

# TEACHING RESEARCH

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# WHY DO WE NEED RESEARCH AS EDUCATORS?

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# TRADITIONAL ASSESSMENTS

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- Boyer's Model of Academic Scholarship (c.1990) introduced by Ernest Boyer.
- Here application is important to the fact that your advancements in academia are shared with peers and fellow institutions to advance the body literature as a whole.

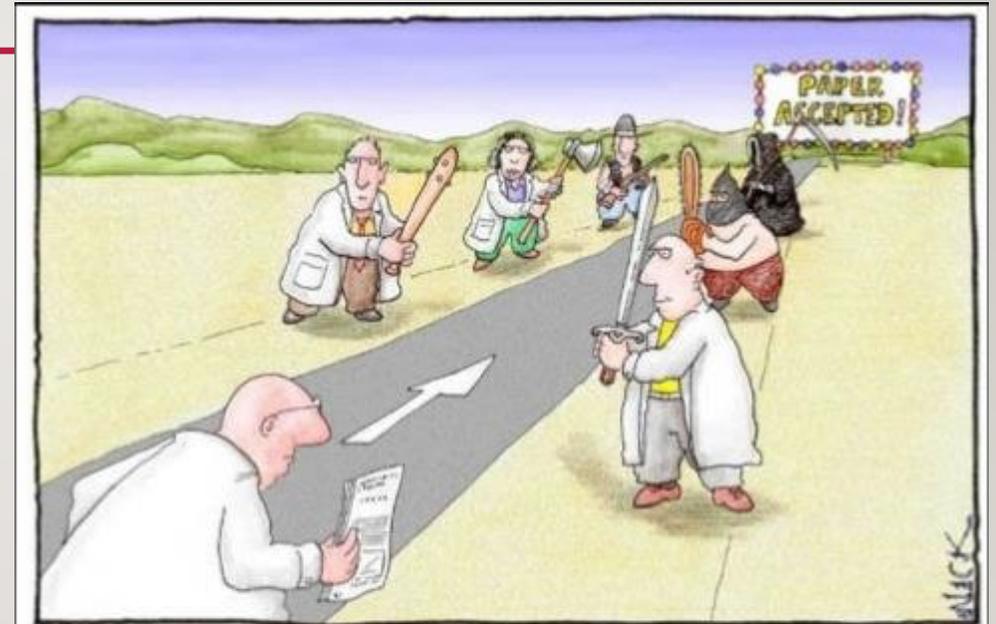


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# Research is a peer review process of our academic work and passion.

- If we work in silence and without showing our work:
  - It does not achieve true benefit in helping others on similar academic pathways.
  - We lose review by colleagues.
  - The “Whole” of academia is not advanced.
  - Peer review process is lost, and the research is somehow less in status and integrity.
  - We as researchers lose these “moments of pause” to refocus, readjust, re-invision, or just to take inventory of our work again.



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

# *SOME VARIABLES ARE SIMILAR*

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- Scientific approach
- Methodology, regardless of type, requires rigorous commitment.
- Ethics
- Statistical review
- Conclusive review that is analytic, nonbiased and logical.
- Future works---This offers juniors a path to follow...Leaving a legacy for the next generation of academics.

# WHY IS RESEARCH SO HARD FOR SOME

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- The researcher is required to know a substantial amount of information before beginning:
  - Content expert in the area of research (Education, Nephrology, molecular biology)
  - Thorough knowledge of relevant methodologic types appropriate for the research question
  - Statistical understanding of data and implications of testing
  - Ethics
  - Writing ability
  - Innovative design and trajectory to make a substantive academic impact in their community!!!!

# NOBODY DOES IT ALONE

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Collaboration is a key part that can be frequently missed...



# THE HARDER QUESTION

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- Research is not often what is needed, instead the building blocks are required:
  - Mentorship with senior colleagues
  - Opportunity to get involved at their level of comfort
  - Degrees to learn methodology and statistical analysis
  - Community of researchers on similar projects

**STANDING ON THE SHOULDERS OF OTHERS WHO HAVE DONE IT BEFORE!**

JUST LIKE IN A  
PETRI DISK...

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THE  
ENVIRONMENT  
DETERMINES THE  
GROWTH



**REQUIRES SIGNIFICANT FACULTY TIME AND  
COMMITMENT TO ESTABLISH EXPECTATIONS FOR  
RESEARCH...**

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**TO PROVIDE THE PROPER SUPPORT OF THE  
BUILDING BLOCKS OF GREAT RESEARCH  
COMMUNITIES, FOCUSED ON LONG TERM  
ACHIEVEMENT NOT SHORT-TERM GAINS**



# THANK YOU

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