

Physiology and Psychology of Emotion PSY 494H1 – Fall 2021

Lectures:

Sept 10th and Sep 17th – Synchronous online delivery – Fridays, from 12pm to 3pm

Join Zoom Meeting Meeting ID: 837 9159 8181

https://utoronto.zoom.us/j/83791598181 Passcode: PSY494

Or dial +1 647 374 4685 Canada | +1 647 558 0588 Canada

Meeting ID: 837 9159 8181 Passcode: 821121

Oct 1st to Dec 10th – In-person class – Fridays from 12pm to 3pm

Location: UC 144 (University College – 15 King's College Circle, Toronto, ON)

Contact Information

Instructor:	Teaching Assistant(s):	
Dr. Flavia Marini	Ariana Youm	
Email: flavia.casasantamarini@utoronto.ca	Email: Ariana.youm@mail.utoronto.ca	
Office Hours:	Office Hours:	
All office hours will be online by appointment	All office hours will be online by appointment	

Course Description, Goals, and Prerequisites

This course will focus on the biological and psychological basis of emotions. We will be discussing various philosophical traditions related to emotion as well as investigating the historical and current scientific literature of emotion research.

The lectures will elucidate the various theories related to how the brain and body contribute to emotional experience. We will explore how emotions arise from neural and somatic dynamics as well as the social influences of emotional experience and expression. We also will address how emotions are adaptive, how they differ culturally, how they shape perception, and how they are altered in psychopathology.

Upon completion of this course, you will have a proficient understanding of how emotions are studied scientifically, how this area of research has evolved, as well as the limitations and future directions of scientific emotional inquiry.

Prerequisites:

PSY201H1/ECO220Y1/EEB225H1/GGR270H1/POL222H1/SOC202H1/STA220H1/STA238H1/STA248H1/STA288H 1/PSY201H5/STA215H5/STA220H5/PSYB07H3/STAB22H3/STAB23H3/STAB57H3, and PSY260H1/PSYB38H3 or PSY270H1/PSY270H5/PSYB57H3/COG250Y1 or PSY290H1/PSY290H5/PSYB64H3/HMB200H1/PSL300H1

Note about prerequisites – University Policy: It is your responsibility to ensure that you have met *all* prerequisites listed in the Psychology section of the A&S Calendar for this course. If you lack any prerequisites you will be removed. No waivers will be granted.

Reading Material/Textbook(s)

There is no textbook for this course. All readings will be articles uploaded onto Quercus to be read each week. All readings are listed in the course outline on page 6.

Course Evaluation/Marking Scheme

Evaluation

Midterm 25% (2-hour exam). Oct. 22

Reaction papers 30% (3 reaction papers, 10% each). Nov 2

Presentation 20% (15% ~5 min presentation; 5% participation). Nov 5 and Nov 19

Final Exam 25% (2-hour exam). Dec.10

Midterm 25% (2-hour exam, all topics before this date), Oct. 22

The midterm exam will cover the material discussed in lecture and in the readings during weeks 1-6. The exam will consist in essay questions about the major theories of emotion. No notes will be allowed during the exam, but you will know the questions before the exam so you can prepare yourself. Questions will be available on Oct. 15, one week prior to the exam.

3 reaction papers 30% (10% each)

There will be three reaction papers during the semester, each one worth 10% of your grade. You will watch a ~20 minute video interview between Dr. June Gruber (a noteworthy emotion researcher) and a different expert scholar in emotion. There are several interviews available (page 7-8); you will select 3 topics of your choice and will submit a 1-page reaction essay to watching the online interview. Discussing and critically analyzing the major themes discussed in each video (a summary of the interview is not sufficient). Each essay must be your own work and essays will be monitored via TurnItIn. All papers will be due before midnight on Nov. 2 – submit on Quercus.

Presentation 20% (15% ~5 min presentation; 5% participation). Nov 5 and Nov 19

You will be assigned to one of the two presentation days. You will give a ~5 minute talk about one of your reaction papers. This will give you the opportunity to verbally communicate your view and opinion to your peers. You do not need to make slides for this presentation. To motivate your presentation, think about why that topic is important or interesting and briefly discuss the research that supports your perception. You will be assessed on the clarity of your content, your ability to communicate scientific information, and your presence (e.g. engagement, enthusiasm, focus) as a speaker. 10% of your grade will be towards your presentation. 10% will be towards your presence on your peers presentation. You should communicate to your TA which interview topic you selected to present by Oct 8. On Oct 15 you will be assigned to one of the two presentations days (Nov 5 and Nov 19).

Final Exam 25% (2-hour exam). Dec.10

The final exam will be cumulative and will cover material discussed in lecture and in the readings throughout the semester. The exam will consist of multiple-choice and short-answer questions. This exam will be held during exams week.

Course update and Webpage/Quercus

The website associated with this course is accessible via http://q.utoronto.ca. All course announcements will be made through Quercus. Students are responsible for monitoring the course website regularly for important announcements and updates. Please keep in mind that Quercus will only send out emails to utoronto email addresses. So be sure to check your UofT email for any course announcements.

All course slides, readings, and assignment instructions will be available on this course's Quercus site.

You are welcome to email me at any time. When you e-mail, please include "PSY494" in the subject heading. Responses to emails will be made as soon as possible, but please expect 48-hours for a reply, longer on weekends.

Course Policies

Missed Tests: You must notify me ASAP if you are unable to make it to term exams. A make-up test will be available on Dec. 9 for those who were not able to attend the exams. You may require to fill appropriate documentation of absence available on ACORN under the Profile and Settings menu.

Missed presentations: There are two days with presentations, both influence your mark. You must notify me ASAP if you are unable to make it to presentation dates. A make-up test will be available on Dec. 9 for those who were not able to attend the presentations.

Submission instructions: Your reaction papers must be submitted electronically as a Word document via Quercus under Assignments. Your reaction papers are due before midnight on Nov. 2 It's your responsibility to ensure you have a properly working internet connection. Avoid last-minute submissions. You are welcome to submit your reaction papers at any time before Nov. 2. Once submitted, it will be considered final version and no other version regarding that specific topic will be accepted.

Penalties for Lateness

The deadline for the written assignments is firm. The penalty for reaction paper lateness is 5% deduction from the final paper mark per day after the submission deadline (Nov. 2), including weekends. To be excused for a late submission you must provide appropriate documentation.

Plagiarism

Submitting a paper that you did not write, recycling papers you have written for other classes, or quoting others without citing them constitutes plagiarism. **Plagiarism will result in a failing grade for the course.**

Turnitin.com

Each essay must be your own work and essays will be monitored via TurnItln. Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.

Exam and Assignment Review: Your TA will hold office hours to allow you to review your test within one week of releasing the grades on Quercus. Any individual meetings outside of these hours are up to the TA's discretion, but you have one week from the release of the grades to request to review your exams and/or assignments.

Grade appeals: If after meeting with your TA you are still dissatisfied with the grading of your paper, term test, or other assignments, you can submit a written appeal request to your instructor detailing why you think you deserve a higher grade. You cannot submit an appeal if you have not first met with your TA. You have one week from when the marks are released to submit an appeal, but only after meeting with the TA. Be aware that your mark may stay the same, go up, or go down.

Religious Accommodation

As a student at the University of Toronto, you are part of a diverse community that welcomes and includes students and faculty from a wide range of backgrounds, cultural traditions, and spiritual beliefs. For my part, I will make every reasonable effort to avoid scheduling tests, examinations, or other compulsory activities on religious holy days not captured by statutory holidays. Further to University Policy, if you anticipate being absent from class or missing a major course activity (like a test, or in-class assignment) due to a religious observance, please let me know as early in the course as possible, and with sufficient notice (at least two to three weeks), so that we can work together to make alternate arrangements.

Attendance and Participation: Because the lectures may cover material that is not contained in the readings, class attendance is essential. I highly recommend obtaining notes from a classmate if you miss a class because all material covered in lecture that is spoken or in the lecture slides is testable material on the exams. I strongly encourage class discussion and questions.

Academic Resources

Writing:

As a student here at the University of Toronto, you are expected to write well. The university provides its students with a number of resources to help them achieve this. For more information on campus writing centres and writing courses, please visit http://www.writing.utoronto.ca/.

Academic Integrity and Plagiarism:

All students, faculty and staff are expected to follow the University's guidelines and policies on academic integrity. For students, this means following the standards of academic honesty when writing assignments, collaborating with fellow students, and writing tests and exams. Ensure that the work you submit for grading represents your own honest efforts. Plagiarism—representing someone else's work as your own or submitting work that you have previously submitted for marks in another class or program—is a serious offence that can result in sanctions. Speak to me or your TA for advice on anything that you find unclear.

To learn more about how to cite and use source material appropriately and for other writing support, see the U of T writing support website at www.writing.utoronto.ca/. Consult the Code of Behaviour on Academic Matters for a complete outline of the University's policy and expectations. For more information, please see http://www.artsci.utoronto.ca/osai and http://academicintegrity.utoronto.ca/

Accessibility Needs:

Students with diverse learning styles and needs are welcome in this course. If you have an acute or ongoing disability issue or accommodation need, you should register with Accessibility Services (AS) (www.accessibility.utoronto.ca) at the beginning of the academic year. Without registration, you will not be able to verify your situation with your instructors, and instructors will not be advised about your accommodation needs. AS will assess your medical situation, develop an accommodation plan with you, and support you in requesting accommodation for your course work. Remember that the process of accommodation is private: AS will not share details of your condition with any instructor, and your instructors will not reveal that you are registered with AS.

Academic Success Services: If you need help with time management, goal setting, study tips, and/or take good notes you can meet with a learning strategist at Academic Success to learn some helpful strategies. (http://www.studentlife.utoronto.ca/asc)

Mental Health & Wellbeing: It is common for students to experience challenges that can interfere with learning. These challenges include relationship conflicts, increased anxiety, substance use, feeling down, difficulty concentrating and feeling motivated, and financial strain. These factors may affect your academic performance and your ability to participate fully.

An important part of the University experience is learning how and when to ask for help. Please take the time to inform yourself of available resources and do not hesitate to seek assistance from your from me, or your TAs, to help learn what supports are available. We are often afraid to admit we need support even though we all experience times of self-doubt and difficulty. Being a student is hard and we often put on the appearance of being stronger and more confident than we are. So don't let that prevent you from connecting from resources that can help you.

There are many helpful resources available through your college Registrar or through Student Life: http://www.studentlife.utoronto.ca/

Counselling and Psychological Services: http://www.studentlife.utoronto.ca/hwc

Resources for if you are in crisis: http://safety.utoronto.ca/

Campus and community resources for staying connected and building coping skills: www.studentlife.utoronto.ca/hwc/feeling

Course Outline/Schedule

Week	Date	Topic	Readings	
1	Sep. 10	Course Overview Philosophical Traditions	Dixon, 2012	
2	Sep. 17	The Evolutionary Perspective	Hess & Tibault, 2009 Susskind et al., 2008 Ekman, 1992 (additional literature)	
3	Sep. 24	The Physiological Perspective	Friedman, 2010 Pace-Schott, 2019 (additional literature)	
4	Oct. 01	Social Constructivism & Cultural Differences	Averill, 2012 Gendron et al., 2014 Fischer & Gerben, 2010 (additional literature)	
5	Oct. 08	Thanksgiving holiday	No class	
6	Oct. 15	Emotion Appraisal & Modulation	Moors et al., 2013 Gross & Barrett, 2011 Smith & Ellsworth, 1985 (additional literature)	
7	Oct. 22	MIDTERM (in class)		
8	Oct. 29	Neuroscience of Emotion	Dalgleish et al., 2009 Roth & Sweatt, 2011	
9	Nov. 05	Presentations	Experts in Emotion Series with Dr. Jude Gruber	
10	Nov. 12	Fall reading week	No class	
11	Nov. 19	Presentations	Experts in Emotion Series with Dr. Jude Gruber	
12	Nov. 26	Special Topics I (students' choice)	To be defined	
13	Dec. 03	Special Topics II (students' choice)	To be defined	
14	Dec. 10	FINAL EXAM (in class)		

Details on Assignments

	Experts in Emotion Series with Dr. Jude Gruber				
	Interviewee	Topic	Link		
#2	Dr. Lisa Feldman Barrett	What is an emotion?	https://youtu.be/3tn9z1PngYA		
#3	Dr. John J.B. Allen	Emotion elicitation	https://youtu.be/rJoyyJE3QJU		
#4	Dr. Greg Siegle	Emotion elicitation	https://youtu.be/AKge_bLSFi4		
#5	Dr. Iris Mauss	Measuring emotion	https://youtu.be/dDMdE3MnBFU		
#6	Dr. Laurie Santos	Do animals feel and think like us?	https://youtu.be/NxEZoMlapoM		
#7	Dr. Lisa Parr	Emotion expression & recognition in chimpanzees	https://youtu.be/JP8ey3Nmbe8		
#8	Dr. Jaak Panksepp	Animal models of human emotion	https://youtu.be/dr3AUZuRsfw		
#9	Dr. Leda Cosmides Dr. John Tooby	Evolution and emotion	https://youtu.be/CUE-c5IvDRY		
#10	Dr. Paul Ekman	Universality of emotion	https://youtu.be/vghfP9pENGc		
#11	Dr. Yulia Chentsova Dutton	Social construction of emotion	https://youtu.be/70irNs6Nabw		
#12	Dr. Jeanne Tsai	Culture and emotion	https://youtu.be/T46EZ8LH8Ss		
#13	Dr. Marianne La France	Gender and Emotion	https://youtu.be/qxSR9U_LbSw		
#14	Dr. Michael Bailey	Sex and Emotion	https://youtu.be/SNzZeEyu85c		
#15	Dr. Jo-Anne Bachorowski	Laughter	https://youtu.be/FPmfZLsxJPQ		
#16	Dr. Jonathan Rottenberg	Crying	https://youtu.be/tr2fSyp1sLc		
#17	Dr. Matthew Hertenstein	Touch	https://youtu.be/uRW_UA7Yx04		
#18	Dr. John Cacioppo	Psychophysiology	https://youtu.be/h2FVFlychL4		
#19	Dr. Wendy Berry Mendes	Psychophysiology measurement and health	https://youtu.be/RAF-22U2wo4		
#20	Dr. Robert Levenson	Psychophysiology and emotion	https://youtu.be/DImvHHUxNZE		
#21	Dr. Richard Davidson	Affective Neuroscience	https://youtu.be/30ldoyclwHE		
#22	Dr. Kent Berridge	Pleasure and Reward in the Brain	https://youtu.be/51rGE1Dglo0		
#23	Dr. Tor Wager	Emotion and the Brain	https://youtu.be/z-8XCK9P430		
#24	Dr. Jessica Tracy	Self-Conscious Emotions	https://youtu.be/N9YKsv_ukTQ		
#25	Dr. Dacher Keltner	Embarrassment	https://youtu.be/NfzTpSCkcjA		
#26	Dr. Naomi Eisenberger	Social Pain and Pleasure	https://youtu.be/gqlJy4nBQAc		
#27	Dr. June Tangney	Guilt and Shame	https://youtu.be/p8s6Jtzukos		
#28	Dr. David Rand	Emotion and Cooperation	https://youtu.be/0-ViQHMKrP0		
#29	Dr. David DeSteno	Emotions and Social Interaction	https://youtu.be/701QEmZcYfE		
#30	Dr. Margaret Clark	Emotions and Relationships	https://youtu.be/iBxpOQX2WxM		
#31	Dr. Jonathan Haidt	Morality and Emotion	https://youtu.be/q9_b_yF-huA		
#32	Dr. David Pizarro	Morality and Disgust	https://youtu.be/9nVvy89TtMs		

#33	Dr. Jamil Zaki	Empathy	https://youtu.be/h4cvx0zYgD8
#34	Dr. Steven Pinker	Violence and Emotion	https://youtu.be/IQufyzz2vHE
#35	Dr. Gerald Clore	Emotion and Cognition	https://youtu.be/A2zzwdC00wY
#36	Dr. Derek Isaacowitz	Attention and Emotion	https://youtu.be/DCWfHzrQ
#37	Dr. John Bargh	Unconscious Emotion	https://youtu.be/S4omk_ONo6M
#38	Dr. Jennifer Lerner	Emotion and Judgment	https://youtu.be/hfAZbUDLTS8
#39	Dr. Michael Norton	Consumerism and Emotion	https://youtu.be/VJAvql9xWOA
#40	Dr. Brian Knutson	Neuroeconomics and Emotion	https://youtu.be/qcv7extWFHU
#41	Dr. James Gross	Emotion Regulation	https://youtu.be/xZ6zEwzi-iw
#42	Dr. Kevin Ochsner	Emotion Regulation and the Brain	https://youtu.be/bWBU9mI-nHM
#43	Dr. James Coan	Social Regulation of Emotion	https://youtu.be/I7DjRXB0tWk
#44	Dr. Jerome Kagan	Temperament	https://youtu.be/rzgHhhU-GQY
#45	Dr. Joseph Campos	Emotion Development in Infancy	https://youtu.be/pj9xMMsO9pY
#46	Dr. Leah Somerville	Emotion in Adolescence	https://youtu.be/xhi07YmsISE
#47	Dr. Nancy Eisenberg	Emotion Regulation in Children	https://youtu.be/4QEG1C_MWtU
#48	Dr. Laura Carstensen	Emotion and Aging	https://youtu.be/ypiwuVBxlEs
#49	Dr. Ronald Dahl	Emotion and Sleep in Adolescence	https://youtu.be/igiEYil6JBw
#50	Dr. Judith Moskowitz in	Emotion and Physical Health	https://youtu.be/91tFHYm9qso
#51	Dr. Pranjal Mehta	Emotion and Hormones	https://youtu.be/6MgQa2d3L2g
#52	Dr. Douglas Mennin	Anxiety and Emotion	https://youtu.be/gN93hYHwEoY
#53	Dr. Jutta Joormann	Depression and Emotion in Adults	https://youtu.be/Fxoq6J3AfQ4
#54	Dr. Ian Gotlib	Depression and Emotion in Adolescents	https://youtu.be/ag8h2P4tudQ
#55	Dr. Sheri Johnson	Emotion and Bipolar Disorder	https://youtu.be/PfmcydaWi4Y
#56	Dr. Ann Kring	Schizophrenia and Emotion	https://youtu.be/hklKJlvU3zU
#57	Dr. David Watson	Personality and Emotion	https://youtu.be/YXQBFpf_m3k
#58	Dr. George Bonanno	Emotion and Resilience	https://youtu.be/pyBGkcihPas
#59	Dr. Hedy Kober	Craving and Mindfulness	https://youtu.be/M5jx-IXib4w
#60	Dr. Roy Baumeister	Self-Regulation and Emotion	https://youtu.be/6IC7Vwi69XQ
#61	Dr. Barbara Fredrickson	Positive Emotion	https://youtu.be/U3shRNsHeYk
#62	Dr. Daniel Gilbert	Happiness	https://youtu.be/fq9v6nGmHQc
#63	Dr. Maya Tamirthe	Dark Side of Positive Emotion	https://youtu.be/6R2ALQfEZwA
#64	Dr. Arturo Bejar	Emotion and Social Media	https://youtu.be/v-aBFry7QFY