



# THE HEALTHCARE TRIAGE PODCAST

SPECIAL SERIES: SCIENCE CULTURE & REPRODUCIBILITY

## Episode Three

### Description

This podcast series focuses on the relationship between science culture and reproducibility. The way that science is funded has changed a lot over time. What are those changes and how have they affected the way we practice science?

### Materials needed

- A device capable of playing podcasts
- Internet connection for downloading or streaming audio
- Access to sources listed within lesson guide
- Make sure students know how to download/listen to podcasts:
  - <https://www.wired.com/story/podcasts-beginners-guide/>
- [Episode 3](#)

### Learning goals

- Understand how research funding has changed over time and how that has affected scientific practices in the academy
- Discuss our current funding allocation system and understand how that affects novelty, and how this relates to factors of reproducibility

# Suggested topics of discussion and related literature

1) How has funding changed across time and how has this affected the academic landscape?

- The Endless Frontier: Reaping What Bush Sowed?

2) Mechanisms for distributing funds and the relationship between funding allocation and risk-taking/novelty in science (in relation to the dreaded possibility of null results).

- The Economics of Science - Funding for Research
- Does It Pay to Do Novel Science? The Selectivity Patterns in Science Funding.
- Conform and Be Funded
- Goodbye, Columbus

## Other general points of discussion:

1) How have your own experiences resonated with what our experts had to say in episode three?

2) Do you think there's a problem with the way we distribute funds? What has your experience been with research funding and with undertaking novel scientific experiments?