PRESENT YOUR PhD
WHAT YOU NEED TO KNOW IN 7 SLIDES
Community

Research

Over 1,100 reached in our first year

WACO
Involvement Opportunities

**Organizer**
- Low time
- Type A
- Good email-er

**Presenter**
- Positive influence
- Service
- New research
- Education or SciCom goals
In the times when you’re too busy to present, stay on as an Organizer or take a few semesters off to focus on your program and your work.
How does this benefit you?
PyPhD Workflow

We establish a connection with a new collaborator.

The Organizer establishes dates and times for PyPhD.

The Presenter crafts their age-appropriate presentation.

The Presenter goes to the school/museum/etc. to present.

An Organizer is assigned to the collaborator.

A Presenter is assigned.

The Presenter practices their talk with PyPhD members and receives feedback.

Gains!
Workflow Time Breakdown

An Organizer is assigned to the collaborator

- 5-15 minute meeting

The Organizer establishes dates and times for PyPhD

- 2-4 hours of emails over a few weeks

A Presenter is assigned

- The Presenter practices their talk with PyPhD members and receives feedback

The Presenter crafts their age-appropriate presentation

- The Presenter goes to the school/museum/etc. to present

- 5 min email response

- 2 hours to make presentation

- 1 hour practice

- 1-2 hours presenting

- ~4 hours max

- ~6 hours max
Communicating Science to Young Learners

3 ways to do it in 2 minutes or less
Main thing I want to get across: Whale earplugs are a proxy for aging and can be used to detect pregnancies.

How to modify: Whale earwax is like tree growth rings, we can use them to tell how old whales are.

We can analyze each of these layers to look for a substance that is common during pregnancies. We found out whales can get pregnant more than 16 times in their lives!

Who here has 16 siblings?
Development of novel antimicrobial peptides targeted against specific pathogenic bacteria

New drugs because the old ones are not more effective

Antibiotics that usually kill all bacteria

These drugs will kill only the bad ones, leave the others

Some bacteria are really really really bad, while others are actually helpful
Increasing chemosensitivity: microRNA-203 and Ophiobolin A selectively target triple negative breast cancer stem-like cells

Define the key concept you want to convey

- Why do we care?
- Analogy for understanding
- Why are they cool?
- How do I study it?
Contact Us

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