

**The most common first question –
*How do I write a great proposal?***

**The approach Sally described has
made a huge, huge difference,
many, many times**



Additional Thoughts:

**Volunteer to review proposals /
serve on panels. *Why?***

***Don't you hate it when students turn
in work that does not match the
assignment and grading rubric?***



Additional Thoughts:

Consider linking research to teaching / “broader impacts” and vice versa

Even if it is not required, it can be a significant competitive advantage and is often helpful for T&P.

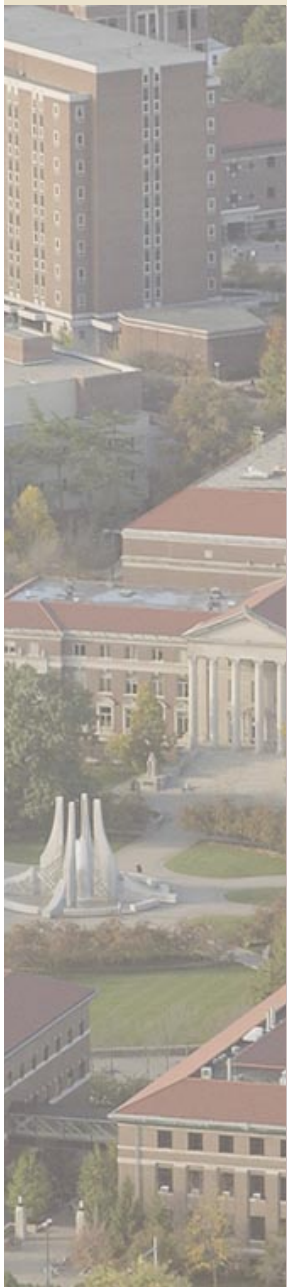


But what do I propose and to which funding source?

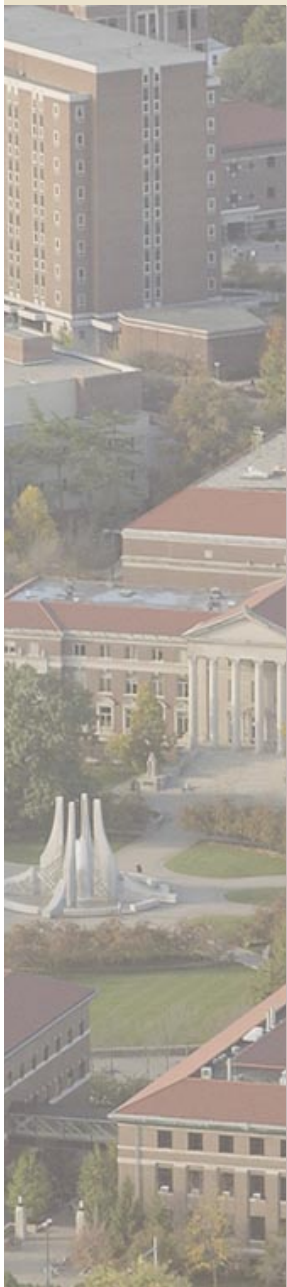
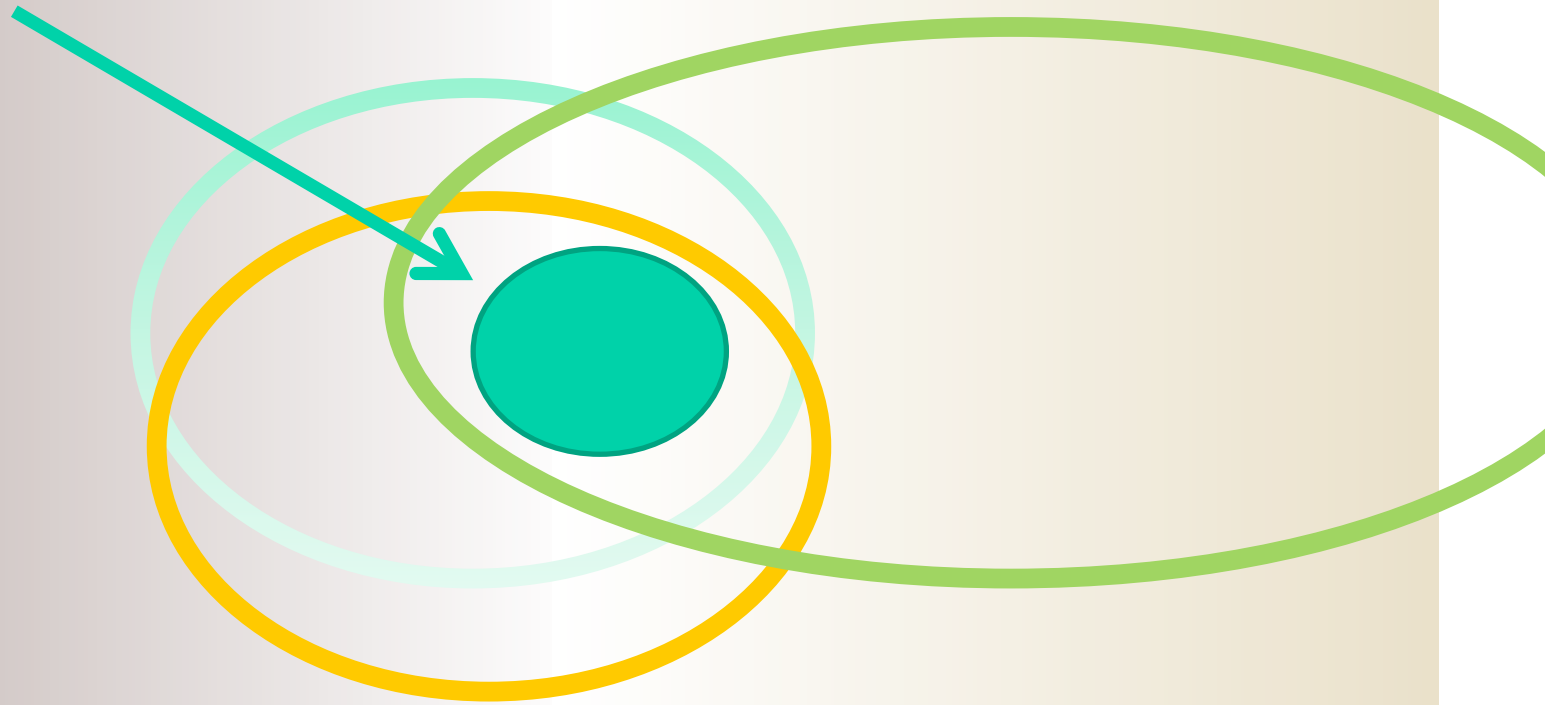
things you'd
love to do

things they
want to fund

things important
for T&P



It's not rocket science (unless that's your field 😊),
**Investigate a range of
funding sources for
this**



WALK, JOG, RUN

#1 Ohio Environmental Education Fund, \$4,741

#2 Northeast Ohio Inter-Institutional Urban
Research Consortium \$14,956

#5 Great Lakes Basin Program for Soil Erosion
and Sediment Control \$35,000

#8 National Science Foundation, \$89,834

#12, \$100K #24 \$600K # 39 \$1.2M

*Over-achieve on the initial small grants to show
funders you provide great return on investment!*



Maximize Your Odds

- I SUBMIT MULTIPLE PROPOSALS PER YEAR
 - **FREQUENT, HIGH QUALITY SHOTS ON GOAL**
 - **SHOOT AT SEVERAL GOALS AND ALWAYS LOOK FOR NEW GOALS THAT POP UP**
 - **REVISE & RESUBMIT, REVISE & RESUBMIT**
 - **JOIN / MAKE TEAMS FOR SOME PROPOSALS**



why interdisciplinary teams?

(semantics - they are usually transdisciplinary)

- How many grand challenges can be solved using only one discipline? The previous generation did all of the easy stuff within the discipline, the new frontier is ...
- Most funding agencies have increasingly focused \$ on interdisciplinary teams
- It's fun and productive to bring new methods and perspectives to your work through collaborators
- It opens up new funding sources and new areas for your interests and talent that would not be possible on your own

But don't I have to be sole PI for T&P?



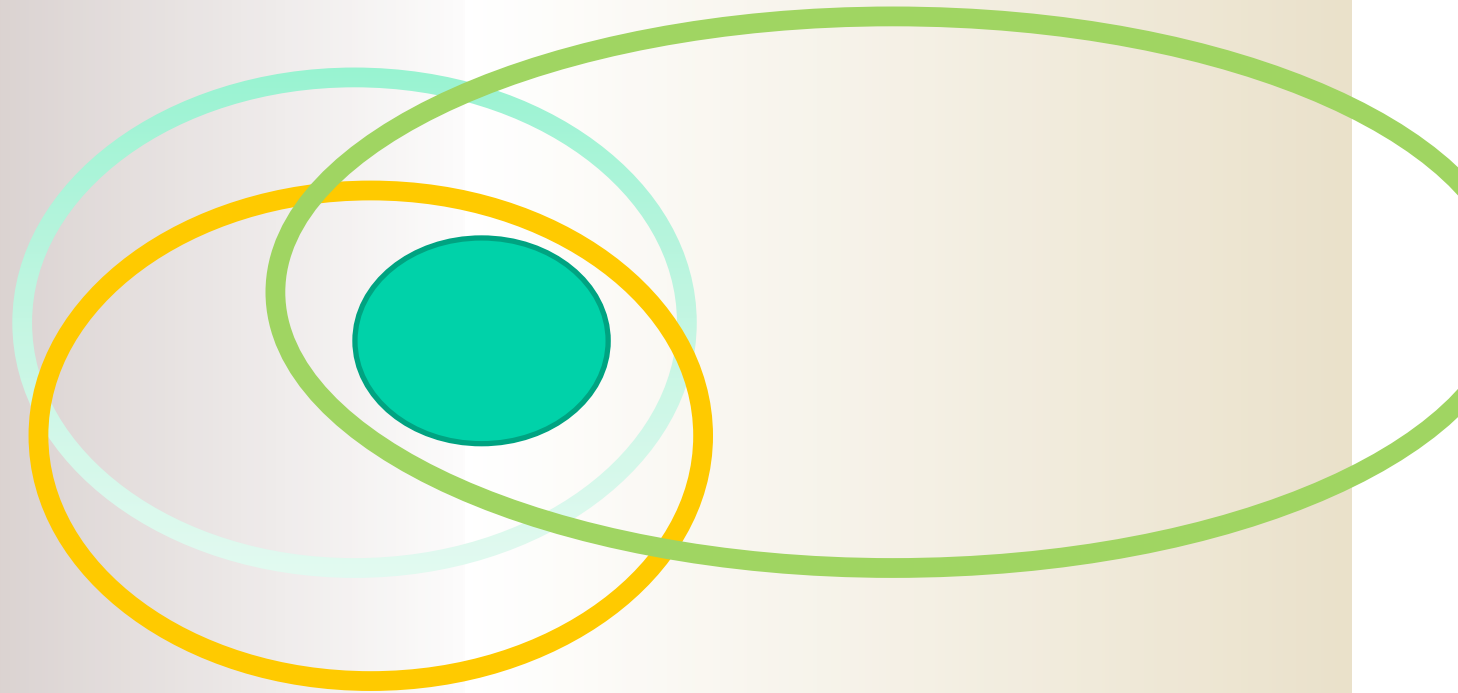
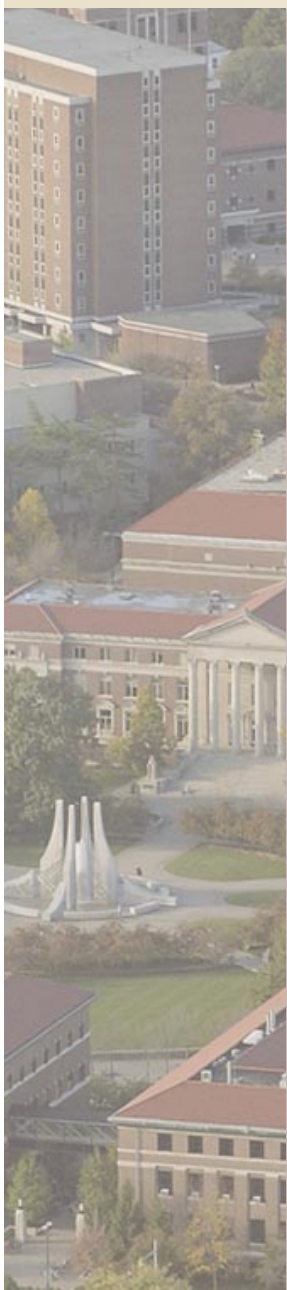
I don't just say it, I do it ...

my co-authors and co-PIs include:

- Agricultural and Biological Engineering
- Geography
- Political Science
- Curriculum and Instruction
- Agronomy
- Geology
- Physics
- Technology
- Urban Planning
- Forestry and Natural Resources
- Atmospheric Science
- Biology
- Statistics
- Food Science
- Civil Engineering
- Agricultural Economics

in multiple institutions and countries. *This morning I was working on.....*





Walk, Jog, Run

Maximize your odds

#s, different opps, teams