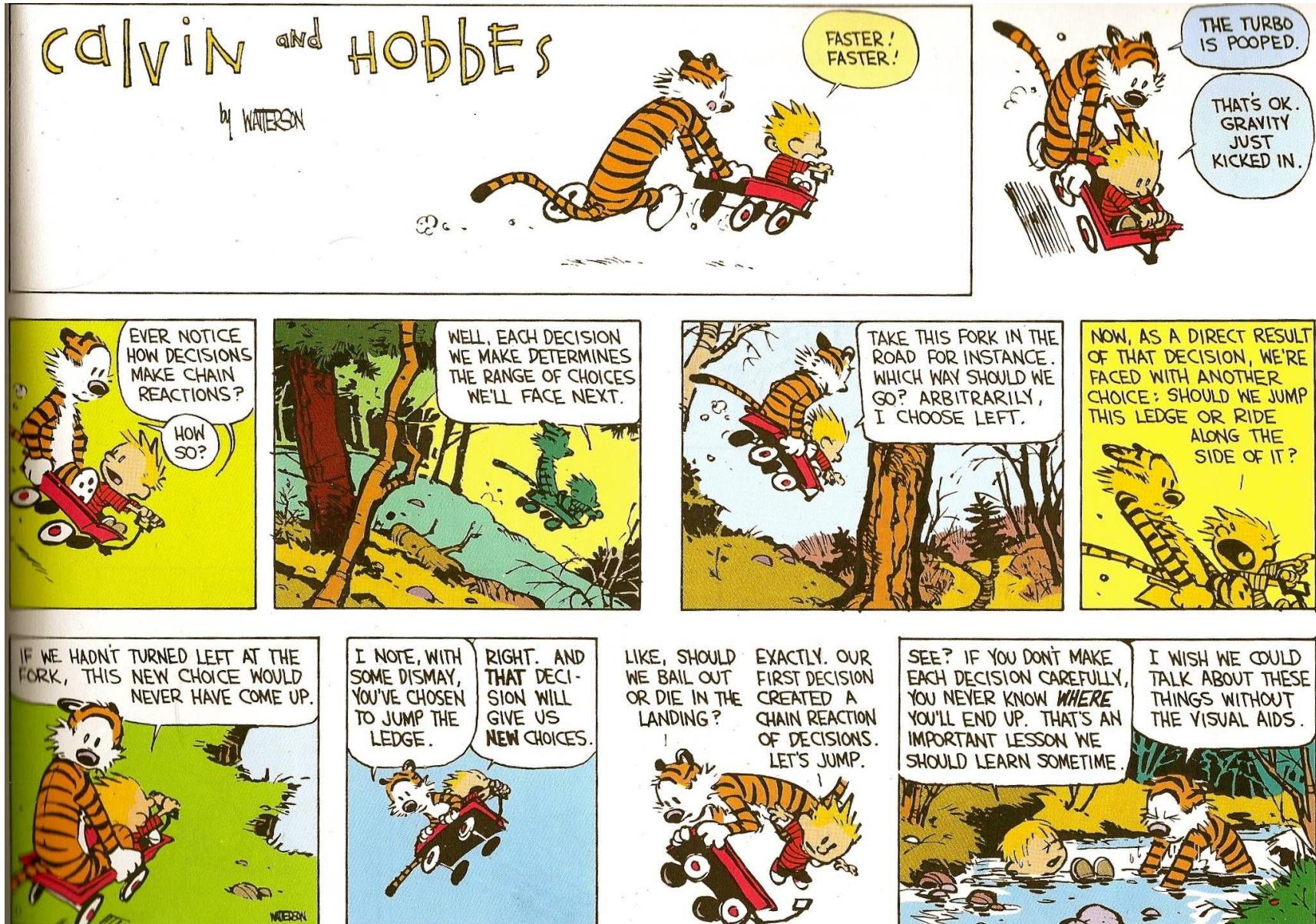


# Ethics in Scholarly Work



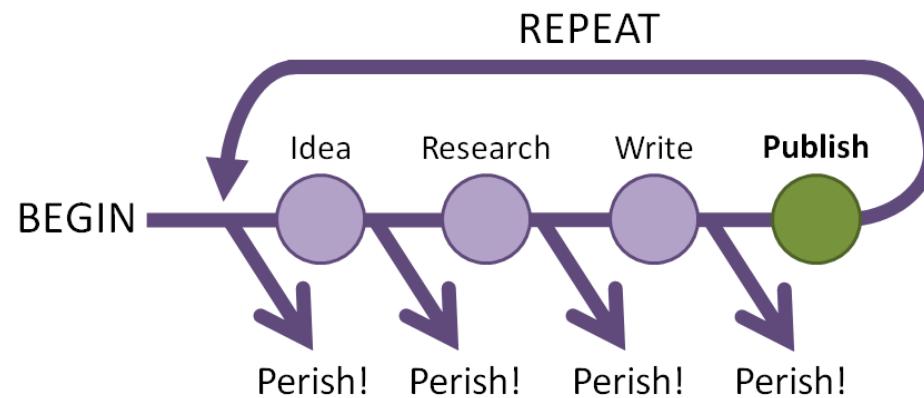
# WHY ethics (have to be!) on top of agenda today?



# Ethical issues in scholarly work (not exhaustive)

- **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***



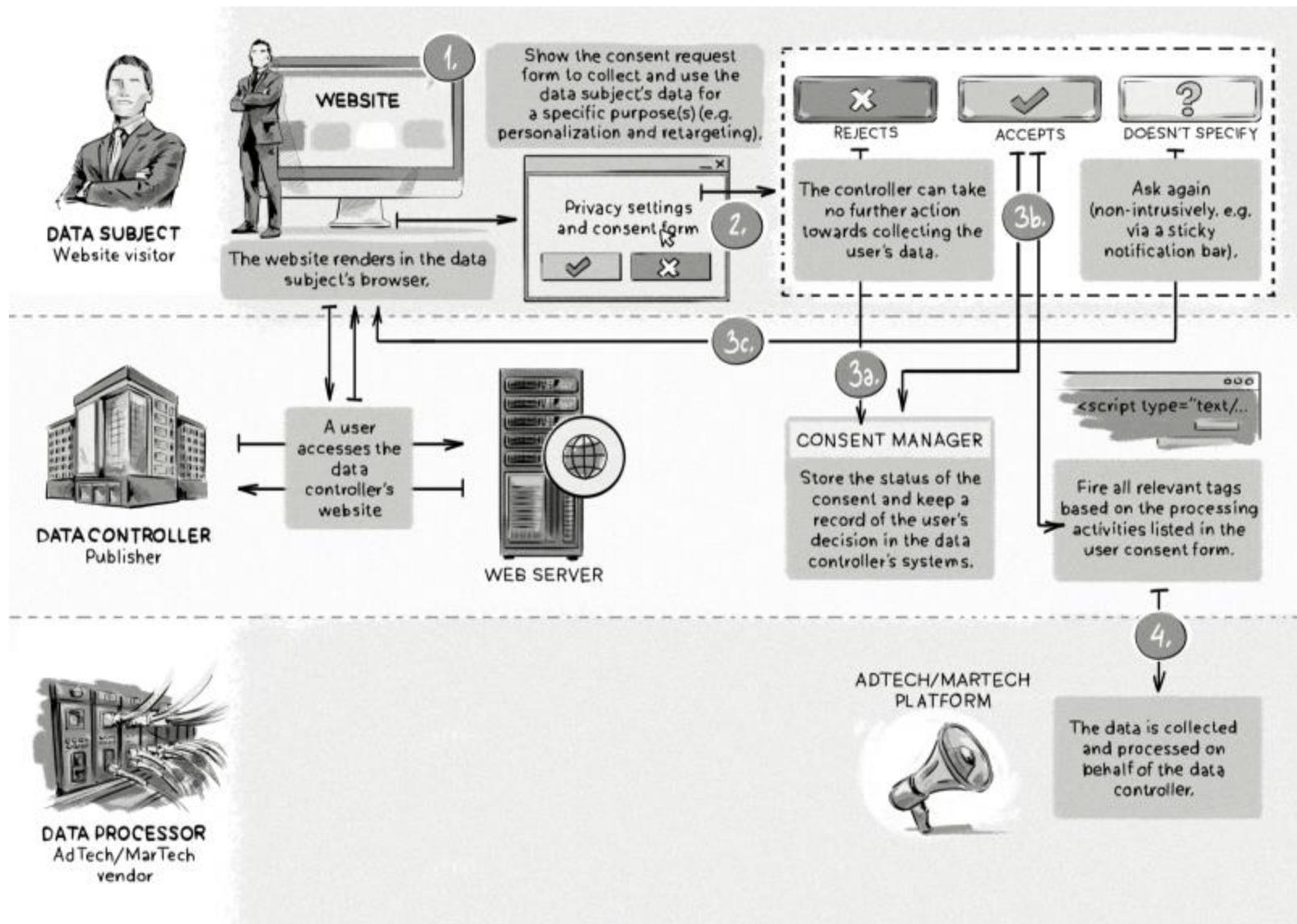
"You are completely free to carry out whatever research you want, so long as you come to these conclusions."

## Concerns about the principle of harm

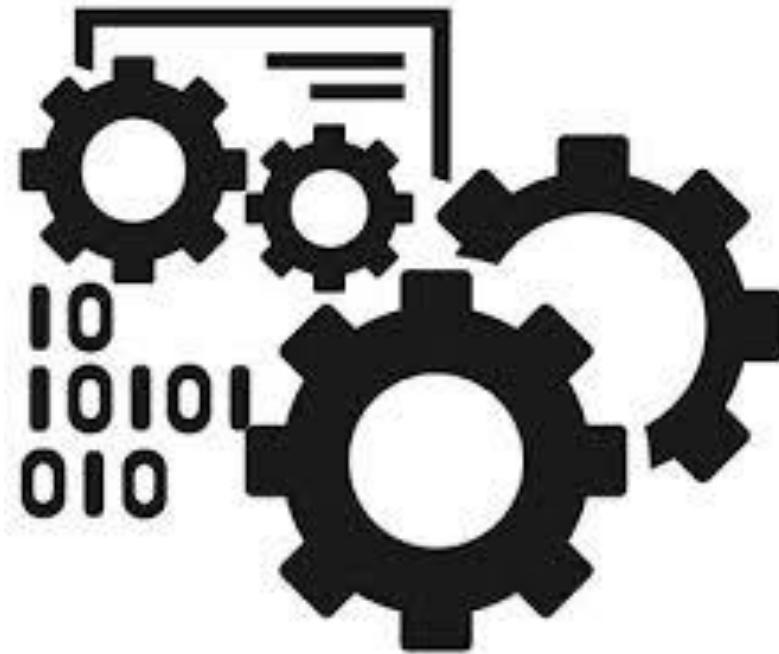


'WE'D LIKE YOU TO DEVELOP A TRUTH DRUG.  
ONE THAT MAKES OTHER PEOPLE THINK  
THAT WE'RE TELLING THE TRUTH.'

# Concerns about data collection and usage



## Concerns about fabrication of data



## Concerns about falsification / validation of results



# Concerns about sources of financial support as a biasing factor

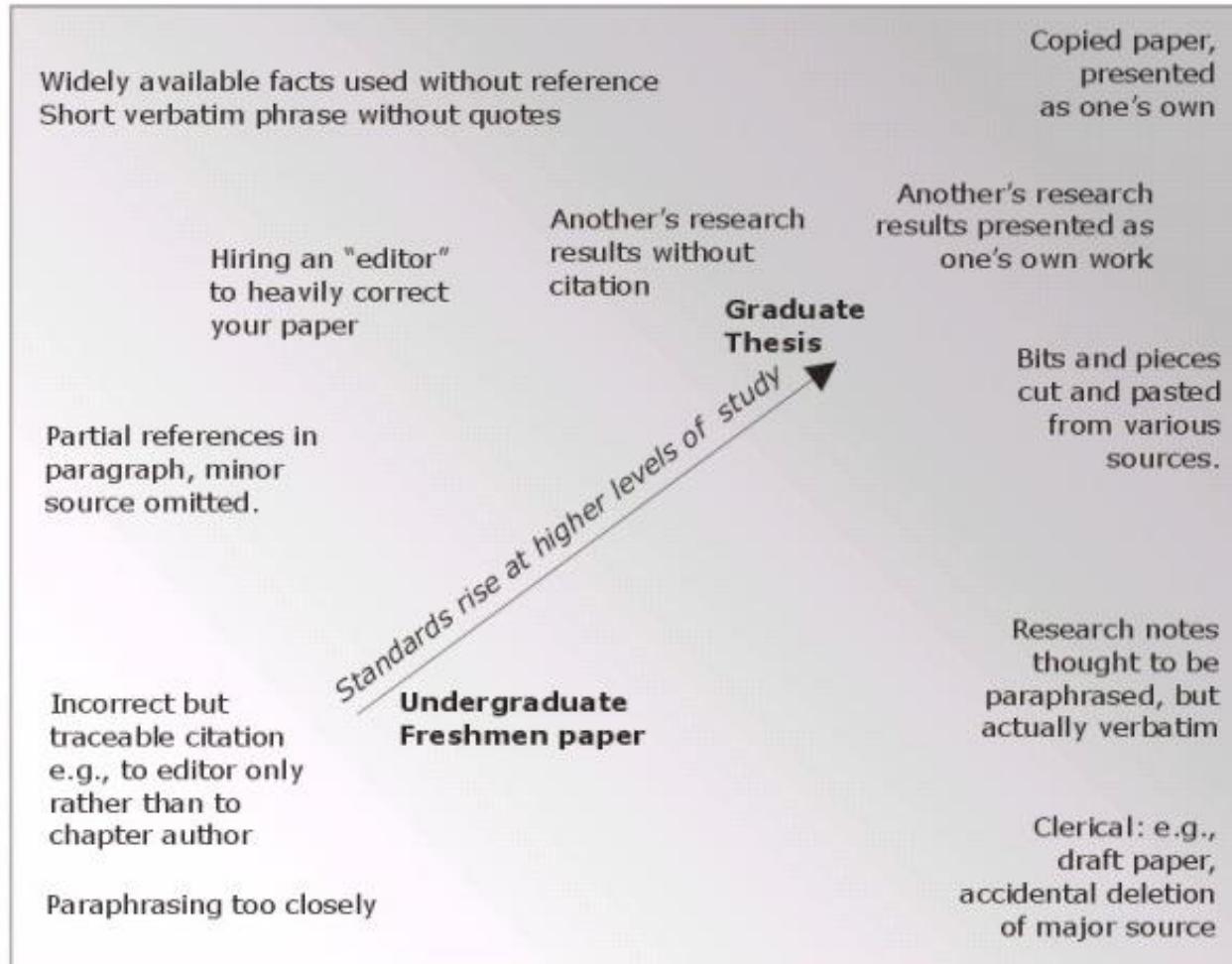
9/13

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# Concerns about plagiarism

Knowingly,  
Purposeful  
  
Possibly  
Accidental



Less Serious

More Serious

# Concerns about self-plagiarism / duplicate submissions



# 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 pro-  
fessor 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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