



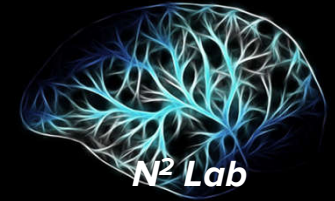
Discerning Fact from (Science) Fiction

Undergraduate Perceptions of
Neurotechnology



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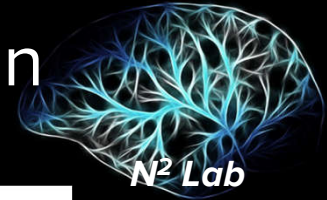


Why science fiction, neurotechnology, and neuroscience/neuroethics?

- Neurotechnology and science fiction media
- Distorted representations of science influence student perceptions of neuroscience
- Interference with student interest in engagement with neuroscience
- Deficiency in initiatives and data regarding neurotechnology misinformation

Any sufficiently advanced technology is indistinguishable from magic. -Arthur C. Clarke.

Neuroscience, Neuroethics, and Science Fiction



Neuroscience & Neurotechnology in Science Fiction

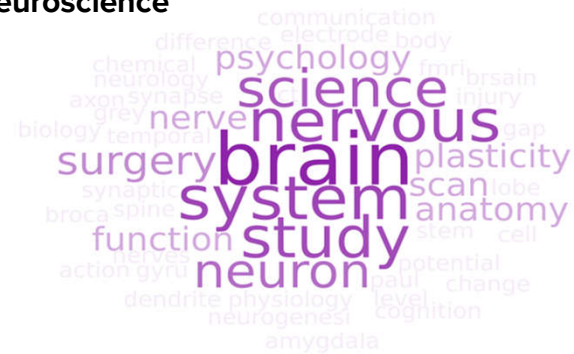


Keywords

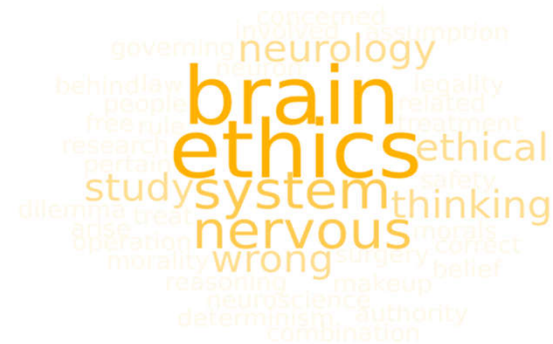
Key words mentioned together in comments will appear closer together.



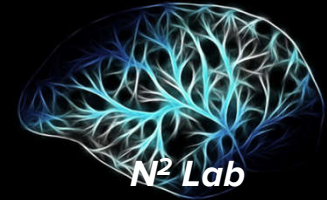
Neuroscience



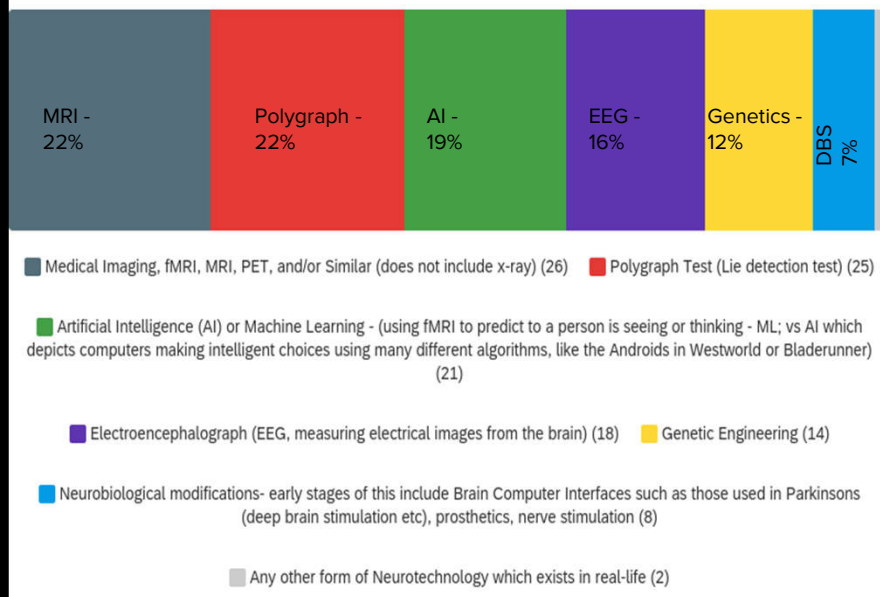
Neuroethics



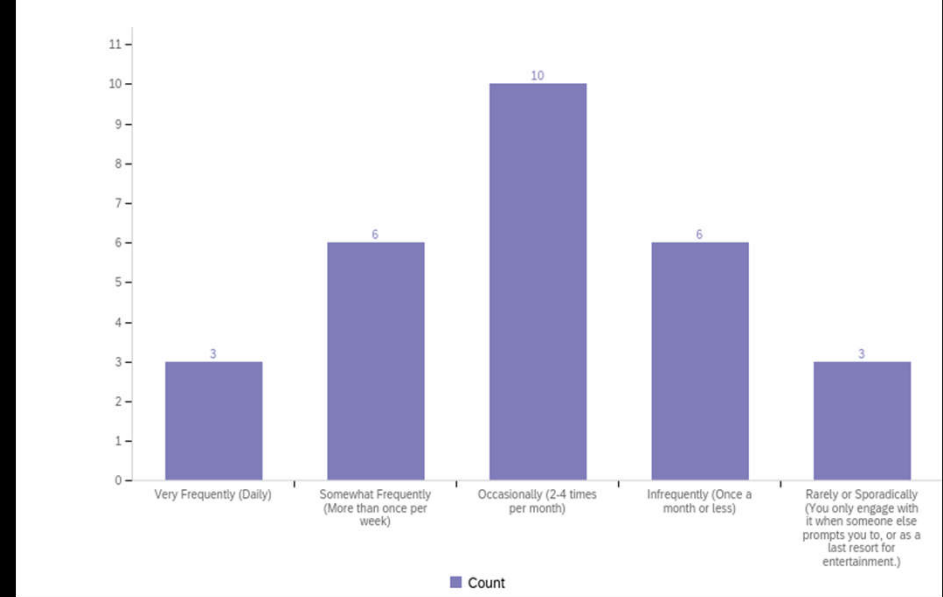
Exposure to Neurotechnology

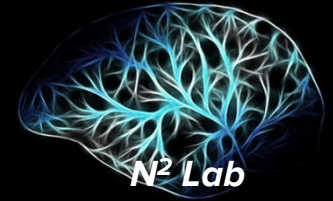


Q5.11 - Which of these common technologies have you been exposed to (in media, in a...



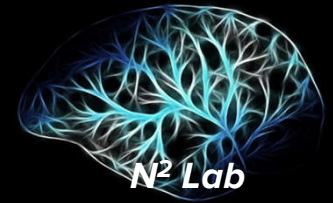
Q5.9 - In general, how frequently would you say that you actively consume Science...





Implications for Future Research

- Identify common misrepresentations of neurotechnology in science fiction media.
- Design educational content to address misconceptions in neurotechnology, increase educator engagement, and increase interest in the neurosciences.
- Develop outreach programs to display the functionality of neurotechnology including EEG using relevant, science fiction examples.



- Thank you to all the members of the Neurofutures and Neurolaw lab.
- Minnesota State University Mankato
- Psychology Department