

# How to write bad proposals

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*"Spare a dollar for some lab consumables, buddy?"*

# Tips for writing bad proposals

- I need money and here is an opportunity, let's write a proposal in a couple of weeks
- My proposal may not be the best one, but it is definitely the cheapest one!
- I have a crap proposal but I'm going to convince (scare) the review panel with "big shot" Co-I/Collaborators.
- I am going to submit 7 PI/Co-I proposals to the same call and win big!
- The review panel last time is full of my enemy, I will recycle the proposal... feeling lucky this time.

# Some tips for early academic career

# Funding opportunity for early career

- NSF CAREER
  - 5 years grant
  - Hold a doctoral degree by proposal deadline
  - Be untenured and employed in a tenure-track (or tenure-track-equivalent) assistant professor position at an eligible institution as of October 1st following deadline
  - Have both research and **educational responsibilities** at the eligible institution
  - Have not previously received a CAREER award
  - Have **not had more than two** CAREER proposals reviewed previously
- No requirements on citizenship
- Info website:  
[https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503214](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214)
- Ask Dr. Lu for more information

# Funding opportunity for early career

- NASA New Investigator Program
  - 3 years grant
  - **Proposal PI must be a U.S. citizen or have lawful status of permanent residency**
  - Be employed at an institution in the U.S.
  - Early Career: **no more than five years after Ph.D. degree**
  - Be in tenure- or **nontenure-track** positions in either teaching or research or both
  - Info website: <https://science.nasa.gov/amendment-17-new-early-career-investigator-program-clarification-and-due-date-delay>

# Funding opportunity for early career

- DOE Early Career Program
  - 5 years grant?
  - within 10 years of having received a Ph.D. and are either untenured assistant professors on the tenure track, untenured associate professors on the tenure track, or full-time, nonpostdoctoral, permanent DOE national laboratory employees
  - No requirements on citizenship but the PI must be employed by either a U.S. academic institution or a DOE national laboratory.
  - info website: <https://science.energy.gov/early-career/>

# Funding opportunity for early career

- Sloan Research Fellowships
- Young Investigator DoD Awards
- Internal opportunities from your institutes

# How to read ad for academic position

- The University of North Dakota (UND) is seeking qualified applicants for a tenure-track faculty position within the Department of Atmospheric Sciences. The successful candidate will be expected to **teach undergraduate and graduate** courses; **demonstrated expertise and enthusiasm for teaching** is highly desirable. The candidate will also be expected to **develop a program of externally-funded research** that ties in with one or more of the UND [Grand Challenges](#). The **ability to collaborate with scientists within and outside the department is essential**. A Ph.D. in atmospheric sciences or a related discipline is required, and a proven record of publication and external funding is highly preferred. We are seeking in particular an individual with demonstrated expertise in one or more of the following areas: **Boundary Layer Meteorology, Hydrometeorology, Climate Systems/Modeling, or Airborne Research**. This position will be filled at the **Assistant Professor level**.

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