



Fulbright College of Arts & Sciences
Department of Psychological Science

PSYC 3173: Biopsychology

Tu, Th 12:30-1:45 pm

Gearhart Auditorium 026

Instructor: Josiah Leong

Email: josiah@uark.edu

TA: Colton Hunter

Neuroscience has old roots. Early thinkers speculated about how biology forms human nature. But experimentation on the brain is recent. This course introduces neuroscience by tracing its history up to the current knowledge about how brains create everything that humans feel, think, and do.

Grades

Participation (10%)	A > 90%
Assignments (30%)	B 80-89%
Exam 1 (20%)	C 70-79%
Exam 2 (20%)	D 60-69%
Exam 3 (20%)	F < 60%

Participation is earned by being present in class.

Assignments are graded for completion. 6 assignments, 5% each.

Exams 1-3 test the material from each third of the course.

Readings. A digital textbook is provided for free. The textbook supplements the material in lectures. The instructor will provide additional readings. Material from the readings will be tested in exams.

Office Hours.

Josiah: Tuesdays 2-3pm, Memorial Hall Room 202F

Colton: Wednesdays 11am-12pm, Memorial Hall Room 113C

Course materials: google drive

Accommodations: <https://cea.uark.edu>

Safety: <https://report.uark.edu>

Academic integrity: As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail.

Each University of Arkansas student is required to be familiar with and abide by the University's 'Academic Integrity Policy' at honesty.uark.edu/policy. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.

Schedule

Week	Tuesday	Thursday	Textbook	Due
1 (8/23 & 8/25)	Introduction	Anatomy	Chapter. Intro	Assignment 1
2 (8/30 & 9/1)	Methods	Choice	Ch. 1 & 3	
3 (9/6 & 9/8)	Physiology	Learning	Ch. 2	Assignment 2
4 (9/13 & 9/15)	Development	Hot topic (?)	Ch. 4	
5 (9/20 & 9/22)	Review 1	Exam 1		Exam 1
6 (9/27 & 9/29)	Data and statistics	Perception	Ch. 5	Assignment 3
7 (10/4 & 10/6)	Vision	Hear, smell, taste	Ch. 6	
8 (10/11 & 10/13)	Motion	Somatosensation	Ch. 7	Assignment 4
9 (10/18 & 10/20)	Fall break (no class)	Arousal and sleep	Ch. 8	
10 (10/25 & 10/27)	Review 2	Exam 2		Exam 2
11 (11/1 & 11/3)	Social	Four F's	Ch. 9	
12 (11/8 & 11/10)	Positive emotions	Negative emotions	Ch. 11	Assignment 5
13 (11/15 & 11/17)	Clinical disorders	Stress and memory	Ch. 14 & 12	
14 (11/22 & 11/24)	Assignment (no class)	Thanksgiving (no class)		Assignment 6
15 (11/29 & 12/1)	Cognition	Hot topic (?)	Ch. 13	
16 (12/6 & 12/8)	Review 3	Exam 3		Exam 3

ARSC - 1 - 1229 (Fall 2022) Survey
1 - 1229 (2022)

University of Arkansas
UARK

Course:	PSYC 3173 001 - BIOPSYCHOLOGY	Department:	PSYC
Responsible Faculty:	Josiah Leong	Responses / Expected:	146 / 179 (81.56%)
Overall Mean:	4.54 5 Point Likert Scale (1022 responses) 4.44 Excellent to Very Poor (292 responses)		

ARSC College Core: Course Questions	PSYC 3173 - 001						--- Survey Comparisons ---						
	Responses (%)					Course		PSYC			All		
	SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1 Assignments are related to goals of this course.	91 62.3%	49 33.6%	3 2.1%	3 2.1%	0	146	4.56	1.9K	4.68	18	36K	4.58	33
Q2 The teaching methods used in this course enable me to learn.	64 43.8%	57 39%	10 6.8%	13 8.9%	2 1.4%	146	4.15	1.9K	4.38	18	36K	4.19	32
Q3 The stated goals of this course are consistently pursued.	89 61%	52 35.6%	4 2.7%	1 0.7%	0	146	4.57	1.9K	4.62	27	36K	4.47	45

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Demographics	PSYC 3173 - 001									
	Responses (%)									Course
	COE	COE	DBC	FJS	JWF	SMW	SOL	GS	U	N
Q4 Your College:	18 12.3%	3 2.1%	2 1.4%	0	122 83.6%	1 0.7%	0	0	0	146

Responses: [COE] College of Education and Health Professions
 [COE] College of Engineering
 [DBC] Dale Bumpers College of Agricultural, Food and Life Sciences
 [FJS] Fay Jones School of Architecture and Design
 [JWF] J. William Fulbright College of Arts and Sciences
 [SMW] Sam M. Walton College of Business
 [SOL] School of Law
 [GS] Graduate School
 [U] UNDECLARED

Demographics	PSYC 3173 - 001					
	Responses (%)					Course
	A	B	C	D	F	N
Q5 Expected grade	85 58.2%	42 28.8%	18 12.3%	1 0.7%	0	146

Responses: [A] A/PASS [B] B [C] C [D] D [F] F/FAIL

Demographics	PSYC 3173 - 001						
	Responses (%)						Course
	F	S	J	S	G	O	N
Q6 Your class	3 2.1%	34 23.3%	60 41.1%	49 33.6%	0	0	146

Responses: [F] Freshman [S] Sophomore [J] Junior [S] Senior [G] Graduate [O] Other

Demographics	PSYC 3173 - 001		
	Responses (%)		Course
	YES	NO	N
Q7 Course required	58 40%	87 60%	145

Responses: [YES] Yes [NO] No

University Core Course		PSYC 3173 - 001							--- Survey Comparisons ---					
		Responses (%)					Course		PSYC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q8	Overall, I would rate this course as:	67 45.9%	59 40.4%	18 12.3%	1 0.7%	1 0.7%	146	4.30	1.9K	4.40	25	36K	4.19	43

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

ARSC College Core: Instructor Questions		Josiah Leong							--- Survey Comparisons ---					
		Responses (%)					Individual		PSYC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q9	My instructor displays a clear understanding of course topics.	122 83.6%	22 15.1%	1 0.7%	1 0.7%	0	146	4.82	1.9K	4.78	35	40K	4.58	58
Q10	My instructor is readily available for consultation.	94 64.4%	38 26%	11 7.5%	2 1.4%	1 0.7%	146	4.52	1.9K	4.53	25	40K	4.41	43
Q11	My instructor explains difficult material clearly.	66 45.2%	55 37.7%	17 11.6%	6 4.1%	2 1.4%	146	4.21	1.9K	4.47	15	40K	4.19	36

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Josiah Leong							--- Survey Comparisons ---					
		Responses (%)					Individual		PSYC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	My Instructor is fluent in English	139 95.2%	7 4.8%	0	0	0	146	4.95	1.9K	4.96	22	40K	4.77	48

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Josiah Leong							--- Survey Comparisons ---					
		Responses (%)					Individual		PSYC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q13	Overall, I would rate this instructor as:	97 66.4%	39 26.7%	8 5.5%	1 0.7%	1 0.7%	146	4.58	1.9K	4.55	30	40K	4.36	49

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Question:	What went well in this course? Suggest ways to improve the course.
Response Rate:	58.22% (85 of 146)
1	teacher was very helpful and the course work was not overloaded. Maybe a thing to add is a review packet for the exams.
2	more interactive games and lectures
3	more indepth explanations
4	interesting info. hard to follow though...Prof. Leong is very intelligent and sometimes it seems like he thinks we are all also very intelligent so some stuff was not explained thoroughly.
5	great exciting teaching of marginally interesting material. he made the material that I really do not care about very fun and interesting. very charismatic professor
6	Very interesting course. The PowerPoints had a lot of visuals but not a lot of words. When I was absent, I had a hard time understanding what some of the things on the PowerPoints were supposed to mean. I would just add more words to improve!
7	This was the first class that I took following general psychology and it was a bit challenging material wise. I think there should be more pre reqs to be able to take this course besides the one in place.

8	This was my favorite class (based on content) and most liked teaching style this semester. Professor is very knowledgeable and clearly enjoys the content he is teaching to others.
9	This professor genuinely cares about his students. I have never had a professor who makes a conscious effort to do better and listen to the feedback of his students with humility. He was amazing!
10	This course was very informative but in a way that could be understood easily. The assignments were also engaging but not too challenging. To improve the course, I think the exams could be a tad easier.
11	This course was very interesting and fun to participate in. Professor Leong was very engaging and friendly. Course material was not too difficult or easy. Course could be improved by the use of Blackboard to organize assignments and exams and due dates.
12	The teacher is nice and you can that he knows a lot about subject, but using google drive for assignments when we switched to Microsoft was difficult. Also using google forms for exams was terrible. Definitely lowered my grades having to switch between forms and a pdf with the questions and a word bank...
13	The professor was very passionate and took into consideration the students needs while teaching. The test questions were hard for me.
14	The professor is really good at keeping the students engaged and teaching in a way that makes it easy to understand the material. 10/10 would recommend this class with this professor.
15	The professor is very well spoken and genuinely passionate about what he teaches
16	The powerpoints are super long and not focused to the tests. The tests have a wordbank with every word, so you never know what is correct since there could be two answers. The professor talks super fast, so I found the lecture to be very hard to listen to.
17	The outline of the course was suitable for all learning types.
18	The only thing I didn't like was the test format.
19	The methods of instruction work well. I came in with a good biological background so I didn't need much instruction on some of the concepts that the class struggled with (action potentials, hormonal regulation, cross-bridge cycling, etc.) but I still thought they were presented well.
20	The material covered was taught in a way that was easy to comprehend and the teacher always took advice/input that any students had in regards to teaching methods or ways they could improve.
21	The learning aspect and Josiah's interest in teaching and letting us learn instead of just rambling on.
22	The format of the test and the extensive word bank make it difficult to complete the exam within the allotted time slot.
23	The exams and assignments were well written and a fair difficulty. A suggestion would be to go a little slower with note taking.
24	The course did an excellent job of furthering my interests in neuropsychology and the content was fascinating. However, the instructor could use to consistently speak at a slower pace and more clearly. There were a lot of times, I was unsure what he said exactly. Other ways to improve would be creating better lecture slides for the course.
25	The course content covered was very interesting and well organized. Professor was clearly very passionate about this course which contributed to the positive experience I had in the class
26	The class is very entertaining, I just wish there was more clarity on the slides / access to more text material.
27	The class is very similar to Behavioral Neuroscience which I have already taken, but it was still very interesting! It was very helpful to see real world examples to understand concepts.
28	The assignments were clear and not overbearing. A way to improve would be to put more information on the slides for students to go back and refer to when studying.
29	Test process/format could be easier but otherwise a very self explanatory/easy to follow course i enjoyed.
30	Teaching methods were great! Assignments could maybe be better but overall rly great!
31	Structured well and meets expectations for what a college course should be. Challenging material and makes you earn your grade.
32	Provide more definitions. The pictorial representation on the slides but add descriptions to your photos along with definitons so students can review this easier on their own when studying for the exam. It is difficult to remember every detail for the exam when we only just talk about the pictures verbally in class.
33	Professor Leong is an excellent and relatable person. He is very kind and accommodating. I can tell he is passionate about what he does and teaching his students more than the class subject or relating the class subject to other aspects of life. At the same time, I found it hard to learn because the lectures and powerpoints were hard to grasp and not very cohesive. I needed help connecting points and maybe more explanation. Then again, I am not very bio-oriented.
34	Professor knows the topics very well so it is easy for him to explain them to the class. He can improve by putting more information on the slides because sometimes it is just a picture with no information.
35	Professor Leong is awesome, it would be good if there were key point handouts for each major section.
36	Professor was active and engaging which was helpful. The tests could be improved but just by consistency
37	Professor Leong was extremely talented in discussing the topics of bio-psychology in a way that not only helped me become more comfortable in the major of psychology but also in a way where he showed how to apply the concepts within the chapters to real-life situations. Ways to improve the course is to take the beginning topics slower. Leong had a tendency to speed up, even though the topic hasn't been comprehended yet
38	Professor Leong sets very clear expectations of his student and strives to make his class both enjoyable and not overly difficult. I would say that I had a particularly difficult time learning while physically in class because while I usually learn best through lectures and PowerPoint slides, I found Professor Leong's to be very haphazardly put together, and the accompanying verbal explanations were rather jumbled. I attribute most of my success in this class to studying on my own time, but I'm sure his methods worked well for other students.
39	One way to improve could be to use blackboard instead of google. Google docs got somewhat confusing throughout the semester and I feel blackboard would be more manageable for students.
40	One thing to maybe considering doing from now on is making it more engaging.
41	More projects! Less tests!
42	More frequent assignments may be helpful for retaining information learned in lecture
43	Making assignments due on Sunday would help tremendously. I work 20+ hours a week so it was hard for me to find time to do the assignments by Friday.
44	Lectures are interesting and professor is very knowledgeable
45	Josiah was THE BEST. He is so down to Earth and seriously inspired me to add a Psychology minor. I was initially so intimidated by this course, but I have learned so much and seriously enjoy going to class. He is so aware of all of our other responsibilities as a college student, and he takes that into consideration constantly with his assignments and tests. I cannot wait to take more classes with him.
46	Josiah made this course interactive and super interesting. He was very knowledgeable and was always eager to answer our questions.
47	Josiah is very engaging and so passionate about this topic which made it easy to pay attention and want to learn. At times, he sped through content because of this excitement, but he made an effort to slow down when we needed it and answered questions. Josiah was great, and the future of UARK neuroscience is in a great position with him on campus!!

48	Interesting and valuable lecture. Very good class.
49	I think that this course was well organized and taught in a way that was understandable and easy to follow.
50	I think it may actually be a bit more helpful for the quizzes to be on blackboard as homework so that we could practice exam-like questions outside of class instead of just in the last five minutes.
51	I think it would be helpful to have a few more assignments that focus on the anatomy that we learned. I understood the general concepts but felt that I needed a bit more repetition with specific brain structures and functions.
52	I really thought the information from this course was very interesting and I also liked the fact that Josiah always made sure to check in with us on ways that he could improve the course to help us learn better
53	I really liked the focus on understanding the material vs rote memorization, I believe I gained a lot more from this course as it is than I would have if it was structured more traditionally. Other than just working through more practice problems during the relevant lectures in preparation for exams, I don't really have any areas for improvement. That isn't as important since we did have dedicated review days, of course, but going over the questions with their associated subject material helped me better form a schema that improved my recall during the exam.
54	I really liked the grading makeup of the class! The exam questions could have been a little more specific at times, and for the fill in the blank questions there definitely needs to be sectioned word banks so its not as confusing and students dont lose as much time from having to scan the list over and over to make sure the word is on there. I think you should add one of those short answer sections in all your exams with simple to understand articles like the one you used in exam 3. I think everyone goes through high school "knowing" the scientific method and independent/dependent variables, but I had not learned about conditions nor did I regularly have to extract the important information from studies for my classes. I think having that would help students develop their comprehension skills and feel more confident reading more dense studies. The only other thing I can think of is that some note slides could be a little more thorough in explanations or definitions because there have been times that I couldnt figure out what was what. Continue to play music before class begins! You could even make a collaborative spotify playlist that students could add to, and then youd have playlists that remind you of every class' personality.I do wish the class size were smaller, but I think you still did a great job at being personable and reachable with a whole auditorium. Thank you for the great semester!
55	I really enjoyed professor Leong as a person and he was a great professor, however I believe the way exams were set up needs to change. We were given many questions that took lots of thinking and were fill in the blank. The word banks for 20 fill in the blank questions were unnecessarily long, and often made me question my confidence in answer choices. I also wish more professors would stop factoring attendance in grading. I understand they work hard to give lectures, but I am a full time student who is paying my own way through college and often have to choose work over class in order to pay my rent. I make sure to take notes on the lecture PowerPoints posted when I cannot attend and have done well on the exams and the assignments in this course. It is really disheartening to know that I will get a C in this course due to attendance.
56	I really enjoyed the content of the lectures it seemed perfect for an intro to Neuroscience course. However, since the next step is Behavioral neuroscience I think this class would need to have more in depth material as the next step is more like a jump in understanding concepts. That being said I also think that the exams are perfectly in line with the material and appreciate the ability to have a "cheat sheet" as neuroscience is a particularly hard concept to understand.
57	I loved the music before class! Maybe have a way to make the class a bit more interactive to capture the students attention more. The qr codes are good and having us talk to people around us is good, but maybe some activities would be cool
58	I loved this course and Josiah Leong is such an amazing teacher! You can tell he really is passionate and so knowledgeable about all the content.
59	I loved the structure of the class and loved professor Leong. He was more than willing to help his students and even though the class was challenging he was more than fair in providing ways to help our grade and learn more.
60	I loved how Professor Leong took the time to properly explain difficult concepts and even took time out of lectures to reexplain topics we struggled with.
61	I liked the assignments, and the class quizzes/responses. Those kept me engaged and made me think a bit more abstractly then normal.
62	I liked the fact that even though there were a large number of students in the class, interaction with other students was required at times.
63	I liked how the professor did the test and the reviews. Making a review game could be fun!
64	I like how the professor always asks for feedback and actually make changes based on the given feedback
65	I like how the tests are set up. I also like that after the first test he sent out the word bank. We had some problems on the word bank, but he ended up fixing it and giving us the free points. He asked for feedback after every test, which I personally think is an amazing thing teachers could do. It shows that he wants to be able to improve his own work. I honestly really enjoyed this class despite not being interested in the biology aspect of psychology!
66	I like Josiah, he is very lively and the lectures keep me interested. I do think the content is good but the slides can be hard to follow, and translate to the test.
67	I like Josiah - he's a great professor & knows what he is talking about. I think the only thing I would suggest to improve the course would be for Josiah to slow down a little bit - I think he gets really passionate & starts to go fast.
68	I learned a lot, I think Professor Leong did an amazing job!
69	I just took this class an elective, excellent instructor just not very interested in the topic as I thought I would be
70	I enjoyed having the guest speakers and open conversations. also the class games or mind tricks that show off a concept helped me remember and learn it. for improvements maybe use a different format for testing and just a shorter word bank!
71	I enjoyed the materials I was able to understand. I will say that google was not my favorite method for test taking.
72	I enjoyed the music played before class and when videos/ activities were shown/done.
73	I enjoy the style of the lectures/assignments
74	He was very good at giving the information needed but it was hard at times to understand it.
75	He was extremely knowledgeable and you could tell he was passionate/interested in neuroscience from the way he lectured, which was engaging. The fact that the course material was done strictly through google docs was horrendous. The benefit of Black Board is that all of our courses are in one place, we get special notifications through blackboard regarding assignments, test, etc., and the interface is extremely user friendly. Yet the professor decided to not use blackboard and do the course through google docs, so all those benefits were lost. When i mentioned this to other classmates i got nothing but agreement.
76	He could make the exams easier plus use blackboard
77	Exams were consistent with lecture material and Dr. Leong was good at noticing what we were not understanding. I also liked how relaxed the exams were and that exams were emphasized as the major grade in the class, but did not have a ton of pressure behind them
78	Edit the lecture slides so they are clearer - i.e. more text with pictures and explanations
79	Dr.Leong is fantastic and seems to care about the students and the information being taught.
80	Dr. Leong is very thorough in his lessons! He is extremely organized and knowledgeable about his field of expertise.

81	Dr. Leong was very kind and approachable. However, his slides weren't very detailed and in order to succeed, you have to remember or write down every word that he says. Tests are extraordinarily difficult and course is fast-paced.
82	Class was great , great teacher
83	Amazing teacher and loved the subject. Josiah made the course fun and interactive!
84	A little more organization of the lecture notes!
85	- The content was not explained in the best way in order to understand the content. - The test format made it difficult to know what material was important and made it difficult to pass.

Faculty:	Josiah Leong
Question:	Comments:
Response Rate:	30.14% (44 of 146)
1	please learn how to use blackboard. it makes it a lot easier for us to know our grades constantly and we don't have to use another site for one class.
2	not a fan of it not being on blackboard
3	n/a
4	great teacher
5	great professor would love have him as a professor again
6	cool dude.
7	While Dr. Leong is very knowledgeable and enthusiastic about the material, which is great because it makes me more interested in it, I do believe explaining concepts a bit more in depth would help. Some of the concepts mentioned in lectures were brand new to me. I am a senior in an intro neuroscience course and learning these ideas for the first time was challenging.
8	Very interesting lessons and he is passionate about the topic which makes it more enjoyable to learn.
9	This is one of my favorite classes I've taken during my time at the university. Thank you very much, Dr. Leong, I will definitely be trying to get in another one of your courses!
10	The professor did not answer any of my emails. I had COVID and had to miss class, and he never answered my email so I got an unexcused absence. This was a super hard class with even harder tests.
11	The professor is very engaged in his content and passionate about his field.
12	The best professor I have ever had!
13	Professor Leong is amazing and I am thrilled that he is helping the UArk Psych Department grow, as it is much needed. I am a senior, so I am sad that I won't get to see it flourish. I am a visual learner, so I would say that the powerpoints and execution of teaching could be improved a little.
14	Professor Leong made a difficult seeming subject easy and fun to learn. It's obvious he's passionate about his subject and teaching his students.
15	Professor Leong has a gift for explaining difficult material and making it digestible. Really enjoyed having him as my teacher this semester. He is amazing at his job.
16	Overall, a great professor who really cares about his students.
17	Only because this material doesn't come super easy to my brain, I might suggest dumbing it down to the basics sometimes when talking about parts of the brain and their processes.
18	None
19	Na
20	NA
21	Josiah is so smart and seriously such a great professor.
22	Josiah is a very fun professor and made things very interesting for us. Although his tests are extremely difficult, I would take a class of his again.
23	Josiah is a funny guy and nice, but he is so smart and understands the topic but I can't understand it at a level that I am able to know what is going on in the class. Just about everything goes over my head.
24	Josiah is awesome!! I was amazed by how smart he was and how much I learned from this class. He also set a super chill environment and made the class fun.
25	Josiah is a great teacher, but I would have liked for him to slow down and go through the topics more thoroughly, spending more time on each lecture slide so I could fully understand each topic.
26	Josiah is a wonderful instructor, easy to talk to, responds to questions/comments well both during and outside of lecture time.
27	Josiah is clearly knowledgeable and passionate about the content of the course
28	I really appreciate that he was receptive of our suggestions and at least tried to implement them quickly. I also like that although there was a schedule of lecture material to cover for a test, he would derail this schedule to re-explain topics that the class was not grasping.
29	I mentioned this in the "what went well" section, but Dr. Leong knows his stuff. He tries to improve as a teacher and asks for our feedback on the tests and assignments. And he made the class enjoyable!
30	I loved having Professor Leong as an instructor. He is kind, funny, extremely intelligent, and you can tell how much passion he holds for neuroscience. I loved being able to learn from him and will recommend his classes to my peers.
31	I love the energy in the class, josiah is amazing!
32	I love how excited he is to teach this class. I like how passionate he is about this class. It was a difficult course for me. I had trouble learning and understanding the topics discussed. I went to class. Maybe it's just the way I learn that I had trouble understanding.
33	I genuinely enjoyed having Dr. Leong as a professor. He is super passionate about the subject he teaches, and he managed to make a seemingly jargon-heavy subject not only more comprehensible but also relatable to our everyday lives - something that bettered my understanding of each topic.
34	He was hard to follow and too smart at times. He is a really kind and knowledgeable man.
35	He responds impressively fast to my emails.
36	He is a great teacher and really seems to know the material but he just needs to slow down when talking because it gets hard to keep up and understand what he is actually talking about. It would also be helpful if we could see our grades for the class in black bored instead of having to worry about calculating the grade for the course.

37	Great professor and very kind.
38	Great class and professor
39	Favorite class this semester.
40	Dr. Leong is a super cool teacher. You can tell he knows extensively about his area of study and helps explain it in a way that I can understand. His lectures are always interesting, and I look forward to going to his class.
41	Dr. Leong is amazing!!! His lectures are super engaging, and he clearly enjoys his job and cares about his students!!!
42	Dr. Leong clearly knows his stuff and teaches in a very engaging way
43	As stated in the previous section of this survey, I thoroughly enjoyed the class material and teaching style. Instructor was extremely knowledgeable and I recommend him to anyone needing or wanting to take biopsychology.
44	Appreciated my professor coming to class really excited and knowledgeable abt the content.

Course:	PSYC 3173 001 - BIOPSYCHOLOGY	Department:	PSYC
Responsible Faculty:	Josiah Leong	Responses / Expected:	63 / 141 (44.68%)
Overall Mean:	4.77 5 Point Likert Scale (440 responses) 4.69 Excellent to Very Poor (126 responses)		

ARSC College Core: Course Questions	PSYC 3173 - 001							--- Survey Comparisons ---					
	Responses (%)					Course		PSYC			All		
	SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	Assignments are related to goals of this course.												
	55 87.3%	7 11.1%	1 1.6%	0	0	63	4.86	1.6K	4.75	68	32K	4.59	74
Q2	The teaching methods used in this course enable me to learn.												
	40 63.5%	21 33.3%	2 3.2%	0	0	63	4.60	1.6K	4.51	52	32K	4.23	64
Q3	The stated goals of this course are consistently pursued.												
	52 82.5%	10 15.9%	1 1.6%	0	0	63	4.81	1.6K	4.69	69	32K	4.49	76

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Demographics	PSYC 3173 - 001									
	Responses (%)									Course
	COE	COE	DBC	FJS	JWF	SMW	SOL	GS	U	N
Q4	Your College:									
	5 7.9%	0	1 1.6%	0	57 90.5%	0	0	0	0	63

Responses: [COE] College of Education and Health Professions
[COE] College of Engineering
[DBC] Dale Bumpers College of Agricultural, Food and Life Sciences
[FJS] Fay Jones School of Architecture and Design
[JWF] J. William Fulbright College of Arts and Sciences
[SMW] Sam M. Walton College of Business
[SOL] School of Law
[GS] Graduate School
[U] UNDECLARED

Demographics	PSYC 3173 - 001					
	Responses (%)					Course
	A	B	C	D	F	N
Q5	Expected grade					
	49 77.8%	11 17.5%	3 4.8%	0	0	63

Responses: [A] A/PASS [B] B [C] C [D] D [F] F/FAIL

Demographics	PSYC 3173 - 001						
	Responses (%)					Course	
	F	S	J	S	G	O	N
Q6	Your class						
	0	9 14.3%	32 50.8%	22 34.9%	0	0	63

Responses: [F] Freshman [S] Sophomore [J] Junior [S] Senior [G] Graduate [O] Other

Demographics	PSYC 3173 - 001		
	Responses (%)		Course
	YES	NO	N
Q7	Course required		
	36 57.1%	27 42.9%	63

Responses: [YES] Yes [NO] No

University Core Course		PSYC 3173 - 001							--- Survey Comparisons ---					
		Responses (%)					Course		PSYC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q8	Overall, I would rate this course as:	41 65.1%	15 23.8%	7 11.1%	0	0	63	4.54	1.6K	4.51	44	32K	4.22	60

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

ARSC College Core: Instructor Questions		Josiah Leong							--- Survey Comparisons ---					
		Responses (%)					Individual		PSYC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q9	My instructor displays a clear understanding of course topics.	59 93.7%	2 3.2%	2 3.2%	0	0	63	4.90	1.6K	4.82	61	35K	4.60	73
Q10	My instructor is readily available for consultation.	46 73%	14 22.2%	3 4.8%	0	0	63	4.68	1.6K	4.61	38	35K	4.43	61
Q11	My instructor explains difficult material clearly.	44 69.8%	11 17.5%	6 9.5%	2 3.2%	0	63	4.54	1.6K	4.59	30	35K	4.22	58

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Josiah Leong							--- Survey Comparisons ---					
		Responses (%)					Individual		PSYC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	My Instructor is fluent in English	62 100%	0	0	0	0	62	5.00	1.6K	4.95	74	35K	4.78	77

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Josiah Leong							--- Survey Comparisons ---					
		Responses (%)					Individual		PSYC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q13	Overall, I would rate this instructor as:	56 88.9%	4 6.3%	3 4.8%	0	0	63	4.84	1.6K	4.64	72	35K	4.39	76

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Question:	What went well in this course? Suggest ways to improve the course.
Response Rate:	61.90% (39 of 63)
1	the information taught was very relevant and helpful, and I learned a lot from this course.
2	the homework was different where we used more of our own personal experiences and ideas for the future which I really liked. the only thing I would change is the slides. I didn't gain much from them and the book I felt didn't help explain ideas and I would get very jumbled before the test but overall I passed the class, I didn't think it was insanely hard, I did my homework and studied for tests and I ended with a solid grade.
3	Very much enjoyed the lectures by Professor Leong. In depth basic neuroscience while also including us students to answer questions and provide input. Homework was applicable and the tests were perfectly doable. Asked for our opinions on the homework assignments and the layout of the tests and changed things the majority "agreed" upon. Would love to take Prof. Leong again for a future neuroscience course that I haven't taken yet.
4	This course is so interesting and challenging (in a good way)
5	This class is extremely interesting and helpful to those who want to pursue neuroscience. Josiah communicates the material very well. Some things I would improve are more interactive assignments/lectures.
6	This class is so interesting! The material is difficult but very interesting and fun to learn about.
7	There were 4 assignments and 3 tests spread out. Attendance and participation were also counted. To improve this course, I would recommend the assignments to go along with course material more.

8	The way the teacher taught was insightful. It was an interesting class.
9	The tests and assignments were awesome! I did not feel stressed about memorizing the material and actually got to enjoy learning it.
10	The test are set up in a very weird way. It is more work to take the test and get it set up. I felt that the organization was confusing and led to misjudgment on answers.
11	The professor was great in the way that he went about teaching, really knew what he was talking about and was able to adequately explain it to even people who knew little on the topic.
12	The professor is very educated and experienced. The class is taught in a very comprehensive and informative way. I highly recommend this class and this professor, he is a very good teacher and intellectual.
13	The professor radiates enthusiasm and that makes students want to learn. I wish that there was more time to truly dive into the subject more than we have. The assignments help us reflect on material we have learned and are easy points!
14	The presentation, pace, content, and focus in this course all made learning easy for me. I don't know if you should change a thing.
15	The course was interesting. I had some trouble understanding the material. Not because of the professor but because the material is difficult.
16	Professor is EXTREMELY knowledgeable, explains hard topics in an easy to understand way. Could talk slower in lectures
17	Professor Leong is easily the best professor I have had in a while. I have nothing that I would say badly about this class
18	Professor Leong is very intelligent and truly cares for his students and wants them to succeed. I struggled a little in his class though due to the way the material was taught and the way test questions were worded. I feel I would have done better in this course if the material was explained in more detail and if more definitions were provided.
19	Pretty much everything. Professor Leong is one of my favorite professors I've ever had. He makes a very difficult class, simple. The only thing I would suggest is a variety of assignments to lock in the material.
20	Pace of lectures is excellent. I would suggest more student preparation before lectures by having quizzes on select chapters on days before the lecture for the chapter is given so that students can have a better understanding of material.
21	One of the many things I loved about this course was the grading. It was fairly constructed and very stress free. Another thing I loved was the material that was being taught and HOW the Dr. Leong taught the class. He helped us engage with other students and he related the topics he was teaching to "trends" that students were more aware of in order to relate to a topic he was teaching. One thing that could use improvement is the material being posted. Dr. Leong used google drive as the main source where students can locate their grades, turn in assignments, etc. I feel that the course would have been much more easier if Dr. Leong would have posted lecture notes, assignments, discussions, etc. onto Blackboard since it is somewhat easier for students to navigate. However, google drive was not such a horrible thing to access assignments and notes.
22	Nothing to comment improving on.
23	Mr. Leong brought his knowledge to this class and presented it in a way we could understand the material in a simpler way. He has a great amount of intelligence surrounding the brain to a deep extent that us students don't quite understand yet, for the most part. He took that to heart and built the class around what he thought would help us to know the topics to our best ability. He is by far one of the best professors I have ever had and his Genuity of care towards his students is known without a doubt in his teaching style.
24	More words on slides, but awesome other than that!
25	Loved having the powerpoints as you lectured
26	Josiah did a really good job applying what we learned to life after/outside of college, making the course useful in the real world and not just about memorizing facts for the test.
27	I wish it was more interactive, maybe assigned videos to watch to grasp the material better.
28	I wasn't sure what I was and was not supposed to know for exams and such he used the word jargon a lot and said they were things that we didn't need to remember but somewhere it all got lost in translation to me I know other students really enjoyed though so it could just be a personal problem
29	I think this class would go a lot better if it was done on blackboard. using the method he has is rather tedious. His teaching style is rather stream of consciousness so it is difficult to take notes at time if the content isn't on the slides. He is very knowledgeable on the topics in the class so it does make for a very interesting class.
30	I think that there should be more assignments. He made this class fun.
31	I personally loved this course. Dr. Leong would sometimes present a little fast but that just happens with some professors. I really liked that he asked students for their feedback throughout the semester as a way to improve the course. You could tell he really enjoyed teaching and that's what makes a student want to listen to a lecture.
32	I loved this course. I wasn't quite sure about it and was worried it would be boring but I learned so much and it helped me figure out what I would like to study for my career!!
33	I loved the way we did exams and assignments. To improve the course I think Prof Leong should offer a better way to check grades
34	I liked the way the lecture slides were set up. They were easy to follow, and the pictures and graphs helped with understanding. The forgiveness on attendance was also very helpful. I also think that the professor explained assignments very well and they connected to lecture without being busy work from a book. I have no suggestions for improvements, very well put together course.
35	I enjoyed the teaching methods that were used. Josiah was an amazing professor who truly cares about his students needs!
36	I enjoyed the assignments we had throughout the semester, as well as how he had the class structured. I honestly can't think of any improvements that need to be made.
37	I could learn a lot! Dr. Leong helped us a lot!! Thank you very much!!
38	Honestly, I think the course is as good as it gets! Our assignments, exams, and expectations for the course were easily laid out and attainable for all students in my opinion.
39	Course improvements: Grading method could be modified. Assign coursework that clarifies course objectives. Speak respectfully. Engage more with students. Clarify what is understood before moving into the next topic. Give the option for "paper exam" instead of students having to navigate two forms online. This cost me time. -I had to rush through the end of the exam. ..

Faculty:	Josiah Leong
Question:	Comments:

Response Rate:	49.21% (31 of 63)
1	overall Josiah was a great teacher, held my attention for the hour and 15 we were all there. he made good jokes and gave examples that better explained ideas from the book. I would say the only thing I noticed was he would start talking about an important point and continue to add in other comments and I just felt like it was hard to get the main point of the topic. honestly just getting to the point without confusing the class on what we should pick out as important.
2	he is very smart and well versed on the topics but I am not so sometimes I found it difficult to follow not always though also he used google drive instead of blackboard which made it harder to keep track of everything
3	You've opened my mind to the idea of doing more research related work when I graduate. I wish the neuroscience department was already here, but I hope you find success within it. Great professor.
4	Wonderful professor who has passion and makes this course interesting!
5	The professor is so sweet and very spunky which makes class interesting
6	The only issue that I had with this class was that there was no blackboard page. All of our class materials were on google drive. It was hard to manage all of my classes in general. It was frustrating to have to remember to check another website for class materials. I wish we could have had a blackboard page.
7	The instructor is very educated and experienced on many science topics, and he even exposes students to programming as it pertains to data collection. He is a good teacher and intellectual.
8	Really enjoyed this class and can't wait to learn more surrounding Neuroscience and how the brain works.
9	Professor Leong is very smart and knows his material really well. He is very passionate about neuroscience and I think there were times where he would think that we understand it just as well, but most of us do not. However, as the semester went on, he got a lot better at explaining the material. Overall, he is a great professor. He really cares about his students and wants them to do good. He also has a great sense of humor!
10	Prof Leong is very passionate about his topics, makes it very interesting as a student!
11	My favorite class and my favorite professor I've had thus far!
12	Made me excited when Professor Leong felt very excited to teach the course (which he expressed in lecture). Very positive environment.
13	Loved Professor Leong; very apparent he displays genuine passion for this course and for his students.
14	Love this class! I would highly recommend it for an elective, especially for Psych students who have a good science background.
15	Josiah was an enthusiastic, articulate speaker. I loved listening to his lectures.
16	Josiah was a very knowledgeable professor.
17	Josiah was a great professor and taught very well. I would love to take another one of his classes because it was very enjoyable. He knows what he is talking about and relates to the students very well.
18	Josiah has been a great instructor this semester. He keeps the lectures engaging and accommodates well for students, especially with the difficult transition of in person courses. He gives students lots of information about the course topics and other resources at the university. He is a great addition to the Uark psychology department.
19	It was a refreshing class. I enjoyed the content I was taught.
20	I thoroughly enjoyed this course and how it corresponded well with my behavioral neuroscience course. If it wasn't for this course, I would not have succeeded in behavioral neuro as I have.
21	I loved having Dr. Leong as a professor. He was constantly engaging not only in his lectures, but also with his students. He made lectures both enjoyable and interesting, and it was evident that he was clearly passionate about the material he was teaching. PSYC 3173 was by far my favorite class this semester, and Dr. Leong was my favorite professor I have taken a class from thus far in my college career. I would encourage anyone who as the opportunity to take one of his classes and I look forward to being able to learn more from him in the future!
22	I love this professor!! So kind and loves what he does!!
23	I like Josiah! He was a fun and engaging professor, and I would recommend him to other students.
24	I am glad that I could take his class!!
25	I absolutely enjoyed Dr. Leong as my professor this semester. He teaches the course very well. Dr. Leong is the first professor I have ever went to to discuss my concerns about my grades/attendance. Not only was he very understanding, he provided what I could do to improve them. I have always been afraid to discuss my concerns to my professors, but I am extremely thankful that Dr. Leong was the first professor I went to because it gave me hope and confidence to talk to my future professors as well. Dr. Leong, if you are reading this, thank you. Your taste in music is phenomenal (I have added a few to my own playlist) and your course was great. I wish you endless success and great happiness.
26	He certainly knows a lot about his field and clearly loves it. so much so that he will talk to fast and go through slides quickly at times. Sometimes it is rather difficult to grasp a topic in class when this happens, but he is careful to be aware of when that happens.
27	Dr. Leong makes this class fun and interesting. He understands the material and makes it easy to understand.
28	Dr. Leong is by far the coolest professor I've had. I would definitely take him again
29	Best professor ever
30	Absolutely amazing, would take any class with someone like him teaching it.
31	A great professor and a great person! Professor Leong is so understanding to all the students and was awesome at explaining topics that were difficult to understand.

Course:	PSYC 3173 001 - BIOPSYCHOLOGY	Department:	PSYC
Responsible Faculty:	Josiah Leong	Responses / Expected:	12 / 14 (85.71%)
Overall Mean:	4.88 5 Point Likert Scale (84 responses) 4.63 Excellent to Very Poor (24 responses)		

ARSC College Core: Course Questions	PSYC 3173 - 001							--- Survey Comparisons ---					
	Responses (%)					Course		PSYC			All		
	SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	Assignments are related to goals of this course.												
	10 83.3%	2 16.7%	0	0	0	12	4.83	53	4.85	41	716	4.66	55
Q2	The teaching methods used in this course enable me to learn.												
	9 75%	3 25%	0	0	0	12	4.75	53	4.70	45	716	4.35	67
Q3	The stated goals of this course are consistently pursued.												
	10 83.3%	2 16.7%	0	0	0	12	4.83	53	4.81	50	715	4.59	64

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Demographics	PSYC 3173 - 001									
	Responses (%)									Course
	COE	COE	DBC	FJS	JWF	SMW	SOL	GS	U	N
Q4	Your College:									
	2 16.7%	0	0	0	10 83.3%	0	0	0	0	12

Responses: [COE] College of Education and Health Professions
[COE] College of Engineering
[DBC] Dale Bumpers College of Agricultural, Food and Life Sciences
[FJS] Fay Jones School of Architecture and Design
[JWF] J. William Fulbright College of Arts and Sciences
[SMW] Sam M. Walton College of Business
[SOL] School of Law
[GS] Graduate School
[U] UNDECLARED

Demographics	PSYC 3173 - 001					
	Responses (%)					Course
	A	B	C	D	F	N
Q5	Expected grade					
	10 83.3%	0	2 16.7%	0	0	12

Responses: [A] A/PASS [B] B [C] C [D] D [F] F/FAIL

Demographics	PSYC 3173 - 001						
	Responses (%)						Course
	F	S	J	S	G	O	N
Q6	Your class						
	1 8.3%	0	4 33.3%	7 58.3%	0	0	12

Responses: [F] Freshman [S] Sophomore [J] Junior [S] Senior [G] Graduate [O] Other

Demographics	PSYC 3173 - 001			
	Responses (%)		Course	
	YES	NO	N	
Q7	Course required			
	6 50%	6 50%	12	

Responses: [YES] Yes [NO] No

University Core Course		PSYC 3173 - 001					--- Survey Comparisons ---							
		Responses (%)					Course		PSYC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q8	Overall, I would rate this course as:	9 75%	2 16.7%	1 8.3%	0	0	12	4.67	53	4.62	32	716	4.34	57

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

ARSC College Core: Instructor Questions		Josiah Leong						--- Survey Comparisons ---						
		Responses (%)					Individual		PSYC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q9	My instructor displays a clear understanding of course topics.	12 100%	0	0	0	0	12	5.00	53	4.85	68	891	4.56	81
Q10	My instructor is readily available for consultation.	12 100%	0	0	0	0	12	5.00	53	4.75	73	891	4.48	84
Q11	My instructor explains difficult material clearly.	10 83.3%	1 8.3%	1 8.3%	0	0	12	4.75	53	4.64	36	889	4.34	65

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Josiah Leong						--- Survey Comparisons ---						
		Responses (%)					Individual		PSYC			All		
		SA	A	U	D	SD	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	My Instructor is fluent in English	12 100%	0	0	0	0	12	5.00	53	4.89	68	890	4.70	74

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

University Core Instructor		Josiah Leong						--- Survey Comparisons ---						
		Responses (%)					Individual		PSYC			All		
		E	G	F	P	VP	N	Mean	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q13	Overall, I would rate this instructor as:	8 66.7%	3 25%	1 8.3%	0	0	12	4.58	53	4.68	32	891	4.46	44

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Question:	What went well in this course? Suggest ways to improve the course.
Response Rate:	58.33% (7 of 12)
1	Josiah is extremely accommodating and understanding which allows students to still be successful in the course even when something comes up. He explains each lesson by providing real life/up to date examples which helps students get a better understanding of course concepts. The structure of the course was simple and easy to navigate. Josiah rocks!
2	Josiah Leong is a very intelligent man and you can see his passions for neuroscience in the way he teaches. One of my favorite classes so far and I would 100% take one of his classes again
3	I liked when the professor related this to real-world examples. One way to improve this class would be to go into a deeper explanation of the test types and the material in the first unit. I am not a psychology major, I am a Kinesiology major, so for this unit, I googled a lot on my own time to better understand it. I understand, however, that we learned a topic in weeks versus a whole semester haha. I liked the format and flow of the course material!
4	All of the requirements were listed and completed over the course thoroughly! Maybe focus more on the specific material needed instead of extra details...I enjoyed them, but I know some students were confused on what they did or didn't need to know for the tests
5	I liked how he taught the material and also engaged with the class, as opposed to just reading off of a slide for an hour and thirty minutes.

6	Having a clearer idea of what each exam will consist of would help with studying. All of the readings being provided was very helpful. Knowing what paper I will present on from the start of the semester would have helped my stress levels.
7	Great delivery and methods. Best course I've taken on campus yet. I don't see any need for improvement

Faculty:	Josiah Leong
Question:	Comments:
Response Rate:	25.00% (3 of 12)
1	Instructor was very understanding of situations, and also very knowledgeable!
2	Great asset to the University of Arkansas faculty and research!
3	Best course I've taken ye.