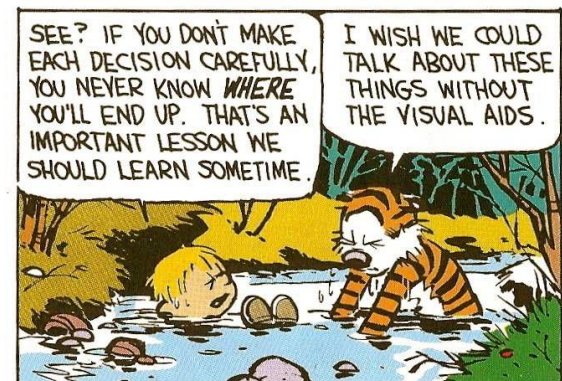
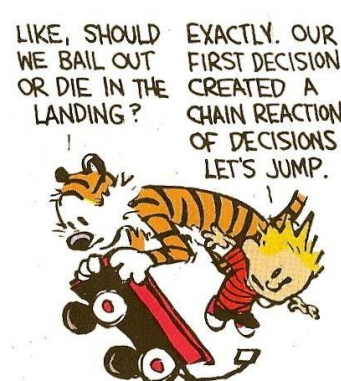
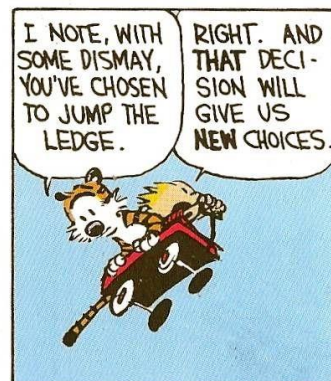
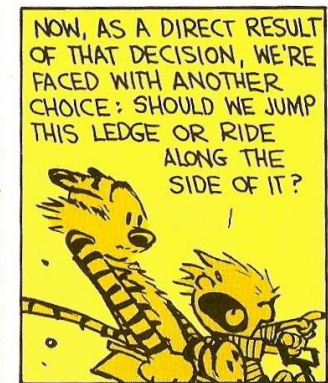
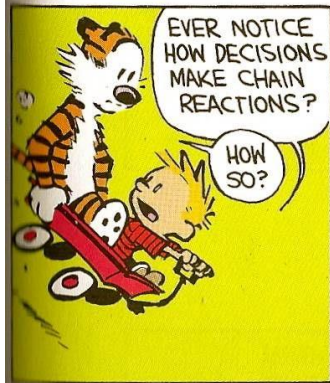
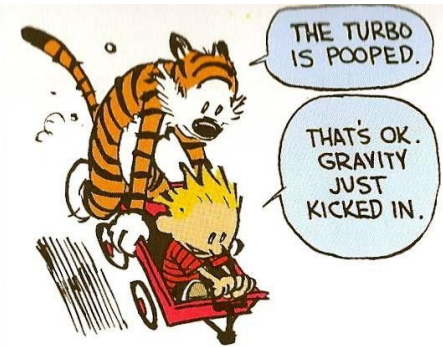
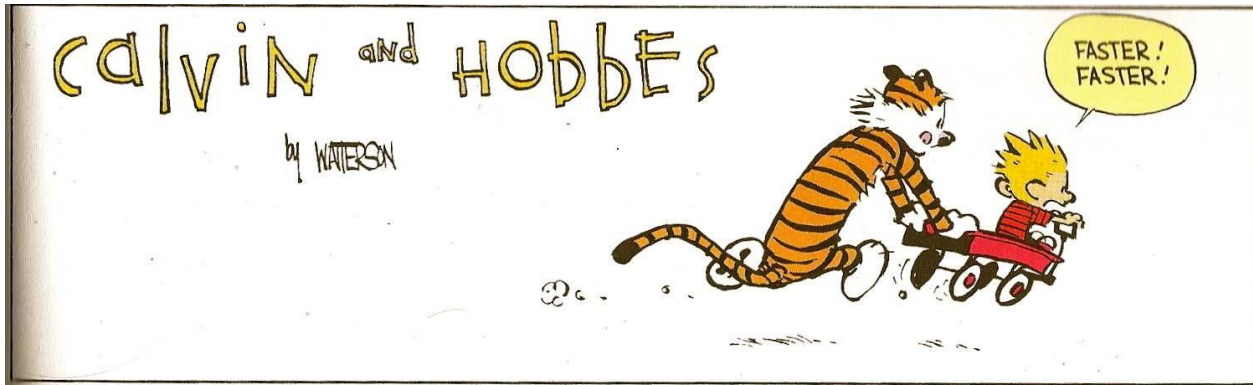


# Ethics in Scholarly Work



# WHY ethics (have to be!) on top of agenda today?

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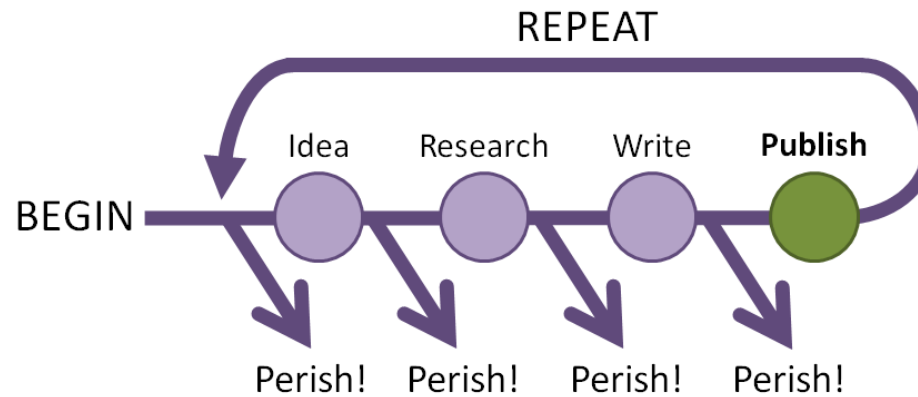
# Ethical issues in scholarly work (not exhaustive)

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- **Concerns about the principle of harm**
- **Concerns about proper data collection and usage**
- **Concerns about fabrication of data**
- **Concerns about falsification / validation of results**
- **Concerns about sources of financial support as a biasing factor**
- **Concerns about plagiarism**
- **Concerns about self-plagiarism / duplicate submissions**
- **Concerns about authorship of submission**
- ...



## ***“Publish or Perish!” – A Call to Action***



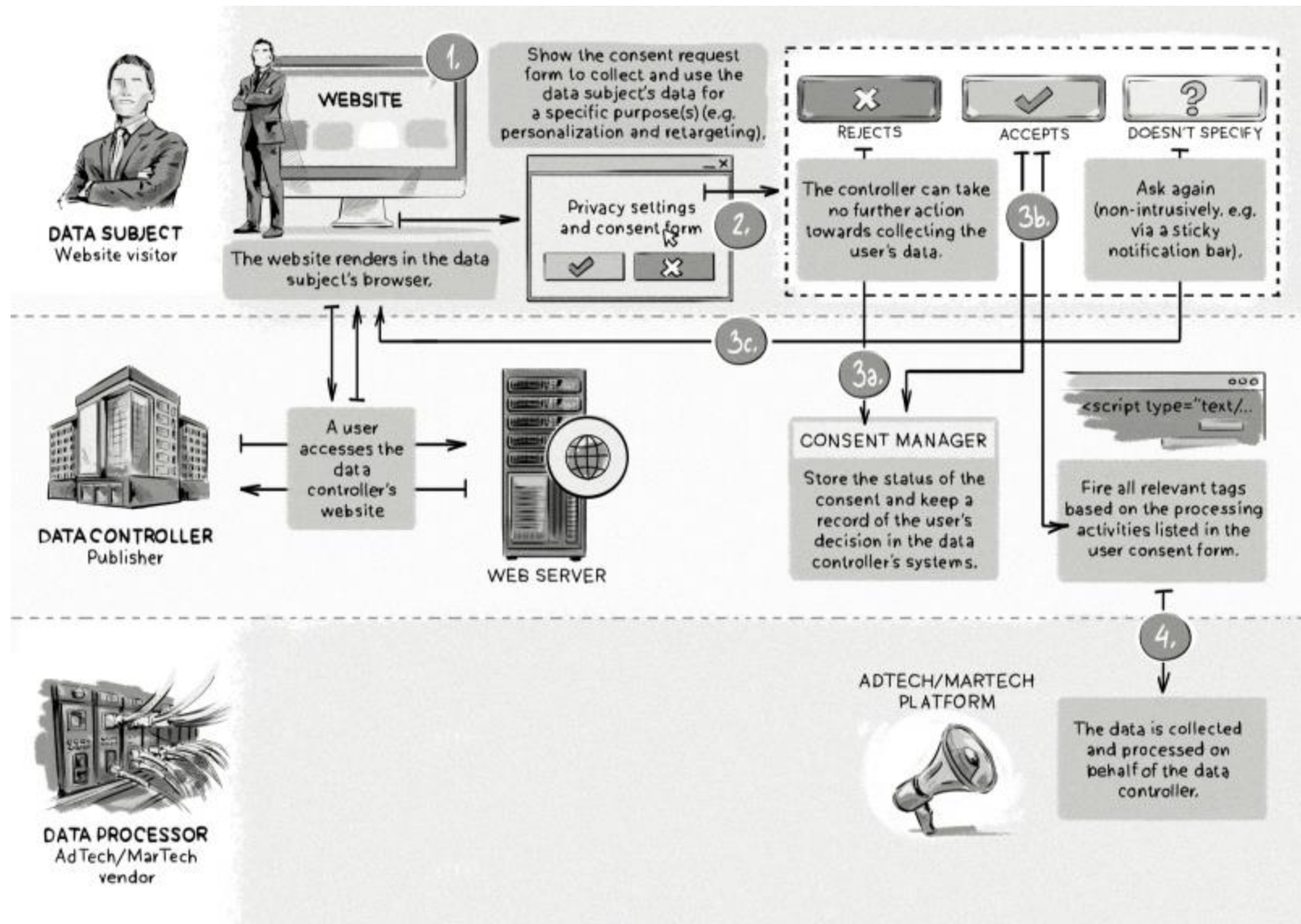
"You are completely free to carry out whatever research you want, so long as you come to these conclusions."

# Concerns about the principle of harm



'WE'D LIKE YOU TO DEVELOP A TRUTH DRUG.  
ONE THAT MAKES OTHER PEOPLE THINK  
THAT WE'RE TELLING THE TRUTH.'

# Concerns about data collection and usage



# Concerns about fabrication of data

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# Concerns about falsification / validation of results

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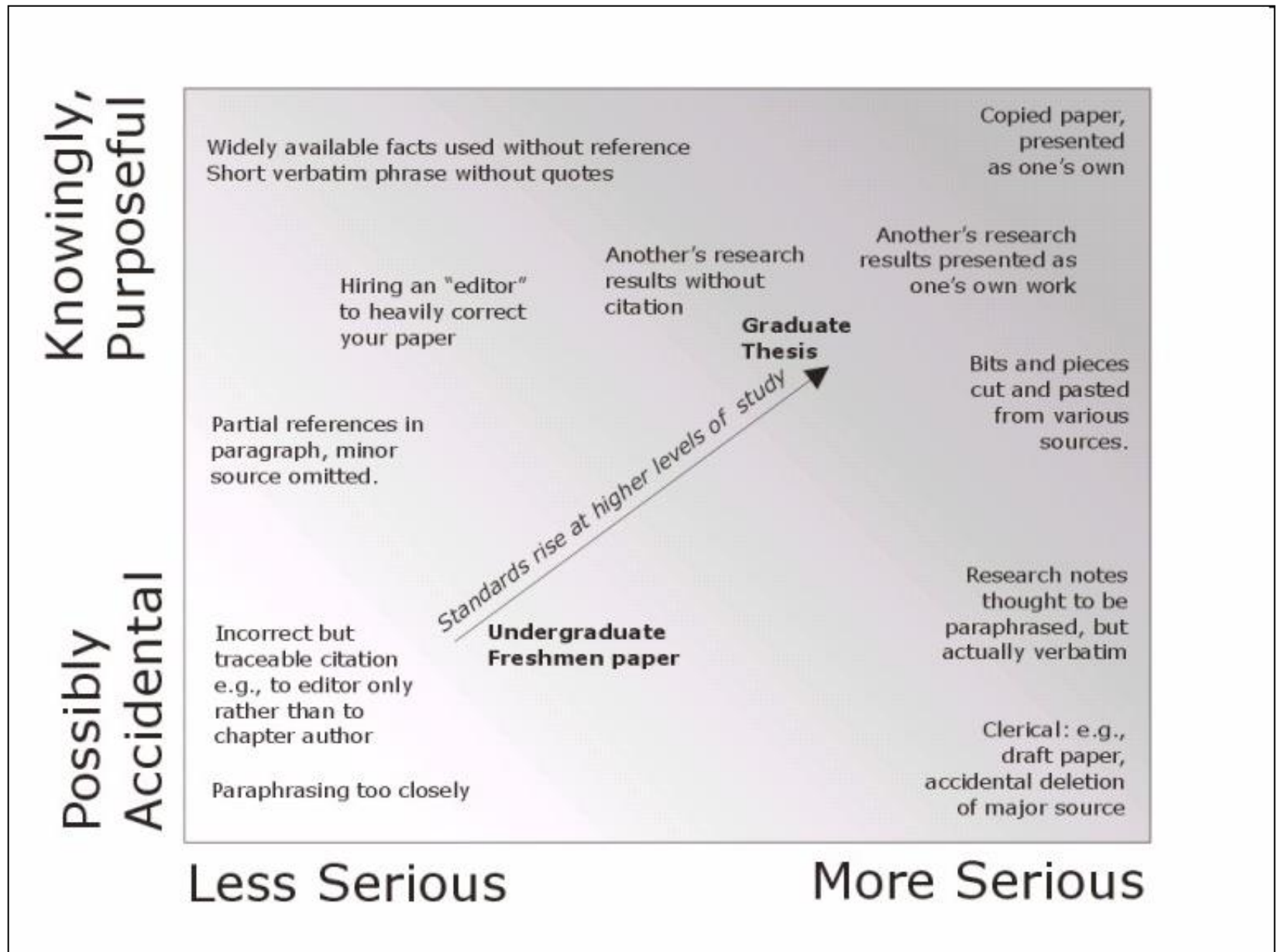
# Concerns about sources of financial support as a biasing factor 9/13

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# Concerns about plagiarism

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# Concerns about self-plagiarism / duplicate submissions

11/13



# Concerns about the authorship of submission

## THE AUTHOR LIST: GIVING CREDIT WHERE CREDIT IS DUE

**The first author**  
Senior grad student on the project. Made the figures.

**The third author**  
First year student who actually did the experiments, performed the analysis and wrote the whole paper. Thinks being third author is "fair".

**The second-to-last author**  
Ambitious assistant professor or post-doc who instigated the paper.

Michaels, C., Lee, E. F., Sap, P. S., Nichols, S. T., Oliveira, L., Smith, B. S.

**The second author**  
Grad student in the lab that has nothing to do with this project, but was included because he/she hung around the group meetings (usually for the food).

**The middle authors**  
Author names nobody really reads. Reserved for undergrads and technical staff.

**The last author**  
The head honcho. Hasn't even read the paper but, hey, he got the funding, and his famous name will get the paper accepted.



# End of part 10

## *Ethics in Scholarly Work*



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