

I confirm that I have not used any AI tools in the research and creation of this assignment. I confirm that I have not presented any AI generated materials as my own work. I confirm I have copies of my drafts, notes, and other resources I used, which I may be asked to provide in evidence.

Article Summary

The Bear Necessities of Stress

In this article Mark Wetherell (2022) studies the body's reaction to both long-term and short-term stress. He compares the stresses we face today compared to the stress that would have been faced by our ancestors such as being attacked by a bear. While modern day people don't face wild animals, stress still activates the same reaction from the body as it did then. Whether it be a dangerous event or a hard day at work.

When the body experiences stress, the reaction is known as 'fight or flight'. This is caused by the brain, specifically the hypothalamic-pituitary-adrenal (HPA) axis. The important hormone involved is cortisol, this is produced to help the body deal with stress. It does this by releasing glucose, which in turn keeps inflammation to a minimum and keeps the blood pressure under control. The body has natural amounts of cortisol in the body but stress drastically increases its production.

Some stress can be helpful, short-term stress enables the body to have the ability to react fast and effectively. For instance, if you are in danger cortisol will enable you to run away or stay and fight. However, exposure to stress over a long period of time will cause your body to keep cortisol high and has been known to do damage to the body and the brain.

Wetherall (2022) goes on to explain that long-term stress exposure keeps cortisol too high for too long, which has a whole host of effects on the body. Health issues linked to chronic stress are, heart disease, depression, anxiety, poor memory, and weight gain. He also suggests that the immune system is also affected causing it to be more difficult to fight off illness.

One of Wetherall's key points is that life today is full of stressors such as pressures at work, issues at home and deadlines. Which means that modern bodies are in a constant state of high survival, that's not what the body was designed to cope with. The stress response is supposed to protect from short-term threats, not long-term mental stress.

Wetherall (2022) posits that finding ways to relax the body and mind will help reduce stress becoming harmful. He suggests meditation and exercise can help reduce cortisol to normal levels.

The Bear Necessities of Stress explains how stress can be helpful when exposed to short bursts but can be harmful if cortisol levels remain high for a prolonged period of time. Learning to manage stress and manage it effectively is important to protect the mind but also the body.

Reference list

British Psychological Society. (2022, September 14). The bear necessities of stress. British Psychological Society.

<https://www.bps.org.uk/psychologist/bear-necessities-stress>

Reference List

- Davis, E. R., & Clarke, M. J. (2022). *Modern marketing strategies*. Business Books Publishing.
- Department for Environment, Food & Rural Affairs. (2020). *UK climate change risk assessment 2020*. UK Government.
<https://www.gov.uk/government/publications/uk-climate-change-risk-assessment-2020>
- Garcia, M. T. (2022, March 5). Climate change impacts on coastal cities. *The Global Times*. <https://globaltimes.com/climate/coastal-impact>
- Kim, S. H., Patel, R., & Wilson, J. D. (2021). Virtual reality in education: A meta-analysis. *Educational Technology Research and Development*, 69(2), 1105–1123. <https://doi.org/10.1007/s11423-020-09834-7>
- Lee, A. M. (2020). Cognitive development in early childhood. In P. Brown & L. Green (Eds.), *Child development theories* (pp. 45–67). Springer.
- Martinez, S. L. (2022, October 14). *Advances in renewable energy storage*. International Symposium on Sustainable Energy, Berlin, Germany.
- Morgan, D. S. (2021). *Machine learning applications in healthcare diagnostics* (Publication No. 12345678) [Doctoral dissertation, University of Edinburgh]. ProQuest Dissertations & Theses Global.
- Nguyen, H. P. (2018). Blockchain technology in finance. In R. Singh & A. Cohen (Eds.), *Innovations in financial technology* (pp. 122–139). Wiley Online Library.

Nguyen, L. T., O'Connell, M. A., Li, S. J., Rivera, P. M., Adams, F. R., Chen, H. Y., Bailey, T. K., Jones, A. R., Walker, C. L., & Ahmed, S. E. (2022). Cognitive flexibility and executive function in early adulthood. *Journal of Experimental Psychology: General*, 151(4), 789–805. <https://doi.org/10.1037/xge0001223>

NHS Greater London Trust. (2022). *Annual patient satisfaction survey report*. London, UK.

Patel, S. R. (2020). The rise of digital therapy. *The Psychologist*, 33(6), 48–53.

Reynolds, K. M. (2023). *How mindfulness improves productivity*. Mindful Living. <https://mindfulliving.com/how-mindfulness-improves-productivity>

Smith, J. A. (2019). *Understanding psychology* (3rd ed.). Academic Press.

Thompson, R. E. (2018). Social media effects on adolescent mental health. *Journal of Adolescent Health*, 62(4), 410–417. <https://doi.org/10.1016/j.jadohealth.2017.11.290>

U.S. Department of Education. (2017). *National education technology plan 2017* (Report No. ED-ICT-17-01). <https://tech.ed.gov/netp>

University of Oxford. (2022). *Referencing and citation guide*. <https://www.ox.ac.uk/students/academic/referencing>

Williams, J. L. (2020). *Exploring sustainable urban development* [Doctoral dissertation, University of California]. <https://escholarship.org/uc/item/7gp4v2cd>

World Health Organization. (2023). *Mental health and COVID-19*. https://www.who.int/mental_health/covid-19

Zhao, L. (2019). Enhancing user experience in mobile apps. In *Proceedings of the International Conference on Human-Computer Interaction* (pp. 102–110).

ACM Press. <https://doi.org/10.1145/3313831.3376310>

Essay Plan

Title - Discuss how our understanding of melancholia and approaches to treatment have changed over time. **(Due date 9/12/2025)**

Introduction – This essay will discuss melancholia and its long complex history. It will highlight the changing ideas about body, mind and the nature in which people suffered.

- Introduce treatment evolution
- Influences of culture/religion
- Technology advances – ancient theories to modern psychology/psychiatry.

Main body

Paragraph One –

Four humors: black and yellow bile, blood, phloem & blood

Hippocrates attributed melancholia to excess black bile

Galen theory of temperaments.

Telles-Correia and Marques (2015) posits that Galen also highlighted behavioural symptoms that accompany the symptoms of sadness and withdrawal, describing people as snail like, avoiding others to avoid having their shell crushed. (reference)

Symptoms: sadness, fear, and withdrawal.

Treatment: Diet, exercise and bloodletting (withdrawing blood to cure/prevent illness)

Paragraph two –

Religious/Spiritual

Spiritual punishment or demonic possession for moral failings as apposed to medical issue.

Treatments:

- Prayer
- Confession
- Exorcism

Paragraph Three –

Early psychiatry, melancholia seen more as a mental disorder

Asylums seen as a more 'moral' treatment.

Began to distinguish between mental disorders like mania and schizophrenia.

Paragraph Four –

Psychoanalysis & medicine (biological)

Freud's theory: Melancholia – internalised loss/ unresolved grief.

Freud's focus: Talk therapy & unconscious processes

Late 20th century – Medication : Antidepressants

'Melancholia' replaced by 'major depressive disorder' in diagnosis.

ECT

Scull (2022) posits that most psychoanalysts advised their patients against the use of ECT. However once patients were admitted to asylums there was no one

to challenge the recommendation of psychiatrists and the techniques they insisted on using.

Paragraph Five –

Biopsychological: integration of biological, psychological & social factors together.

Highlight the links between major depressive disorder and trauma etc.

New treatments: medications (SSRIs, ketamine, mood stabilisers) Talking therapies

The use of modern psychopharmacology can be traced back to the 1950s.

These discoveries altered psychiatric treatment and the lives of countless people who benefited from the dramatic changes to the field. The discovery of these medications is ranked as one of the greatest in medicine. (Perina, 2019).

(CBT, psychodynamic etc) Holistic approaches mindfulness & lifestyle changes.

Conclusion –

From a punishment from the gods to complex psychological understanding, melancholia has been shaped by cultural & scientific development.

Terminology has changed, but the ability to understand the psychological suffering continues to grow.

Scull (2022) argues that madness is stubborn and has been for millennia, it has not been able to be changed or manipulated. Yet madness is a puzzle we must solve, despite the magnitude of problems that have been encountered attempting to do so.

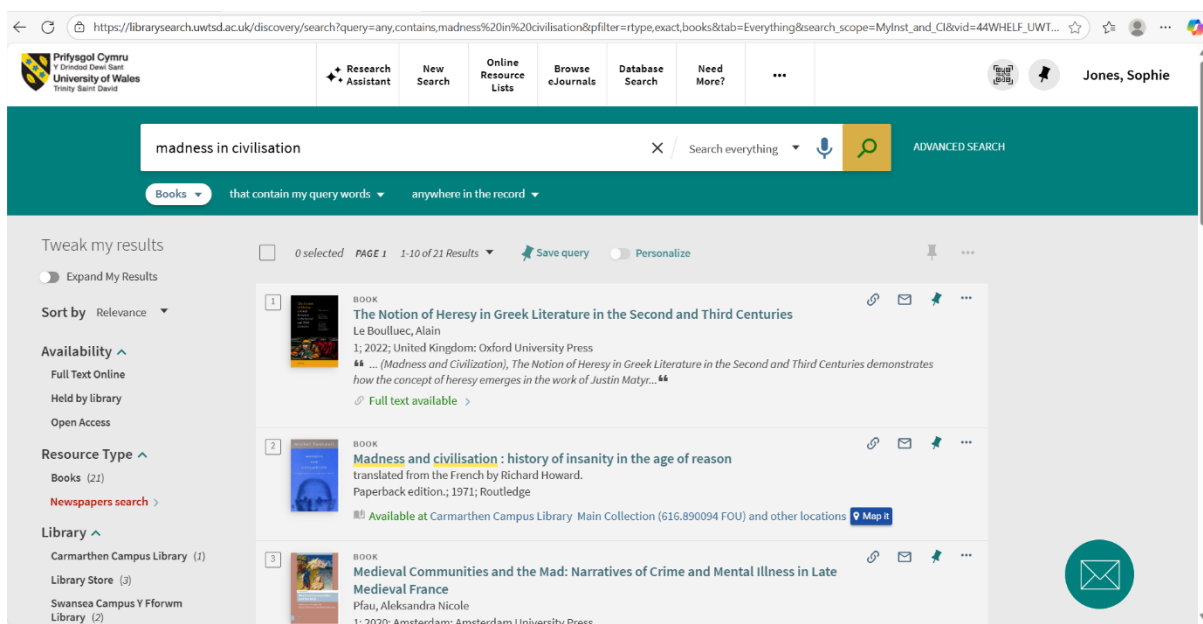
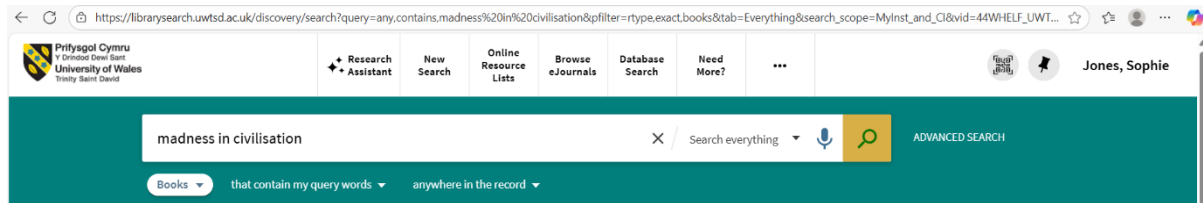
Further Research Required –

Further information on religious views of madness.

Find references to add. (Pick up reserved books in library)

Add to conclusion for a more rounded closing.

Library Search –



While looking for resources of research I firstly check how current the information is by checking the publication date, I then confirm that the content is relevant to the topic and question that is being asked. Following this I would then look at who the publisher and author is and confirm that they are or are not qualified and or recognised in the field. I would then check that any information used in an assignment was correct and supported by evidence and/or references. Finally I would investigate why the information was created and look for any hidden bias or hidden agendas.

References –

Perina,K.(2019). *The Five Most Influential Psychiatric Drugs of All Time*. [The Five Most Influential Psychiatric Drugs of All Time | Psychology Today United Kingdom](#)

Scull, A. (2022). *Desperate remedies : psychiatry and the mysteries of mental illness*. Penguin Books 2023. (Original work published 2022).

Telles-Correia, D., & Marques, J. G. (2015). Melancholia before the twentieth century: fear and sorrow or partial insanity?. *Frontiers in psychology*, 6, 81. <https://doi.org/10.3389/fpsyg.2015.00081>