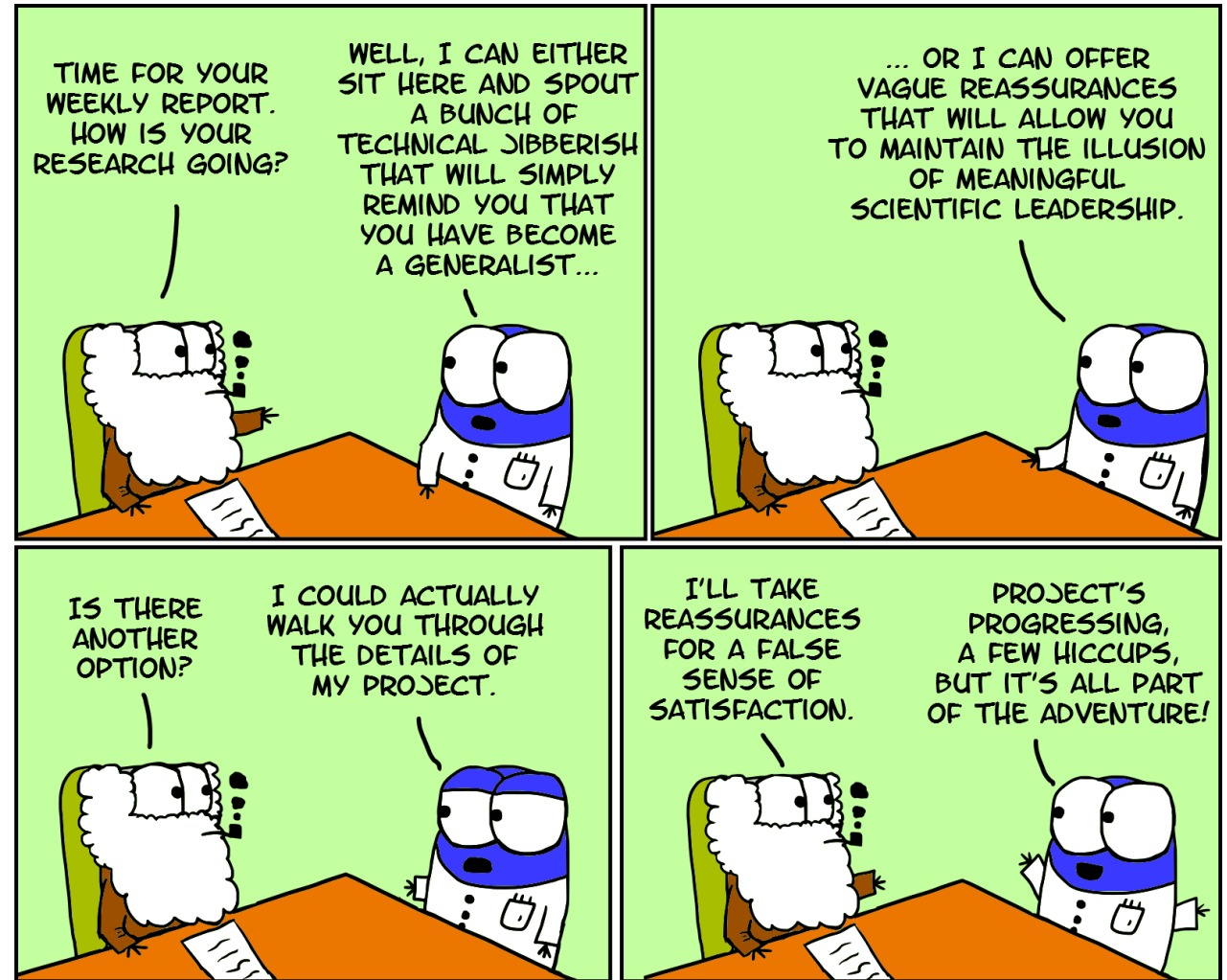


M3D3: Participate in Research Proposal peer reviews

- Shortest prelab ever!
- Peer review
- Discuss feedback with partner and work on societal/ethical implications section

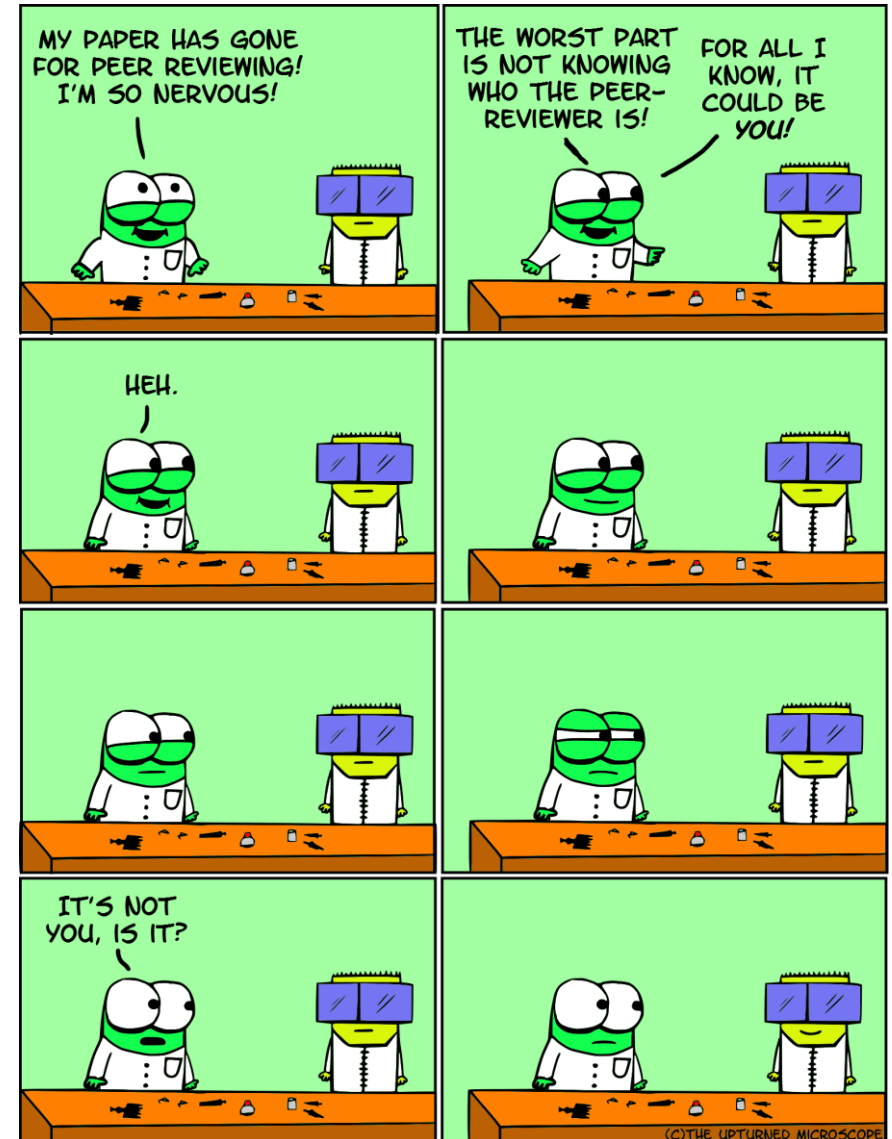


Misc. Tips

- 1) Appreciate the scope of what you have done
- 2) Finding flaws in your work is OK and to be expected – spend a *bit* of time talking about them!
- 3) Know your readout for your methods
- 4) Cite figures either on a citation slide or on the slide you use it
- 5) Highly recommend making your own schematics – ones that you find online are often too busy

Discuss Research Proposal with a peer

- Refer to handout and guidance on wiki
- Ask questions! Help your peers explain their ideas and plans to implement those ideas
- Each proposal should be discussed for 10-15 minutes
- Look at the color of the lab bench where you will meet your peer for discussion



Societal and ethical impact of your project

We need to explore the possibility of a new ideal of impure science, in which scientists and engineers both educate and learn from others about the relation between science and society. Frodeman & Holbrook

- What populations/groups will benefit from your work?
 - Is there a potential for harm?
 - Is there a potential for population bias in your study– how will you mitigate it?
 - How will you select your sample pool?
- Are you producing potentially dangerous or harmful materials?
 - How will you handle these materials and secure them?
- Are you working with humans, human tissue, or animals?
 - How will you keep human data private?
 - How will you ensure humane treatment of all subjects?

For next time...

- Research proposals feel look like Journal Club in format
- Turn in one powerpoint file for your group by noon on Friday
- I will choose the order so don't worry about turning anything in early
- You will receive your final round of participation points for asking questions of your peers