

## Outreach Learning Goals

List your top learning goal for this outreach. That is, what one thing do you want students to understand (better) by the end of our lesson? (This should be a big picture type thing related to your research area; i.e. a broad concept that may be poorly understood by the public, and inhibits the public's ability to understand your work). \*

That there are always exceptions! generally we think that only male frogs call and it's pretty much true, but now we know that there's one species in which the female frogs do call, and they call a lot! They do exist and I wonder how many things we are overlooking because we think things are just "one way".

Why does understanding the above learning target matter for ordinary people? (We seek to encourage curiosity for its own sake, but this helps us make lessons more relevant and memorable for students). \*

That gender roles are dynamic, males can be fathers and be choosy, females can be aggressive and not be mothers. It's not one or the other, it changes, it's dynamic and we need to figure out what influences the scale.

Brain dump: list as many other learning goals you have for this outreach, ranging from broad to very specific/technical. Put them in order from most to least important, if you can. \*

1. I want students to understand that behavior is important for evolution
2. I want them to understand the concept of sexual selection
3. I want the students to understand the importance of exceptions in nature and how they challenge our beliefs
4. I want the student to understand that there are amazing behaviors out there and even the slimiest creatures that you don't even imagine are wonderful fathers.
5. We may be missing out in many amazing behaviors if we don't protect our vanishing habitats

Lay summary of your research. (We'll get more into this later, so can be very informal bullet points).

I am interested in finding out how frogs find each other (vocalizations), what females (or maybe males) want. How they mate, and what happens after they mate, and how they care of their babies!