Program-Level Assessment: Annual Report

Program Name (no acronyms): Neuroscience

In this section, we wish to assess the effectiveness of the Neuroscience Program. Please evaluate to what extent your neuroscience courses have enabled you to gain knowledge, skills, and personal development in the following ar eas.

Q20. Your ability to synthesize information to formulate hypotheses.

- No gain or very small gain

that apply)

- General Psychology (PSY 1010)
- Principles of Biology I & II (BIOL 1240/1260)
- Cellular Biochemistry & Molecular Biology (BIOL 3020)
- Cellular Structure & Function (BIOL 3040)
- Foundations of Research Methods & Statistics (PSY 2050)
- Brain, Mind, & Society (PSY 3100)
- Introduction to Neuroscience: Cellular, Molecular, & Systemic (NEUR 3400)
-

- General Psychology (PSY 1010)
- Principles of Biology I & II (BIOL 1240/1260)
- Cellular Biochemistry & Molecular Biology (BIOL 3020)
- Cellular Structure & Function (BIOL 3040)
- Foundations of Research Methods & Statistics (PSY 2050)
- Brain, Mind, & Society (PSY 3100)
- Introduction to Neuroscience: Cellular, Molecular, & Systemic (NEUR 3400)
- Introduction to Neuroscience: Behavioral & Cognitive (NEUR 3500)
- Neuroscience Laboratory (NEUR 3550)
- Other Courses? (enter names below)

Q24. Your ability to engage in scientific research.

- No gain or very small gain
- Small gain
- Moderate gain
- Large gain
- Very large gain
- Not applicable/prefer not to answer

Q25. Which of these courses were most beneficial in regard to the above question? (select all that apply)

- General Psychology (PSY 1010)
- Principles of Biology I & II (BIOL 1240/1260)
- Cellular Biochemistry & Molecular Biology (BIOL 3020)
- Cellular Structure & Function (BIOL 3040)
- Foundations of Research Methods & Statistics (PSY 2050)
- Brain, Mind, & Society (PSY 3100)
- Introduction to Neuroscience: Cellular, Molecular, & Systemic (NEUR 3400)
- Introduction to Neuroscience: Behavioral & Cognitive (NEUR 3500)
- Neuroscience Laboratory (NEUR 3550)
- Other Courses? (enter names below)

In this section, we are interested in collecting data that can be used in grant applications and other efforts to gain more resources for the Neuroscience program, including student research and career planning.

Q32. Did you conduct research and, if so, where did it take place? Include research for which you were paid, were a volunteer, or received credit.

- Yes, Biology Department
- Yes, Psychology Department
- Yes, SLU School of Medicine
- Yes, other, please specify
- No

Q33. If you answered No to the previous question, did you conduct research in a class?

- Yes

- No

Q34. Did you present your research at a symposium or conference?

- Yes
- No

Q35. Did you publish your research?

- Yes, it was published in:
- No

Table 3: Senior Survey Results, AY 2020-21						
Question	Student Response					N
	no gain or very small	small gain	moderate gain	large gain	very large	
Your ability to synthesize information to formulate hypotheses.	0%	5%	17%	41%	37%	41
Your ability to design experiments.	2%	12%	17%	29%	16%	41
Your ability to engage in scientific research.	0%	10%	8%	41%	41%	39
	Yes, with Biology faculty	Yes, with Psychology faculty	Yes, at SLU SOM	Yes (other)	No	
Did you conduct research while at SLU?	15%	24%	7%	15%	39%	46
If you answered No to the previous question, d you conduct research in a class?				76%	24%	29
Did you present your research at a symposium conference?				30%	70%	40
Did you publish your research?				12%	88%	41

Your ability to synthesize information to formulate hypotheses.		
Foundations of Research Methods & Statistics (PS 2050)	82.93%	34
Neuroscience Laboratory (NEUR 3550)	70.73%	29
Principles of Biology I & II (BIOL 1240/1260)	36.59%	15
Introduction to Neuroscience: Behavioral & Cogniti (NEUR 3500)	26.83%	11
Cellular Structure & Function (BIOL 3040)	24.39%	10
Cellular Biochemistry & Molecular Biology (BIOL 3020)	21.95%	9
Introduction to Neuroscience: Cellular, Molecular, & Systemic (NEUR 3400)	21.95%	9
Brain, Mind, & Society (PSY 3100)	19.51%	8
General Psychology (PSY 1010)	17.07%	7
Other courses	14.63%	6

Your ability to design experiments.		
Foundations of Research Methods & Statistics (PS 2050)	85.37%	35
Neuroscience Laboratory (NEUR 3550)	80.49%	33
Other courses	17.07%	7
Principles of Biology I & II (BIOL 1240/1260)	14.63%	6
Cellular Structure & Function (BIOL 3040)	12.20%	5
General Psychology (PSY 1010)	9.76%	4

Introduction to Neuroscience: Cellular, Molecular, & Systemic (NEUR 3400)	9.76%	4
Introduction to Neuroscience: Behavioral & Cogniti (NEUR 3500)	9.76%	4
Cellular Biochemistry & Molecular Biology (BIOL 3020)	7.32%	3
Brain, Mind, & Society (PSY 3100)	2.44%	1

Your ability to engage in scientific research.

Foundations of Research Methods & Statistics (PS 2050)	68.29%	28
Neuroscience Laboratory (NEUR 3550)	63.41%	26
Other courses	29.27%	12
Introduction to Neuroscience: Cellular, Molecular, & Systemic (NEUR 3400)	21.95%	9
Introduction to Neuroscience: Behavioral & Cogniti (NEUR 3500)	21.95%	9
Brain, Mind, & Society (PSY 3100)	17.07%	7
Cellular Structure & Function (BIOL 3040)	14.63%	6
Cellular Biochemistry & Molecular Biology (BIOL 3020)	12.20T6115 TD [(()2.y TD76Ty4.8 (o)-6.6 (le)-3 (c)-2 3b 25.054	