

Pain: Body and Mind

Psyc 429
Winter, 2024

Intended Student Learning Outcomes

To complete this course students will demonstrate their ability to:

1. Identify and analyze critical issues in pain research and treatment
- 2.

WEEK 11 (14/03-20/03)
Fibromyalgia Assessment

WEEK 12 (21/03-27/03)

only have 20 minutes to complete a quiz consisting of 5 questions, so it is highly recommended that you complete the readings prior to starting the quiz. You will have one chance to complete the quiz, so do not start the quiz unless you are ready to complete it.

Duncan, G. (2017). The Meanings of 'Pain' in Historical, Social, and Political Context. *Pain*, 118(4), 514-531.

WEEK 3

Required Readings

Raja, Srinivasa N.^a; Carr, Daniel B.^b; Cohen, Milton^c; Finnerup, Nanna B.^{d,e}; Flor, Herta^f; Gibson, Stephen^g; Keefe, Francis J.^h; Mogil, Jeffrey S.ⁱ; Ringkamp, Matthias^j; Sluka, Kathleen A.^k; Song, Xue-Jun^l; Stevens, Bonnie^m; Sullivan, Mark D.ⁿ; Tutelman, Perri R.^o; Ushida, Takahiro^p; Vader, Kyle^q The revised International Association for the Study of Pain definition of pain, *PAIN*: May 23, 2020 - Volume Articles in Press - Issue - doi: 10.1097/j.pain.0000000000001939

Machery, Edouard, and Justin Sytsma. "Robot pains and corporate feelings." *Philosophical Explorations* 14(1): 78-82.

Craig, A. D. (2003). A new view of pain as a homeostatic emotion. *Journal of Experimental Psychology*, *132*(6), 303-307.

WEEK 5

Required Readings:

Iannetti, G. D., Salomons, T. V., Moayedi, M., Mouraux, A., & Davis, K. D. (2013). Beyond metaphor: contrasting mechanisms of social and physical pain. *Journal of Experimental Psychology*, *138*(8), 371-378.

Derbyshire, S. W. (2016). Pain and the Dangers of Objectivity. In *Journal of Experimental Psychology* (pp. 23-36). Springer, Cham.

Salomons TV, (2018) Pain as an embodied emotion. In Fox AS, Lapate RC, Shackman AJ & Davidson RJ (Eds). pp. 291-298 *The nature of emotion. Fundamental questions* (2nd ed.). New York: Oxford University Press.

Suggested Readings:

Wager, T. D., Atlas, L. Y., Lindquist, M. A., Roy, M., Woo, C. W., & Kross, E. (2013). An fMRI-based neurologic signature of physical pain. *Journal of Experimental Psychology*, *138*(15), 1388-1397.

Feinstein, Justin S., et al. "Preserved emotional awareness of pain in a patient with extensive bilateral damage to the insula, anterior cingulate, and amygdala." *Journal of Experimental Psychology* 221.3 (2016): 1499-1511.

Salomons, T. V., Iannetti, G. D., Liang, M., & Wood, J. N. (2016). The "pain matrix" in pain-free individuals. *Journal of Experimental Psychology*, *141*(6), 755-756.

WEEK 6

Required Reading:

Derbyshire, S. W., & Bockmann, J. C. (2020). Reconsidering fetal pain. *Journal of Medical Ethics*, *46*(1), 3-6.

Salomons, T. V., & Iannetti, G. D. (2022). Fetal pain and its relevance to abortion policy. *Nature Neuroscience*, *25*(11), 1396-1398.

Condic et al (2021) Amicus Brief to US Supreme Court in Dobbs vs Jackson Women's Health Organization

MacAvoy et al (2021) Amicus Brief to US Supreme Court in Dobbs vs Jackson Women's Health Organization

Suggested Readings:

Braithwaite, V. A., & Boulcott, P. (2007). Pain perception, aversion and fear in fish. *Diseases of Aquatic Organisms*, *75*(2), 131-138.

Key, B. (2015). Fish do not feel pain and its implications for understanding phenomenal consciousness. *Biology & Philosophy*, *30*(2), 149-165.

WEEK 8

Required Reading:

"Living With Pain", Claire Suddath, Time Magazine, March 11, 2011. http://content.time.com/time/specials/packages/article/0,28804,2053382_2055269_2055261-1,00.html

https://en.wikipedia.org/wiki/Chronic_pain

<https://www.bbc.com/future/article/20170110-why-pain-is-so-hard-to-measure---and-treat>

Tait, R. C., Chibnall, J. T., & Kalauokalani, D. (2009). Provider judgments of patients in pain: seeking symptom certainty. *Pain*, 141(1), 11-34.

Turk, D. C., Wilson, H. D., & Cahana, A. (2011). Treatment of chronic non-cancer pain. *Journal of Clinical Pharmacy and Therapeutics*, 36(9784), 2226-2235.

Wall (2000) "How Treatments Work" in Pain: The Science of Suffering 1st Edition, pp 107-124

Suggested Readings:

Filligim, R. B., Loeser, J. D., Baron, R., & Edwards, R. R. (2016). Assessment of chronic pain: domains, methods, and mechanisms. *Pain*, 157(9), T10-T20.

Prkachin KM, Solomon PE, Ross J. Underestimation of pain by health-care providers: towards a model of the process of inferring pain in others. *Can J Nurs Res*. 2007 Jun;39(2):88-106. Review. PubMed PMID: 17679587.

Turk and Melzack (2011) *The Measurement of Pain and the Assessment of People Experiencing Pain* in Turk, D. C., & Melzack, R. (Eds.). (2011). Guilford Press. Pp 3-16.

WEEK 9

Required Reading:

Meske, D. S., Lawal, O. D., Elder, H., Langberg, V., Paillard, F., & Katz, N. (2018). Efficacy of opioids versus placebo in chronic pain: a systematic review and meta-analysis of enriched enrollment randomized withdrawal trials. *Journal of pain research*, 11, 923.

Belzak, & Halverson (2018). Evidence synthesis-The opioid crisis in Canada: a national perspective. *Health promotion and chronic disease prevention in Canada: research, policy and practice*, 38(6), 224.

Goldstone "The Pain Refugees" <https://harpers.org/archive/2018/04/the-pain-refugees/>

Suggested Reading:

<https://www.newyorker.com/magazine/2017/10/30/the-family-that-built-an-empire-of-pain>

https://www.huffpost.com/archive/ca/entry/limiting-opioids-alone-is-not-a-sustainable-pain-care-plan_b_10374856

<https://www.theatlantic.com/health/archive/2018/06/opioid-epidemic/563576/>

WEEK 10

Required Reading:

Final Paper

The final paper will be a more in-depth discussion of one of the topics discussed in the course. It should be essay style, with proper sentence and paragraph structure. References should be APA style. Aim for around 1000 words. Do not exceed 1500 words. There will be 2% penalty for every 50 words you go over (so 1501 words gets -2%, 1551 gets -4% etc.).

Topics

Your paper should relate to course themes (so obviously it should be about pain!), but beyond that you have a great deal of flexibility. In general terms, you should choose a topic other than what you wrote your Reaction Paper on, but if you have an idea for how you could expand on the topic without repeating what you wrote in your reaction paper, outline this in an email and I

Statement on Academic Integrity

Queen's students, faculty, administrators and staff all have responsibilities for upholding the fundamental

Course materials created by the course instructor, including all slides, presentations, handouts, tests, exams, and other similar course materials, are the intellectual property of the instructor. It is a departure from academic integrity to distribute, publicly post, sell or otherwise disseminate an instructor's course materials or to provide an instructor's course materials to anyone else for distribution, posting, sale or other means of dissemination, without the instructor's _____ A student who engages in such conduct may be subject to penalty for a departure from academic integrity and may also face adverse legal consequences for infringement of intellectual property rights.

Acknowledgement of Territory

Queen's University is situated on the territory of the Haudenosaunee and Anishinaabek. We are grateful to be able to live, learn and play on these lands.

Accommodations for Disabilities

Queen's University is committed to achieving full accessibility for people with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. The Senate Policy for Accommodations for Students with Disabilities was approved at Senate in November 2016 (see <https://www.queensu.ca/secretariat/sites/webpublish.queensu.ca.uslclwww/files/files/policies/senate-andtrustees/ACADACCOMMPOLICY2016.pdf>). If you are a student with a disability and think you may need academic accommodations, you are strongly encouraged to contact the Queen's Student Accessibility Services (QSAS) and register as early as possible. For more information, including important deadlines, please visit the QSAS website at: <http://www.queensu.ca/studentwellness/accessibility-services/>

Academic Consideration for Students with Extenuating Circumstances

Queen's University is committed to providing academic consideration for students with extenuating circumstances. This process is designed to ensure that students are given the opportunity to complete their academic work in a fair and equitable manner.