ul style="list-style-type: none"> <li>Everything was super helpful that was done.</li> <li>Dr. Fu taught us the steps of lab very clearly, and she was also very funny.</li> <li>her videos were very helpful and I liked how the questions are in the video</li> <li>Very interactive, even being online</li> <li>lots of videos! also a chance to learn from my mistakes on the post labs</li> <li>She made her videos concise and straightforward that I could easily find information to study. She also provided good study tips that were very helpful, and was overall quite helpful. .</li> <li>Be responsive and upbeat even through an asynchronous course</li> <li>Learning through the use of several questions in video quizzes and Post labs was an effective method to me. The videos and the questions are aligned such that one can hardly miss the correct answers to the questions. That was perfect from Dr. Fu. She always brought important details to our attention in the videos. I liked her mode of teaching.</li> <li>She repeats information a lot. The constant reminders really drilled information into my head. She also asks questions throughout the videos which forces me to remember information.</li> <li>Overall the way she did the lab was great. There was a good use of video and labels and explanations for everything.</li> <li>She went into more depth in lecture and she provided pdf's of the powerpoints so I could easily follow along.</li> <li>Her jokes and little cartoons during the video helped stay engaged during the lecture and the experiment videos.</li> <li>experimental videos and a lot of detailed instructions and explanations</li> <li>The instructor would relate topics to pop culture or include tips on how to better remember things.</li> <li>Dr. Fu was super engaging with an online lab! She laid everything out that we had to complete for the lab in a very clear way that helped manage all of the work and get it done on time.</li> <li>Her videos made it easy to understand what was going on in the lab sessions!</li> </ul>	

# Virginia Tech

## Summer I 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_63446\_202306: Neuroscience Laboratory-NEUR\_2035\_63446\_202306  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 20/22 (90.91 %)

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	1	5.00%	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	5.40		5.09		5.69				
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	5.00%										
Agree		(5)	5	25.00%										
Strongly agree		(6)	13	65.00%										
					0	25	50	100	Question	College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
20/22 (90.91%)		5.40	1.19	6.00	803		5.09	1.13	5.00	42		5.69	0.87	6.00

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3B - My interest in the subject matter was stimulated by this course.

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	1	5.00%	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	5.35	4.76	5.64				
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	5.00%								
Agree				(5)	6	30.00%								
Strongly agree				(6)	12	60.00%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median	
20/22 (90.91%)		5.35	1.18	6.00	796		4.76	1.38	5.00	42	5.64	0.88	6.00	

### 4 - 4A - What could you have done to be a better learner?

**Response Rate** 14/22 (63.64%)

- I'm not sure.
- I could have done the lab requirements sooner
- take more thorough notes than I did
- n/a
- I could have put in more time to study the material and not be so impatient to rush through the quizzes that I end up making silly mistakes.
- I could have practiced more how to extract data in Lab chart and Lab chart reader. It was one of the challenging aspects for this course to me. But I will continue learning
- It was easy to not give my all to this since it was an online class. I should have read each lab manual BEFORE the experiment instead of looking up information asked for in questions.
- I could have spent a bit more time with the material.
- I could do the assignments in a more timely manner.
- I wish there was a text version of the lecture because I learn better reading than I do watching videos, and sometimes the videos did not really help.
- time management
- Started the labs earlier.
- Trying to think more critically on some questions would have saved me time on postlabs.
- I could have asked more questions during class.

# Virginia Tech

## Summer I 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_63446\_202306: Neuroscience Laboratory-NEUR\_2035\_63446\_202306  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 20/22 (90.91 %)

### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

**Zhuo Fu**

**Response Rate** 9/22 (40.91%)

- Adding a transcript or subtitles to the videos would be helpful for me because I struggle with audio somethings because I have auditory processing disorder because of my ADHD.
- She was a wonderful professor to learn from
- She was overall a good instructor.
- Overall, the course has triggered my interest in neuroscience. Dr. Fu summarized most of the things, making it look easier for us. I will look forward to learn with her again
- She was great.
- n/a
- Thank you!
- Super fun and engaging instructor that talked to us somewhat like a friend, making everything in the lab more approachable.
- Amazing teacher who really cares about her students and she also cares about what her students think could be done to make the class better!

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option				Weight	Frequency	Percent	Percent Responses	Means											
Very Bad				(1)	0	0.00%													
Bad				(2)	0	0.00%													
Poor				(3)	0	0.00%													
Fair				(4)	2	10.00%													
Good				(5)	9	45.00%													
Very Good				(6)	9	45.00%													
								0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College			Mean	STD	Median	Department		Mean	STD	Median				
20/22 (90.91%)		5.35	0.67	5.00	794			5.09	0.99	5.00	43		5.60	0.62	6.00				

### 7 - 7A - Please add any comments about the physical environment here:

**Response Rate** 10/22 (45.45%)

- virtual
- There really wasn't one but the online environment was very nice.
- I took this course online
- The videos made it easier to go back and listen to a part again when needed to understand something better
- I was glad I was able to take this course at the comfort of my own home and was able to choose where to study.
- The content and mode of learning made me feel like I was actually interacting with Dr. Fu physically. I enjoyed learning in this environment. However, I would have liked to do some of the experiments in the lab myself, physically. I would also like to pin a cockroach and expose those nerve codes while taking the readings.
- Sometimes I get confused because of her accent, but that's not her fault and is probably better in person.
- online.
- I can see how there may be challenges related to experiencing and learning from a lab virtually, however I think the instructor did a really good job at conveying the material
- With it being an online class, there's no real physical environment.

### 8 - I improved my ability to think independently about the course material.

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%										
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	2	10.00%										
Agree		(5)	8	40.00%										
Strongly agree		(6)	10	50.00%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
20/22 (90.91%)		5.40	0.68	5.50	793		5.08	1.02	5.00	43		5.67	0.57	6.00



# Virginia Tech

## Summer I 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_63446\_202306: Neuroscience Laboratory-NEUR\_2035\_63446\_202306  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 20/22 (90.91 %)

### 9 - I learned to identify problems and explore different solutions.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%		5.35	5.06	5.65				
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	1	5.00%								
Agree	(5)	11	55.00%		5.06	1.04	5.00	43	5.65	0.53	6.00
Strongly agree	(6)	8	40.00%								
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)	5.35	0.59	5.00	797	5.06	1.04	5.00	43	5.65	0.53	6.00

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%		5.42	5.02	5.76				
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	1	5.26%								
Agree	(5)	9	47.37%		5.02	1.17	5.00	51	5.76	0.47	6.00
Strongly agree	(6)	9	47.37%								
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
19/22 (86.36%)	5.42	0.61	5.00	867	5.02	1.17	5.00	51	5.76	0.47	6.00

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
strongly disagree	(1)	16	80.00%		1.20	1.20	1.20				
strongly agree	(2)	4	20.00%								
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)	1.20	0.41	1.00	20	1.20	0.41	1.00	20	1.20	0.41	1.00

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy ipad (even I hate mac, I have to say apple pencil rocks). Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas to answer the question there to receive your bonus point. (It asks how many cats you saw, and there are 9 total.) You can also pick the cat you like the most here if you want :p

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
cat 1 Shirty	(1)	1	5.00%		4.45	4.45	4.45				
cat 2 Boxy	(2)	5	25.00%								
cat 3 Flatty	(3)	3	15.00%								
cat 4 Angy	(4)	1	5.00%								
cat 5 Springy	(5)	2	10.00%								
cat 6 Dreamy	(6)	5	25.00%								
cat 7 Bady	(7)	0	0.00%								
cat 8 Beauty	(8)	2	10.00%								
cat 9 Calmy	(9)	1	5.00%								
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
20/22 (90.91%)	4.45	2.37	4.50	20	4.45	2.37	4.50	20	4.45	2.37	4.50

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18441\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 29/30 (96.67 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1A - The instructor was well prepared.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	3.45%	<div></div>	<div> <div>5.69</div> <div>5.26</div> <div>5.57</div> </div>						
Disagree	(2)	0	0.00%	<div></div>							
Somewhat disagree	(3)	0	0.00%	<div></div>							
Somewhat agree	(4)	0	0.00%	<div></div>							
Agree	(5)	4	13.79%	<div></div>							
Strongly agree	(6)	24	82.76%	<div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
29/30 (96.67%)	5.69	0.97	6.00	27460	5.26	1.07	6.00	1030	5.57	0.90	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1B - The instructor presented the subject matter clearly.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	3.57%	<div></div>	<div> <div>5.57</div> <div>5.01</div> <div>5.47</div> </div>						
Disagree	(2)	0	0.00%	<div></div>							
Somewhat disagree	(3)	0	0.00%	<div></div>							
Somewhat agree	(4)	2	7.14%	<div></div>							
Agree	(5)	3	10.71%	<div></div>							
Strongly agree	(6)	22	78.57%	<div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/30 (93.33%)	5.57	1.07	6.00	27249	5.01	1.28	5.00	1022	5.47	0.96	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1C - The instructor provided feedback intended to improve my course performance.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	3.57%	<div></div>	<div> <div>5.57</div> <div>4.96</div> <div>5.39</div> </div>						
Disagree	(2)	0	0.00%	<div></div>							
Somewhat disagree	(3)	0	0.00%	<div></div>							
Somewhat agree	(4)	1	3.57%	<div></div>							
Agree	(5)	5	17.86%	<div></div>							
Strongly agree	(6)	21	75.00%	<div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/30 (93.33%)	5.57	1.03	6.00	27284	4.96	1.31	5.00	1027	5.39	1.06	6.00

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18441\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 29/30 (96.67 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1D - The instructor fostered an atmosphere of mutual respect.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	3.57%	<div><div></div></div>	<div> <div>5.75</div> <div>5.28</div> <div>5.62</div> </div>						
Disagree	(2)	0	0.00%	<div><div></div></div>							
Somewhat disagree	(3)	0	0.00%	<div><div></div></div>							
Somewhat agree	(4)	0	0.00%	<div><div></div></div>							
Agree	(5)	2	7.14%	<div><div></div></div>							
Strongly agree	(6)	25	89.29%	<div><div></div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/30 (93.33%)	5.75	0.97	6.00	27234	5.28	1.10	6.00	1023	5.62	0.87	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1E - Overall, the instructor's teaching was effective.**

**Zhuo Fu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	3.57%	<div><div></div></div>	<div> <div>5.68</div> <div>4.99</div> <div>5.45</div> </div>						
Disagree	(2)	0	0.00%	<div><div></div></div>							
Somewhat disagree	(3)	0	0.00%	<div><div></div></div>							
Somewhat agree	(4)	1	3.57%	<div><div></div></div>							
Agree	(5)	2	7.14%	<div><div></div></div>							
Strongly agree	(6)	24	85.71%	<div><div></div></div>							
					0	25	50	100	Question	College	Department
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
28/30 (93.33%)	5.68	1.02	6.00	27151	4.99	1.32	5.00	1022	5.45	1.02	6.00

Virginia Tech

Spring 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18441\_202301

Instructor: Zhuo Fu \*

Response Rate: 29/30 (96.67 %)

2 - 2A - What did the instructor do that most helped in your learning?

Zhuo Fu

Response Rate 26/30 (86.67%)

- Engaged the class with questions to pressure us to really think
- She made lectures fun and funny and she always made jokes in class that helped ease stresses of working in a lab environment!
- Always made herself available to help with surgeries, and spoke to us as peers.
- I enjoyed her pre-lab videos because it helped prepare us for the actual in person lab, and assisted us with making less mistakes.
- She was personally active in ensuring we not only understood what we did in lab but could recreate it.
- She gave us step by step lab instructions to make sure we were completing the experiments properly, as well as coming around and helping groups that needed it.
- Didn't take things too seriously. The fact that there were jokes littered through each presentation among other things made her very approachable and made the information more engaging.
- Used cartoons to help remember the structures and came up with other ways to help us remember things
- She was also willing to answer questions and provide feedback in lab and over email.
- Very willing to provide help at any point in time and very understanding.
- Provided detailed lab manuals that were easy to read and follow
- give us ways to remember certain topics
- Dr. Fu is excellent at explaining the material while also making the lab environment enjoyable and conducive to learning. This has been my favorite lab ever at Tech due to Dr. Fu's personality and easy way of explaining. Any questions asked are explained in a detailed way and she always ensures her students understand what each assignment is.
- She went around and helped us when we needed instead of sitting at her desk and just leaving us alone to fail.
- Dr. Fu provided very detailed and thoughtful instructional videos for each of the labs which most helped my learning.
- Her videos made the lab very accessible. Even though we were doing some complicated stuff, I was able to do all of it with the help of the pre-lab videos. I also think her post-lab tests helped to summarize everything and helped me learn at least a little something each time. I believe she wanted to show us skills that we actually would use in a lab/research setting.
- Best teacher ever! Explain material very well
- The video demonstrations and video quizzes were good, i also like how you check in with everyone personally and are easy going.
- She found a way to make key concepts or lessons memorable, which then helped me learn them better.
- She presented the material in an incredibly reinforcing way. I learned a lot from her online and in-person module system.
- Giving students an abundance of material to be aware of and learn before the labs, and then allowing students to perform labs with a fairly hands-off approach
- Dr. Fu was very good at lecturing information and explaining specific sections that were relevant to the lab we would be doing that day.
- She had the videos that helped explain the process of the labs and made it fun and easy to understand and was always willing to help.
- Explaining everything right before the lab was extremely beneficial
- She was very understanding and helped me with every lab and quiz assignment.
- She was an excellent guide and was there throughout all procedures! She was always so encouraging and made the class enjoyable to go to.

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	1	3.45%									
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	1	3.45%									
Agree		(5)	5	17.24%									
Strongly agree		(6)	22	75.86%									
					02550100	Question		College		Department			
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department		Mean	STD	Median
29/30 (96.67%)		5.59	1.02	6.00	22384	5.06	1.17	5.00	853		5.55	0.81	6.00

Virginia Tech

Spring 2023 VT Student Perceptions of Teaching (SPOT)

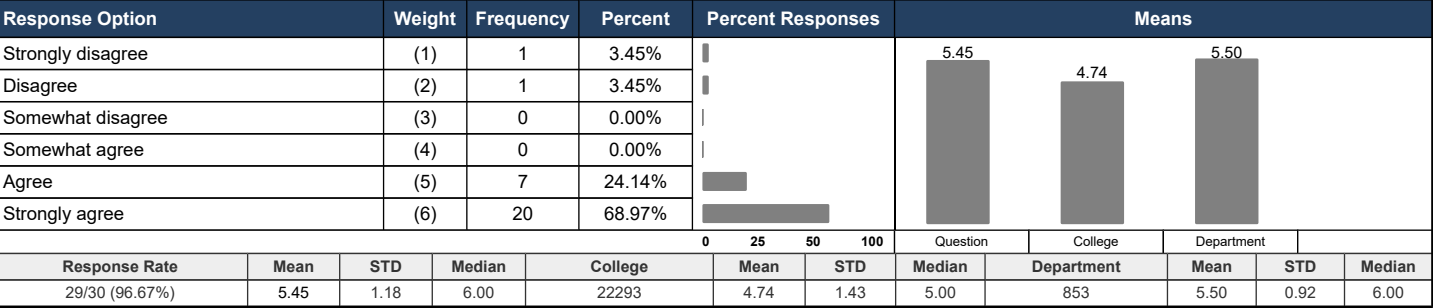
Course:NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18441\_202301

Instructor:Zhuo Fu \*

Response Rate:29/30 (96.67 %)

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3B - My interest in the subject matter was stimulated by this course.



4 - 4A - What could you have done to be a better learner?

Response Rate

21/30 (70%)

• Taken the online material more seriously. I simply skimmed the material and underperformed on the postlabs.

• I could have paid more attention to the lecture videos to help my performance on the lecture quizzes.

• Took more notes on the videos.

• I could have payed more close attention to the pre-lab videos.

• Be a bit more timely in my arrival to lab

• I definitely could've studied more and spent more time going over the material before class

• I could have reviewed the lab manual again before the lab.

• n/a

• Attended every in person lab

• study more

• I could have paid a little more attention to the video lectures and thus that would have saved me some time while taking the post-lab quizzes.

• There was a couple of times where I settled for a lower grade, I had 2 attempts to complete a post lab, but I only took 1 of them and didn't get full points on it because I didn't try it again because I was lazy.

• Perhaps I could have read up more on the prelabs.

• I could have taken more notes on the videos

• Study more

• I could have prepared more prior to labs to refresh the material about to be covered.

• Keeping up with weekly assignments

• Reviewed the lab manual before class the day of lab so the information is more fresh in my mind.

• I could have spread my learning out throughout the week. I struggled with the video lectures.

• N/A

• I could have looked at the lab material before entering the lab. But even at that, the professor printed everything out neatly and always ensured that students knew what was going on.

Virginia Tech

Spring 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18441\_202301

Instructor: Zhuo Fu \*

Response Rate: 29/30 (96.67 %)

5 - 5A - Please add any additional comments regarding the course and/or instructor here:

Zhuo Fu

Response Rate 15/30 (50%)

- She made lab fun and interesting!
- Fantastic instructor. Genuinely pleasant to be around. All her classes are enjoyable, unique, and educational.
- None
- Really helpful and happy to answer any questions. Also really good at explaining in more detail/in a different way if needed.
- Excellent professor in the lab setting.
- She is very nice and funny
- awesome and fun teacher
- Dr. Fu was the best lab instructor I've ever had! It was a pleasure to be in her class and she made me feel so comfortable and welcome in her class. As a student who always got extremely nervous about messing up during labs, Dr. Fu ensured all her students that it was okay and they could take as much time and help as they needed to figure it out.
- I understand why she had so many checkpoints with our TAs, especially for the first few labs, but I think that I would have benefitted more if there fewer checkpoints after the very first two labs. I feel like we could have done more troubleshooting ourselves.
- Helped us a lot and made it easy to learn
- You are such a fun lab professor and my favorite at Virginia Tech so far!
- Dr. Fu is an INCREDIBLE instructor.
- This was a fun lab!
- N/A
- She truly was an amazing professor and I'm so sad that I wont have her again! She was the high light to my semester and I'm so grateful to have been in the class.

6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option				Weight	Frequency	Percent	Percent Responses	Means									
Very Bad				(1)	0	0.00%											
Bad				(2)	0	0.00%											
Poor				(3)	0	0.00%											
Fair				(4)	0	0.00%											
Good				(5)	6	20.69%											
Very Good				(6)	23	79.31%											
							0						25	50	100	Question	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median			
29/30 (96.67%)		5.79	0.41	6.00	22229		5.10	1.02	5.00	849		5.47	0.79	6.00			

7 - 7A - Please add any comments about the physical environment here:

Response Rate 11/30 (36.67%)

- n/a
- There was plenty of space, enough equipment, and everything was clean, so no complaints from me.
- Very nice lab. I was very impressed.
- n/a
- n/a
- Dr. Fu has a great sense of humor, which made the physical environment in her class really great.
- Her lab was calm and we were always able to take our time.
- Great
- It is a great environment in which to learn.
- N/A
- Environment was always clean and ready for lab!

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18441\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 29/30 (96.67 %)

### 8 - I improved my ability to think independently about the course material.

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%								
Disagree				(2)	1	3.45%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	0	0.00%								
Agree				(5)	8	27.59%								
Strongly agree				(6)	20	68.97%								
							0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
29/30 (96.67%)		5.59	0.82	6.00	22302		5.07	1.03	5.00	848		5.58	0.63	6.00

### 9 - I learned to identify problems and explore different solutions.

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	1	3.57%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	5	17.86%									
Strongly agree				(6)	22	78.57%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
28/30 (93.33%)		5.68	0.82	6.00	22172		5.04	1.05	5.00	845		5.53	0.71	6.00	

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	1	3.45%									
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	1	3.45%									
Agree		(5)	5	17.24%									
Strongly agree		(6)	22	75.86%									
					0	25	50	100	Question	College	Department		
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
29/30 (96.67%)		5.59	1.02	6.00	27028	5.05	1.17	5.00	1023	5.63	0.76	6.00	

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
strongly disagree				(1)	26	89.66%	<div><div></div></div>	<div><div>1.10</div><div>1.10</div><div>1.10</div></div>							
strongly agree				(2)	3	10.34%	<div><div></div></div>								
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
29/30 (96.67%)		1.10	0.31	1.00	68		1.10	0.31	1.00	68		1.10	0.31	1.00	

# Virginia Tech



# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18440\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 22/23 (95.65 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1A - The instructor was well prepared.**

Zhuo Fu

Response Option			Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree			(1)	0	0.00%								
Disagree			(2)	0	0.00%								
Somewhat disagree			(3)	0	0.00%								
Somewhat agree			(4)	0	0.00%								
Agree			(5)	1	4.55%								
Strongly agree			(6)	21	95.45%								
						0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
22/23 (95.65%)		5.95	0.21	6.00	27460	5.26	1.07	6.00	1030	5.57	0.90	6.00	

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1B - The instructor presented the subject matter clearly.**

Zhuo Fu

Response Option			Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree			(1)	0	0.00%								
Disagree			(2)	0	0.00%								
Somewhat disagree			(3)	0	0.00%								
Somewhat agree			(4)	0	0.00%								
Agree			(5)	1	4.55%								
Strongly agree			(6)	21	95.45%								
						0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
22/23 (95.65%)		5.95	0.21	6.00	27249	5.01	1.28	5.00	1022	5.47	0.96	6.00	

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1C - The instructor provided feedback intended to improve my course performance.**

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	2	9.09%									
Strongly agree				(6)	20	90.91%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median		
22/23 (95.65%)		5.91	0.29	6.00	27284		4.96	1.31	5.00	1027	5.39	1.06	6.00		

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18440\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 22/23 (95.65 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1D - The instructor fostered an atmosphere of mutual respect.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means														
Strongly disagree		(1)	0	0.00%			6.00	5.28	5.62											
Disagree		(2)	0	0.00%																
Somewhat disagree		(3)	0	0.00%																
Somewhat agree		(4)	0	0.00%																
Agree		(5)	0	0.00%																
Strongly agree		(6)	22	100.00%																
02550100													Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median						
22/23 (95.65%)		6.00	0.00	6.00	27234		5.28	1.10	6.00	1023		5.62	0.87	6.00						

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1E - Overall, the instructor's teaching was effective.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means														
Strongly disagree		(1)	0	0.00%			6.00	4.99	5.45											
Disagree		(2)	0	0.00%																
Somewhat disagree		(3)	0	0.00%																
Somewhat agree		(4)	0	0.00%																
Agree		(5)	0	0.00%																
Strongly agree		(6)	22	100.00%																
02550100													Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median						
22/23 (95.65%)		6.00	0.00	6.00	27151		4.99	1.32	5.00	1022		5.45	1.02	6.00						

Virginia Tech

Spring 2023 VT Student Perceptions of Teaching (SPOT)

Course: NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18440\_202301

Instructor: Zhuo Fu \*

Response Rate: 22/23 (95.65 %)

2 - 2A - What did the instructor do that most helped in your learning?

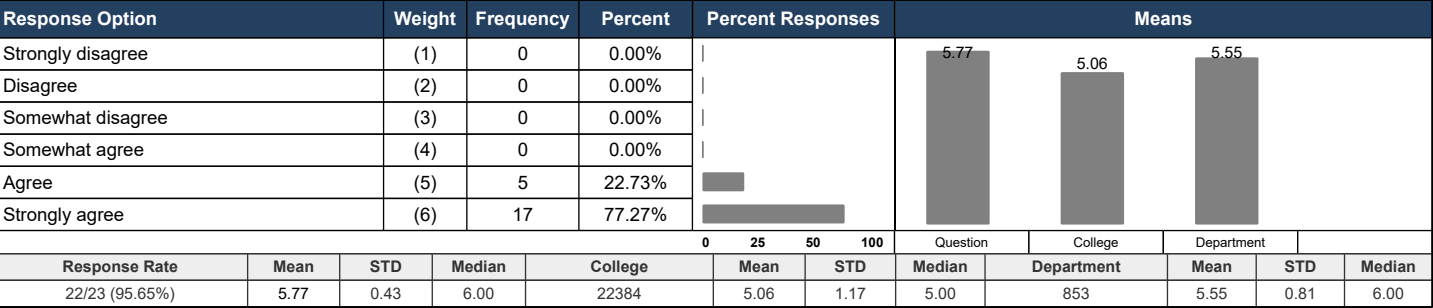
Zhuo Fu

Response Rate 19/23 (82.61%)

- she taught me not to stress as much and that I dont have to exhaust myself and overexert my energy to learn neuroscience and there are easier ways to learn, study, and complete work.
- Dr. Fu constantly reaffirms her supportive, respectful environment, always placing the course's emphasis on learning and lab techniques. Her pre-lab work includes hugely helpful videos so that we truly go into each and every in-person session understanding what we need to do and why we're doing it. Moreover, she's always very present in the lab, is happy to answer questions, and has an infectious enthusiasm about the course material.
- the videos are quick so they keep my attention
- The videos in the prelab of Dr. Fu performing the experiment before we would do it so that we understood how to do them. She also was so energetic and passionate about what she was teaching, which made learning so much more fun.
- She was very caring and understanding, as well as hilarious!
- they had videos and quizzes to do every week which made it easier to pay attention to the videos
- Always present with an upbeat attitude
- Helped whenever needed
- Was very realistic in her understanding of how students learn and taught us in a very effective way.
- Video demonstrations of labs beforehand
- Dr. Fu always offered ways to break down the more complicated topics in order to help us understand and remember them. Her lab videos were entertaining and informative, and she gave us lots of guidance and tips on how to be successful while also encouraging our independence and exploration.
- Reviewed each lab before we conducted it and kept the learning process consistent between modules
- lecture videos during the quizzes
- I liked how she didn't immediately help us when we had trouble in lab and instead told us to ask questions based on the lab manuals. She didn't just give us the answers she made us learn from our mistakes which helped in the long run.
- Dr. Fu tested us on old material in our weekly lab quizzes to make sure we continued to understand past material.
- Dr. Fu was always so willing to answer questions, which was super helpful in understanding the lab. She never made me feel like a question I had was dumb, and that made it very easy to learn from her effectively.
- She allowed us to try to work through problems on our own but if I ever got super stuck she was always happy to help. The prelab videos were always hilarious as well which kept me engaged.
- She would always come over and answer questions and help in and out of lab time.
- She provided easy ways to learn and memorize material

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3A - I have a deeper understanding of the subject matter as a result of this course.



Virginia Tech

Spring 2023 VT Student Perceptions of Teaching (SPOT)




Course: NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18440\_202301

Instructor: Zhuo Fu \*

Response Rate: 22/23 (95.65 %)

3 - Please indicate the extent to which you agree or disagree with each of the following statements:

3B - My interest in the subject matter was stimulated by this course.

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree		(1)	0	0.00%												
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	0	0.00%												
Somewhat agree		(4)	0	0.00%												
Agree		(5)	1	4.55%												
Strongly agree		(6)	21	95.45%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
22/23 (95.65%)		5.95	0.21	6.00	22293		4.74	1.43	5.00	853		5.50	0.92	6.00		

4 - 4A - What could you have done to be a better learner?

Response Rate	16/23 (69.57%)
<ul style="list-style-type: none"><li>• watched the videos in full length rather than just skipping around the find out the answer to the quizzes</li><li>• I could have reviewed our pre-lab materials more frequently.</li><li>• I could sleep more before lab so that way I am not almost falling asleep during lab</li><li>• Put in more time outside of the labratory.</li><li>• N/A</li><li>• I could have been more awake for lab</li><li>• Do my canvas work on time or take more time on it</li><li>• Took more notes</li><li>• Read the lab manuals more in-depth.</li><li>• read the lab manual more closely before the lab</li><li>• reviewed the pre lab videos and manual before each lab to better remember the procedure and purposes of the lab, rather than only viewing the videos once for the quizzes.</li><li>• i could have taken the post labs more seriously, and spent more time studying for them</li><li>• I could have studied and paid attention to the lectures a little more.</li><li>• I could have started my lab quizzes earlier until waiting last minute to begin. I think I probably would have understood the material slightly better, although I did learn a lot.</li><li>• I could have taken notes on all of the lab manual/lab material. Since I was not great at managing time, I sometimes skipped the notes.</li><li>• Read the lab manual more closely</li></ul>	

5 - 5A - Please add any additional comments regarding the course and/or instructor here:

Zhuo Fu	
Response Rate	12/23 (52.17%)
<ul style="list-style-type: none"><li>• I love her!!!!</li><li>• I really like how there are a lot of ways to earn points in the class especially because sometimes the labs themselves are relatively difficult to complete.</li><li>• She is one of the best instructors I have ever had and her class is my favorite course I have taken at the university.</li><li>• Dr. Fu was the best. I always looked forward to lab with her every week!</li><li>• N/A</li><li>• Very good professor.</li><li>• I really appreciated the lab demonstrations in the videos beforehand but sometimes the 45 minute long lectures that accompanied some modules did more harm than good</li><li>• She was really funny and made a lot of material/work that might have otherwise been boring or tedious really fun and engaging. She never made me feel bad for asking for help and was always willing to answer questions. I really enjoyed having her as my lab professor!</li><li>• Dr. Fu is amazing! such a great professor and made the lab very fun and enjoyable. i looked forward to tuesday mornings! Also such an artist!!</li><li>• I loved having neuro lab with Dr. Fu this semester. She's hilarious and creates a fun, safe lab environment that had me looking forward to lab every week. I genuinely enjoyed every lab we did and she was thoughtful in what she had us do. There was even one time when the lab was going to be boring and time consuming, so she had us do a different one that she thought would be more beneficial for us. I also liked her TA system and loved my TA, Meron, as she was helpful and respectful. I hope that everyone else that has a lab with her has the same experience as I did.</li><li>• Dr. Fu is the best and wants all of her students to succeed!</li><li>• Dr. Fu is a fantastic introductory neuroscience lab instructor. She helped me learn so much, and I had fun while doing it because she is passionate and funny and interested in the material! My only comment would be to put more music in the videos, I loved it when Shake It Off by Taylor Swift was used as background music for slicing a cockroach!</li></ul>	

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18440\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 22/23 (95.65 %)

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Very Bad		(1)	0	0.00%								
Bad		(2)	0	0.00%								
Poor		(3)	0	0.00%								
Fair		(4)	1	4.55%								
Good		(5)	2	9.09%								
Very Good		(6)	19	86.36%								
					0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
22/23 (95.65%)		5.82	0.50	6.00	22229	5.10	1.02	5.00	849	5.47	0.79	6.00

### 7 - 7A - Please add any comments about the physical environment here:

Response Rate	8/23 (34.78%)
<ul style="list-style-type: none"> <li>• I love Dr. Fu!</li> <li>• The building is a little far on campus but that's nothing that can be helped.</li> <li>• i loved the lab we had it in</li> <li>• My class was in NCB which was very far from my place of residence.</li> <li>• Each seating place allowed for seeing the teacher and the board, there was enough space to conduct the experiment</li> <li>• n/a</li> <li>• I felt very comfortable in the classroom.</li> <li>• Lab was well organized, always had the tools that we needed.</li> </ul>	

### 8 - I improved my ability to think independently about the course material.

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	1	4.55%								
Agree		(5)	4	18.18%								
Strongly agree		(6)	17	77.27%								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
22/23 (95.65%)	5.73	0.55	6.00	22302	5.07	1.03	5.00	848	5.58	0.63	6.00	

### 9 - I learned to identify problems and explore different solutions.

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	1	4.76%									
Agree				(5)	5	23.81%									
Strongly agree				(6)	15	71.43%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
21/23 (91.30%)		5.67	0.58	6.00	22172		5.04	1.05	5.00	845		5.53	0.71	6.00	

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18440\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 22/23 (95.65 %)

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means									
Strongly disagree		(1)	0	0.00%	<div><div></div></div>	<div><div>5.62</div></div>	<div><div>5.05</div></div>	<div><div>5.63</div></div>							
Disagree		(2)	0	0.00%											
Somewhat disagree		(3)	0	0.00%											
Somewhat agree		(4)	1	4.76%											
Agree		(5)	6	28.57%											
Strongly agree		(6)	14	66.67%											
					02550100	Question		College		Department					
Response Rate		Mean	STD	Median	College		Mean	STD	Median		Department		Mean	STD	Median
21/23 (91.30%)		5.62	0.59	6.00	27028		5.05	1.17	5.00		1023		5.63	0.76	6.00

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
strongly disagree				(1)	21	95.45%	<div><div></div></div>	<div><div>1.05</div><div>1.10</div><div>1.10</div></div>							
strongly agree				(2)	1	4.55%	<div><div></div></div>								
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
22/23 (95.65%)		1.05	0.21	1.00	68		1.10	0.31	1.00	68		1.10	0.31	1.00	

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy ipad (even I hate mac, I have to say apple pencil rocks). Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas to answer the question there to receive your bonus point. (It asks how many cats you saw, and there are 9 total.) You can also pick the cat you like the most here if you want :p

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
cat 1 Shirty		(1)	4	18.18%								
cat 2 Boxy		(2)	3	13.64%								
cat 3 Flatty		(3)	2	9.09%								
cat 4 Angy		(4)	1	4.55%								
cat 5 Springy		(5)	2	9.09%								
cat 6 Dreamy		(6)	7	31.82%								
cat 7 Bady		(7)	1	4.55%								
cat 8 Beauty		(8)	0	0.00%								
cat 9 Calmy		(9)	2	9.09%								
					02550100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
22/23 (95.65%)		4.41	2.54	5.00	68	4.38	2.63	4.50	68	4.38	2.63	4.50

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18442\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 17/19 (89.47 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1A - The instructor was well prepared.

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree				(1)	0	0.00%									
Disagree				(2)	0	0.00%									
Somewhat disagree				(3)	0	0.00%									
Somewhat agree				(4)	0	0.00%									
Agree				(5)	5	29.41%									
Strongly agree				(6)	12	70.59%									
								0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
17/19 (89.47%)		5.71	0.47	6.00	27460		5.26	1.07	6.00	1030		5.57	0.90	6.00	

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1B - The instructor presented the subject matter clearly.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	0	0.00%		5.35	5.01	5.47					
Disagree		(2)	1	5.88%									
Somewhat disagree		(3)	1	5.88%									
Somewhat agree		(4)	0	0.00%									
Agree		(5)	4	23.53%									
Strongly agree		(6)	11	64.71%									
					0	25	50	100	Question	College	Department		
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
17/19 (89.47%)		5.35	1.17	6.00	27249	5.01	1.28	5.00	1022	5.47	0.96	6.00	

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1C - The instructor provided feedback intended to improve my course performance.

Zhuo Fu

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%					Question	College	Department			
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	5.88%										
Agree		(5)	2	11.76%										
Strongly agree		(6)	14	82.35%										
					0	25	50	100						
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
17/19 (89.47%)		5.76	0.56	6.00	27284		4.96	1.31	5.00	1027		5.39	1.06	6.00

# Virginia Tech


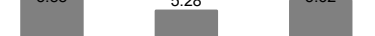
## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18442\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 17/19 (89.47 %)

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1D - The instructor fostered an atmosphere of mutual respect.**

**Zhuo Fu**

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%			Question		College		Department			
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	0	0.00%										
Agree		(5)	2	12.50%										
Strongly agree		(6)	14	87.50%										
					0	25	50	100						
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
16/19 (84.21%)		5.88	0.34	6.00	27234		5.28	1.10	6.00	1023		5.62	0.87	6.00

**1 - Please indicate the extent to which you agree or disagree with each of the following statements:**

**1E - Overall, the instructor's teaching was effective.**

**Zhuo Fu**

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	0	0.00%									
Disagree		(2)	1	5.88%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	1	5.88%									
Agree		(5)	2	11.76%									
Strongly agree		(6)	13	76.47%									
					0	25	50	100	Question	College	Department		
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
17/19 (89.47%)		5.53	1.07	6.00	27151	4.99	1.32	5.00	1022	5.45	1.02	6.00	

**2 - 2A - What did the instructor do that most helped in your learning?**

**Zhuo Fu**

**Response Rate** 10/19 (52.63%)

- I liked how she put the experiment and how we are supposed to do it so then in class we can do it efficiently.
- I became more comfortable and confident in a lab setting. I took general chemistry and biology lab at my local community college in high school, but it was during COVID-19 year (2020), so it was virtual. Dr. Fu strongly encourages us to be independent in lab to learn and gain confidence, but she still helps when needed.
- She was able to teach in a way that used humor and also real-life examples. She did an incredible job
- Her pre-class videos were very helpful.
- videos explaining how to do things
- experiment videos were very clear
- Fun teacher, tried to make class very positive and interactive.
- Dr. Fu was honestly one of the most educated professors or teachers that I've ever had she is amazing. Her instructing inside and outside of lab is extremely helpful and am very glad to have had her as my professor this semester.
- I loved this class, I think it was really fun. I liked that she was willing to help but also pushed you to try and figure things out yourself. I do think there were some prelab videos that were a little long. This made them hard to follow, daunting, and extremely time-consuming. The only thing that made some of them bearable were the adorable edits she'd put in to make them fun.
- She was very good at presenting the information clearly so that it was easy to understand



# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18442\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 17/19 (89.47 %)

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3A - I have a deeper understanding of the subject matter as a result of this course.

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree		(1)	0	0.00%												
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	1	5.88%												
Somewhat agree		(4)	0	0.00%												
Agree		(5)	5	29.41%												
Strongly agree		(6)	11	64.71%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
17/19 (89.47%)		5.53	0.80	6.00	22384		5.06	1.17	5.00	853		5.55	0.81	6.00		

### 3 - Please indicate the extent to which you agree or disagree with each of the following statements:

#### 3B - My interest in the subject matter was stimulated by this course.

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree		(1)	0	0.00%												
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	0	0.00%												
Somewhat agree		(4)	0	0.00%												
Agree		(5)	3	17.65%												
Strongly agree		(6)	14	82.35%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
17/19 (89.47%)		5.82	0.39	6.00	22293		4.74	1.43	5.00	853		5.50	0.92	6.00		

### 4 - 4A - What could you have done to be a better learner?

**Response Rate** 7/19 (36.84%)

- I liked everything that was presented.
- I wish I would have made flashcards after each module to study throughout the semester (spaced repetition). Instead, I will have to look over the lectures, lab manuals, and module questions to study before the final exam.
- not wait till the last minute for assignments
- Taken more notes
- Not sure
- I think I did the most I could've but i could have done studied more.
- Rewatch the lecture videos before lab

### 5 - 5A - Please add any additional comments regarding the course and/or instructor here:

**Zhuo Fu**

**Response Rate** 6/19 (31.58%)

- Dr. Fu was a pleasure to have as an instructor. She is knowledgeable, energetic, helpful, and funny.
- I really enjoyed how you made the videos fun
- The modules were very large. I wish we got some time to spend on them during class. Questions for the video quizzes sometimes felt very tricky because of grammar and language, not because of concept which took away from learning. Very cute drawings at the end and I had fun during your class. Thank you for a great semester :)
- Nothing she was amazing!
- I struggle with English and sometimes her grammar in the lab manual or the videos or the syllabus made it very hard for me to understand. She is really great though. The cats at the end of the survey is why I like her so much personally
- Dr. Fu is an amazing instructor! She is very funny and willing to help.

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18442\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 17/19 (89.47 %)

### 6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Very Bad	(1)	0	0.00%		5.82	5.10	5.47				
Bad	(2)	0	0.00%								
Poor	(3)	0	0.00%								
Fair	(4)	1	5.88%								
Good	(5)	1	5.88%								
Very Good	(6)	15	88.24%	88.24%							
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
17/19 (89.47%)	5.82	0.53	6.00	22229	5.10	1.02	5.00	849	5.47	0.79	6.00

### 7 - 7A - Please add any comments about the physical environment here:

**Response Rate** 4/19 (21.05%)

- Very clean and welcoming.
- Dr. Fu prioritized cleanliness, and she always made sure to let us know which trashcan to throw our lab items away in.
- It felt calming and comfortable in lab
- very good

### 8 - I improved my ability to think independently about the course material.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%		5.75	5.07	5.58				
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	25.00%								
Strongly agree	(6)	12	75.00%	75.00%							
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
16/19 (84.21%)	5.75	0.45	6.00	22302	5.07	1.03	5.00	848	5.58	0.63	6.00

### 9 - I learned to identify problems and explore different solutions.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%		5.76	5.04	5.53				
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	23.53%								
Strongly agree	(6)	13	76.47%	76.47%							
				0 25 50 100	Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
17/19 (89.47%)	5.76	0.44	6.00	22172	5.04	1.05	5.00	845	5.53	0.71	6.00

# Virginia Tech

## Spring 2023 VT Student Perceptions of Teaching (SPOT)

**Course:** NEUR\_2035\_18440\_202301: Neuroscience Laboratory (2023SP)-NEUR\_2035\_18442\_202301  
**Instructor:** Zhuo Fu \*  
**Response Rate:** 17/19 (89.47 %)

### 10 - The instructor used a scholarly approach in presenting content (referencing theory, research, and debates in the field).

Zhuo Fu

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree				(1)	0	0.00%								
Disagree				(2)	0	0.00%								
Somewhat disagree				(3)	0	0.00%								
Somewhat agree				(4)	1	5.88%								
Agree				(5)	3	17.65%								
Strongly agree				(6)	13	76.47%								
02550100								Question		College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
17/19 (89.47%)		5.71	0.59	6.00	27028		5.05	1.17	5.00	1023		5.63	0.76	6.00

### 11 - RequiredFor questions in this survey, which one is the first listed choice ?

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
strongly disagree	(1)	14	82.35%	■							
strongly agree	(2)	3	17.65%	■							
0 25 50 100					Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
17/19 (89.47%)	1.18	0.39	1.00	68	1.10	0.31	1.00	68	1.10	0.31	1.00

12 - Thank you for taking time to finish this survey. Here is the little post credit scene: There are some of my arts for you all to enjoy. I drew them with my fancy ipad (even I hate mac, I have to say apple pencil rocks). Link: <https://fuzhuofz.wixsite.com/zartf> After you submit the survey, you can go to "bonus points" on canvas to answer the question there to receive your bonus point. (It asks how many cats you saw. and there are 9 total.) You can also pick the cat you like the most here if you want :p

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
cat 1 Shrity	(1)	2	11.76%	■							
cat 2 Boxy	(2)	5	29.41%	■							
cat 3 Flatty	(3)	2	11.76%	■							
cat 4 Angy	(4)	1	5.88%	■							
cat 5 Springy	(5)	2	11.76%	■							
cat 6 Dreamy	(6)	2	11.76%	■							
cat 7 Bady	(7)	0	0.00%								
cat 8 Beauty	(8)	3	17.65%	■							
cat 9 Calmy	(9)	0	0.00%								
0 25 50 100					Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
17/19 (89.47%)	4.00	2.47	3.00	68	4.38	2.63	4.50	68	4.38	2.63	4.50