



Useful Things I've Learned About Success at PNNL

Casey Burleyson



PNNL is operated by Battelle for the U.S. Department of Energy

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Purpose

The purpose of this talk is to get you to think critically about your career at PNNL.

1. What is your value-added proposition?
2. How do *you* define success?
3. Where do you want to go and what skills do you need to get there?





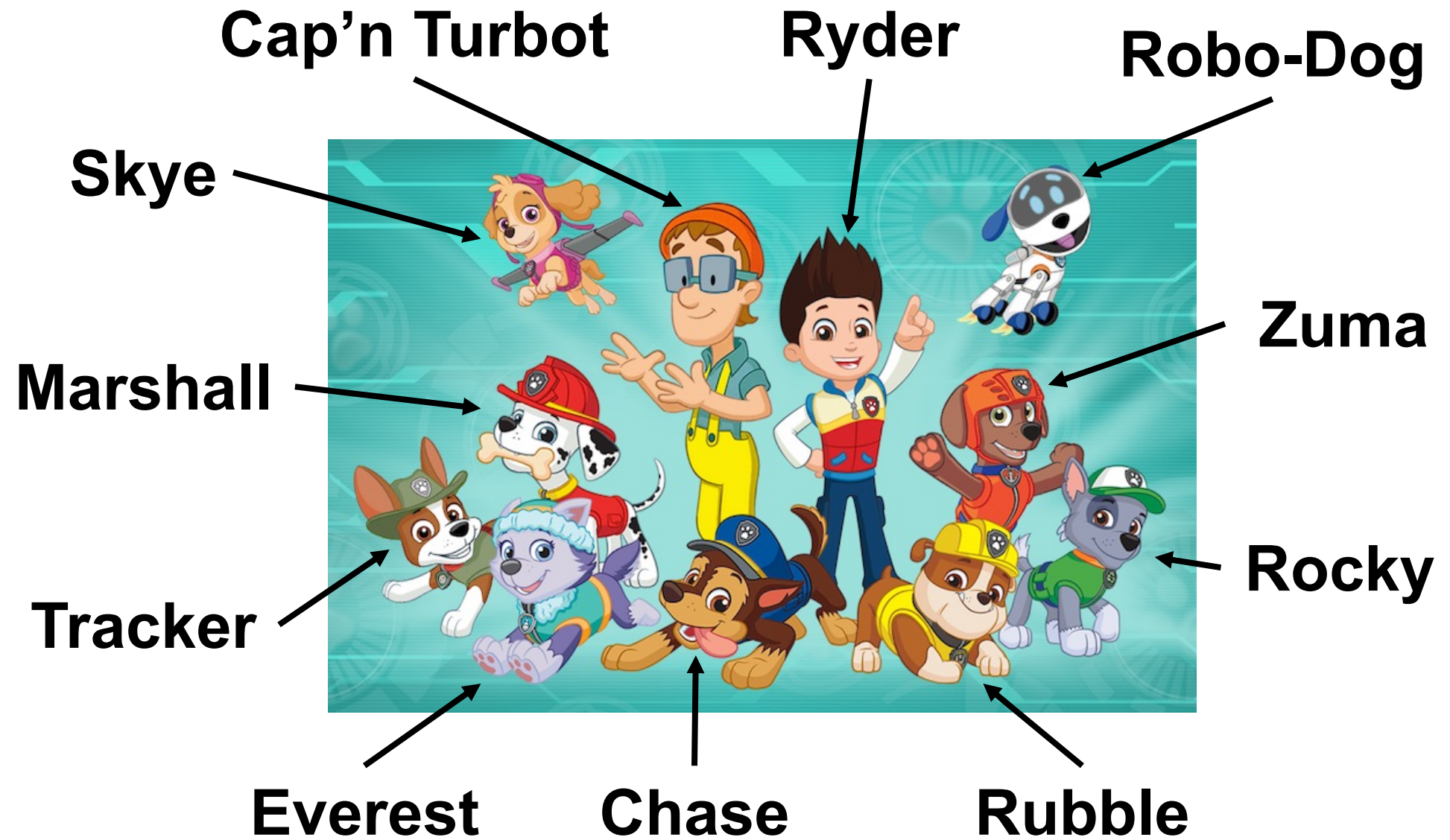
Paw Patrol is on a Roll!

Casey and Grant Burleyson



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Paw Patrol 101

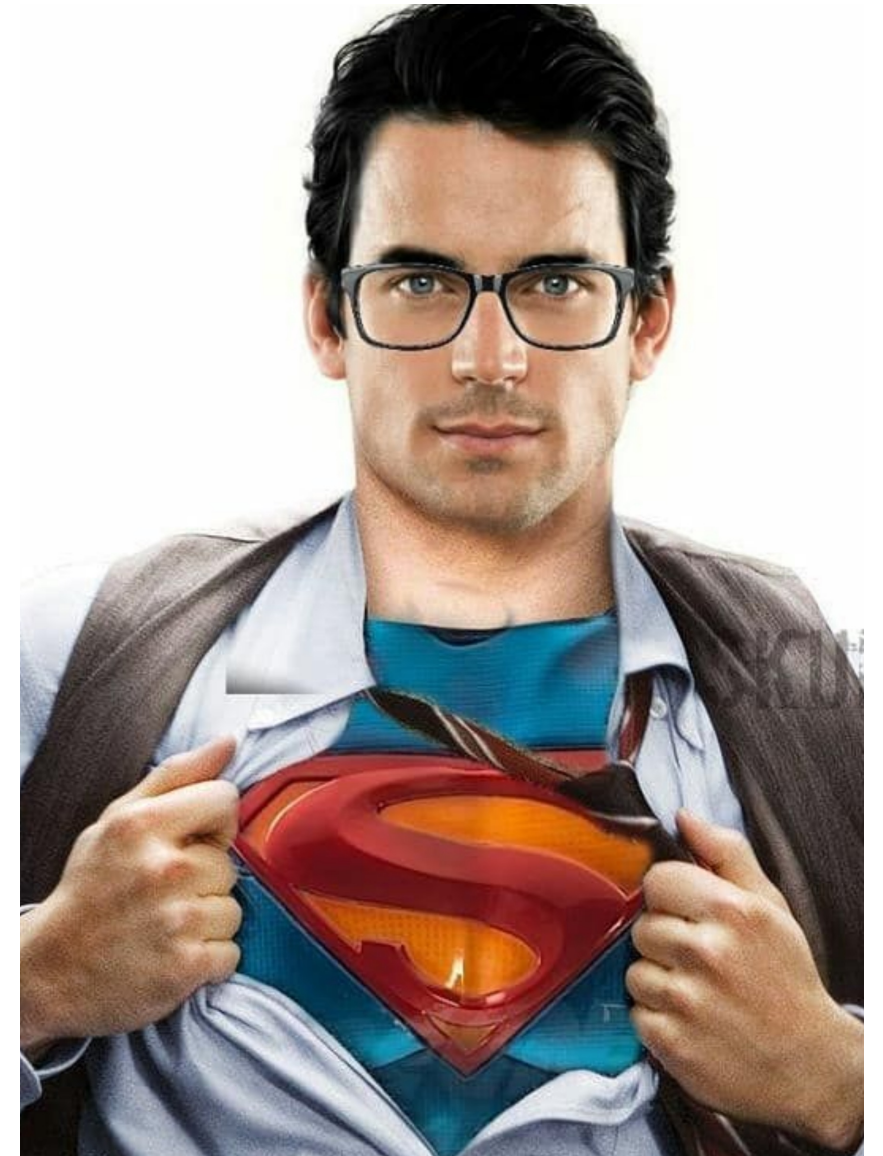


What is your value-added proposition?

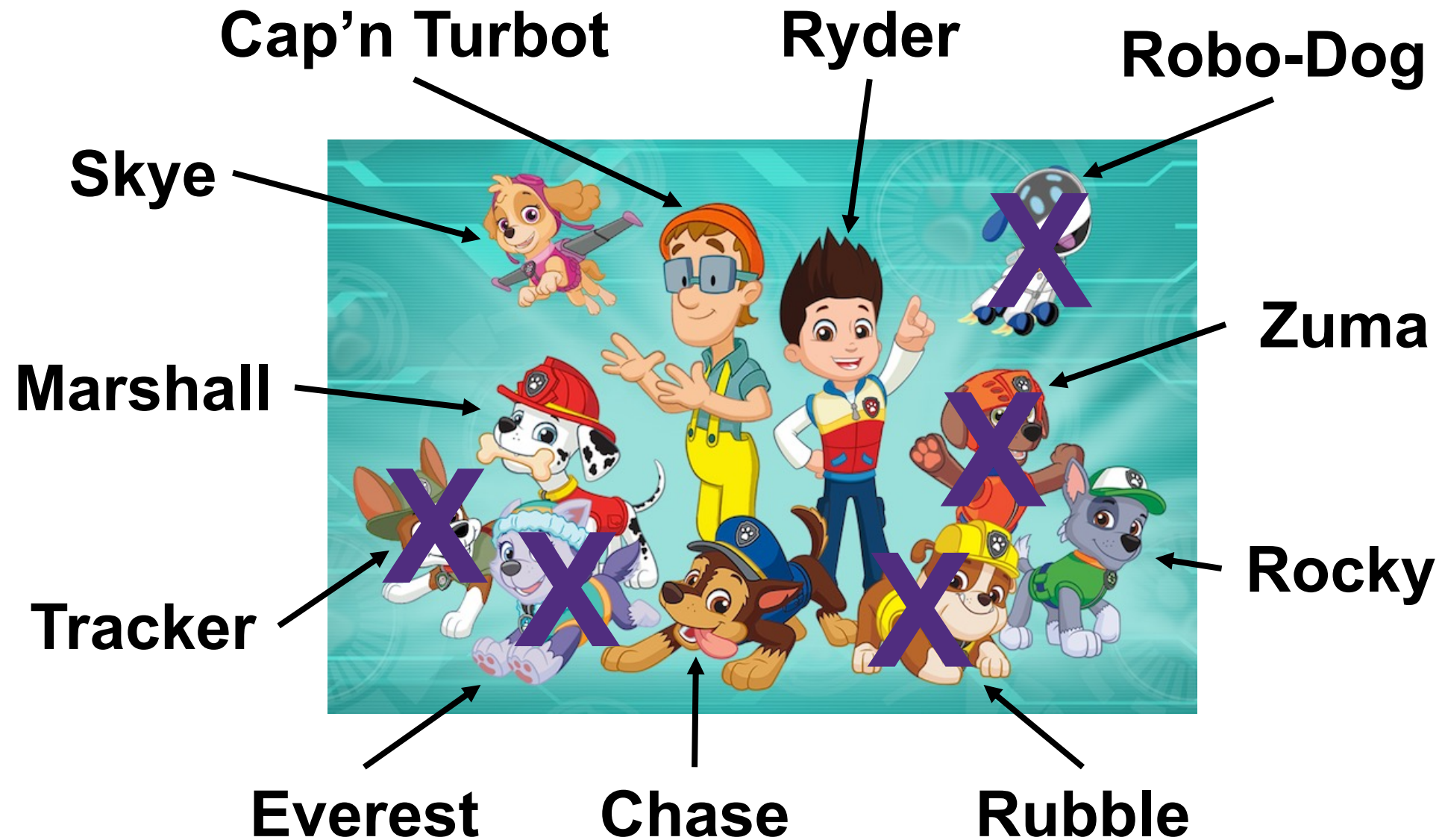


What is your value-added proposition?

- Need
- Approach
- Benefit
- Competition



What is your value-added proposition?



How do *you* define success?



How do *you* define success?

My definition:

- Do cool science with cool people
- Work on important problems
- Work on problems that force me to learn new things
- Work in a collegial environment
- Have a good work life balance

INTRINSIC motivation



Interest and enjoyment in the task itself

EXTRINSIC motivation



Outcome that will result by doing the task

Where do you want to go and what skills do you need to get there?



Where do you want to go and what skills do you need to get there?

“There are known knowns; there are things we know we know. We also know there are known unknowns; that is to say we know there are some things we do not know. But there are also unknown unknowns – the ones we don’t know we don’t know.” Donald Rumsfeld



Where do you want to go and what skills do you need to get there?

“I would recommend that Casey continue to build an appreciation for modeling and better understanding of the important issues or processes that are not well understood.”

“I would encourage you to seek out external collaborations as well to further enhance your impact.”

“I would encourage you to think strategically and figure out the areas you really want to emphasize and be known for.”

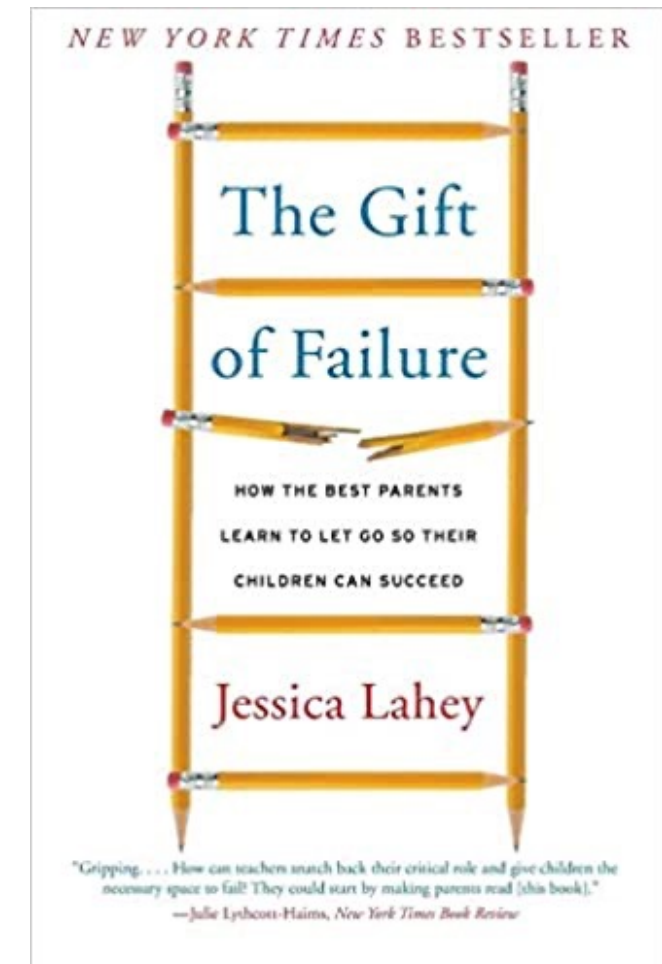
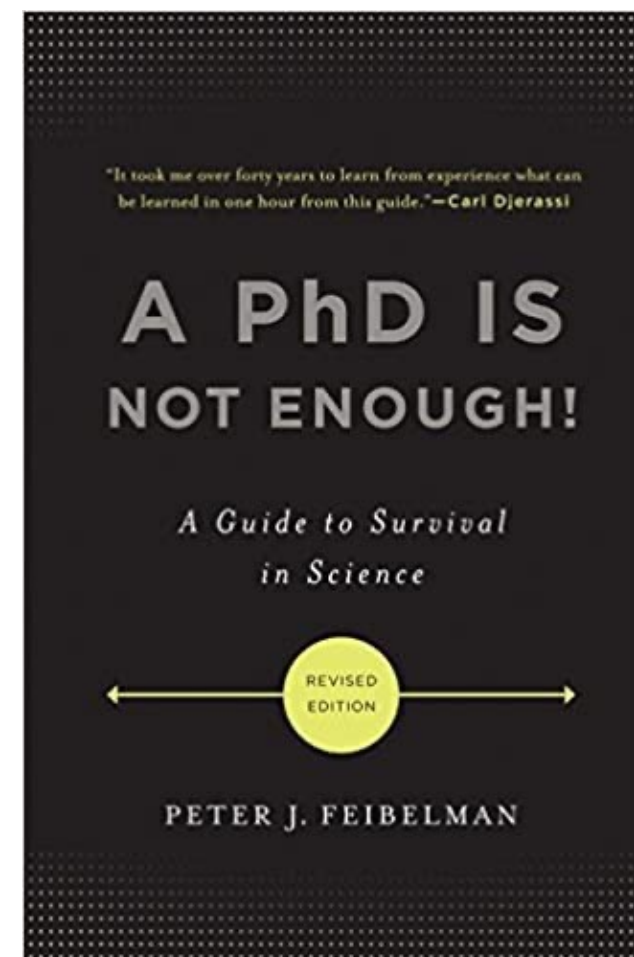
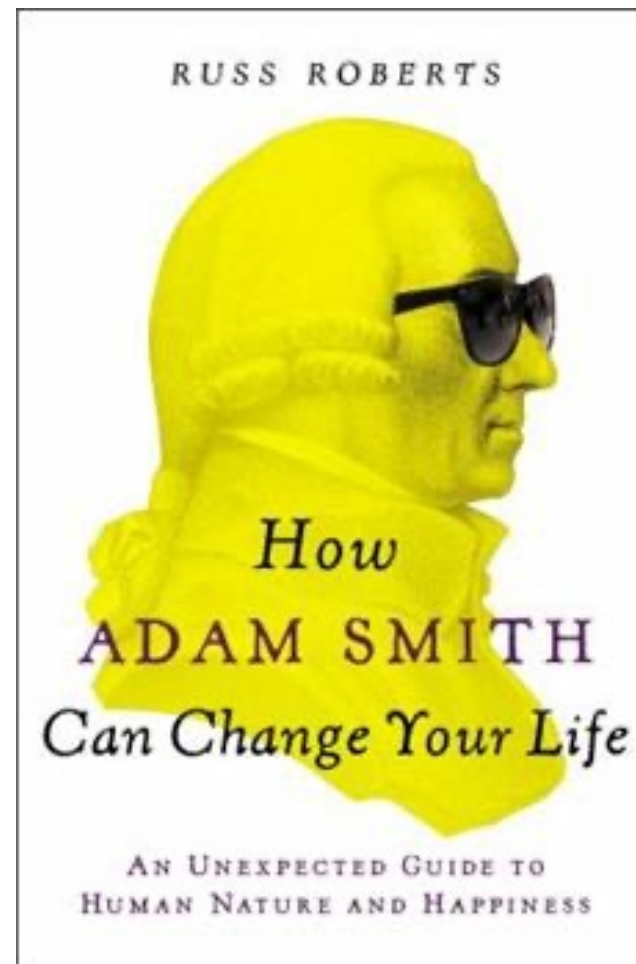
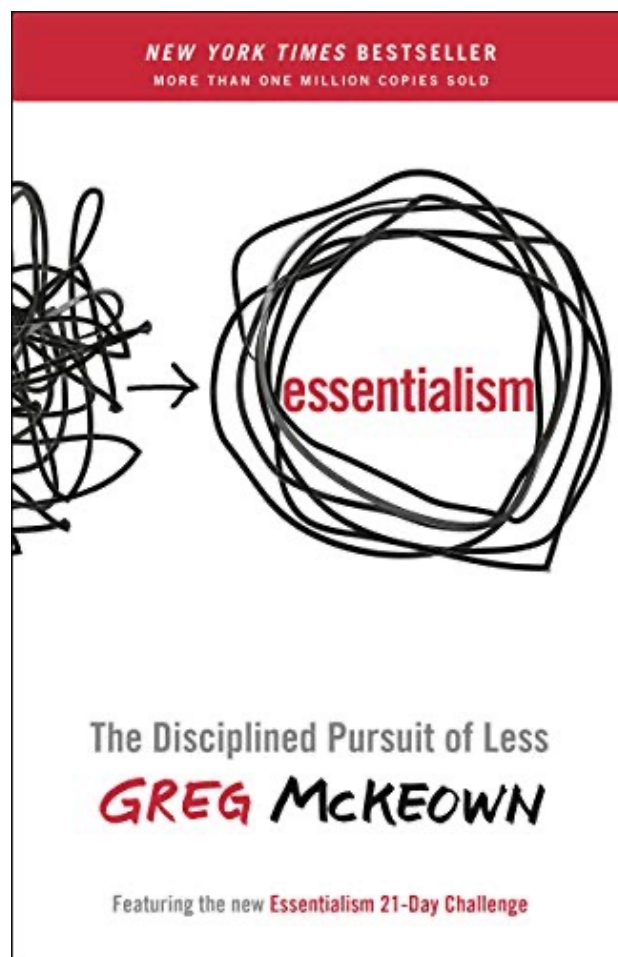
“I encourage you to continue to identify areas where additional support can free up your time to make contributions to projects and papers, particularly first-author and high-impact papers.”

“For you personally, this likely also implies the potential risk of being stretched too thin, and underlines the need to strike a good balance between managing projects and advancing your own research.”

“As a final piece of forward-looking advice, I encourage you to continue building your CV with high-impact publications even as you continue taking on additional responsibilities.”

Random Thoughts

- Take ownership of your career.
- Don't like something? What are you doing to make it better?
- Think of your career as a long-term investment.



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