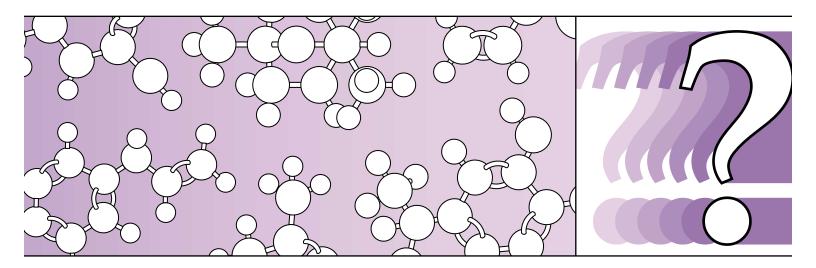
## The Pfizer Foundation Biochemistry Discovery Lab

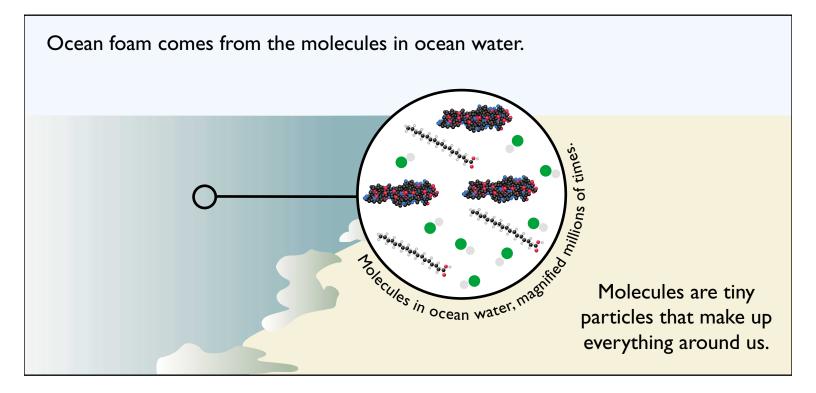
# What molecules are in ocean foam?

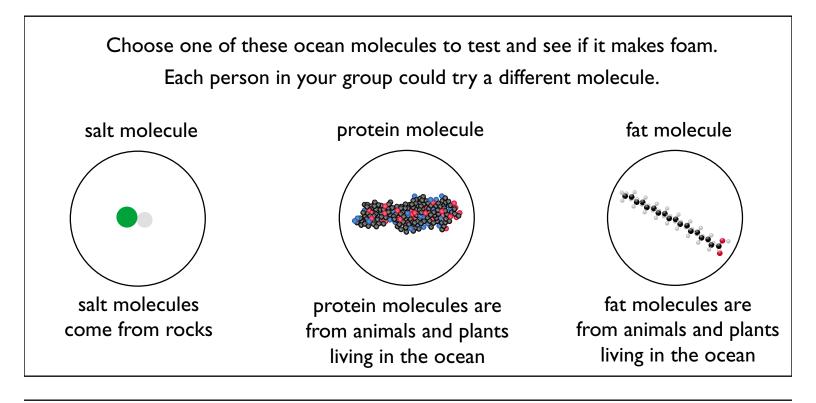




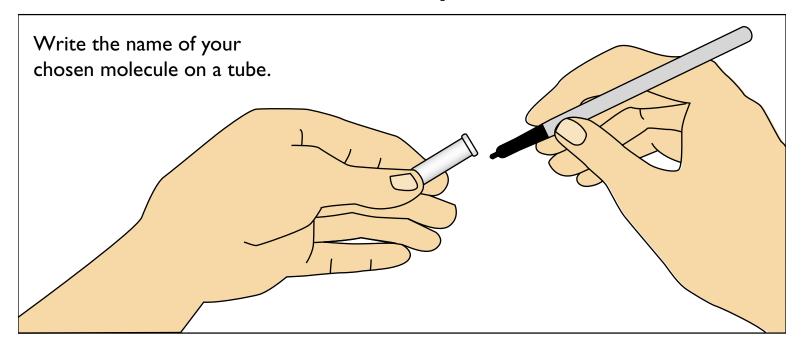
Did you notice the white foam that the waves make?

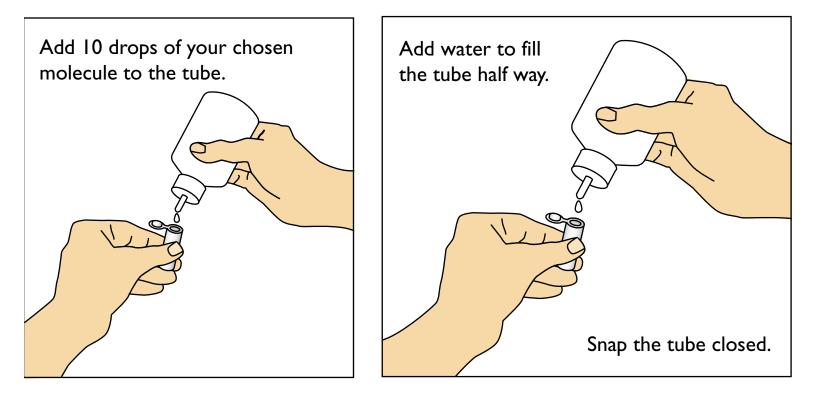
### Do an experiment to find out where ocean foam comes from.

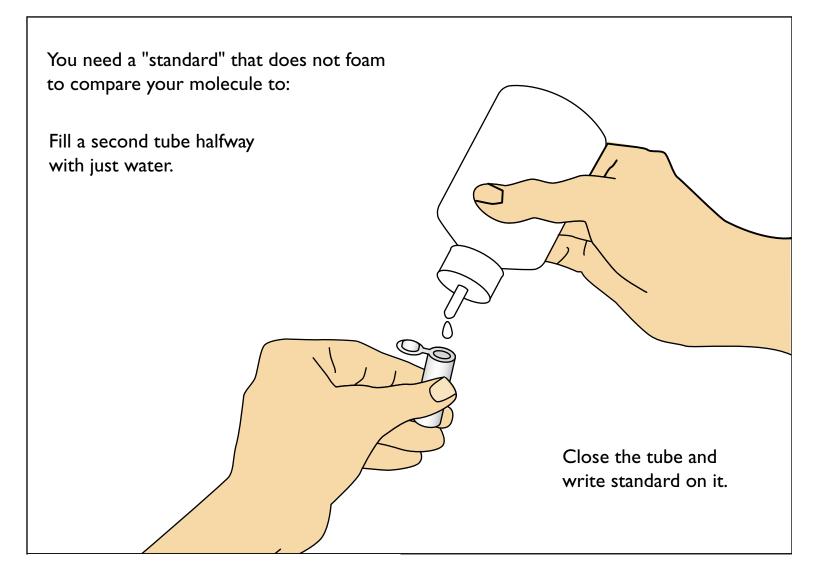


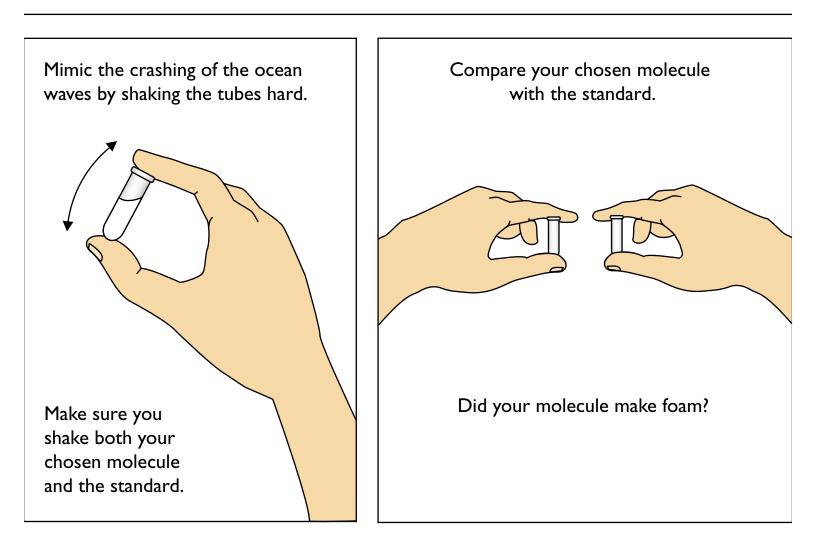


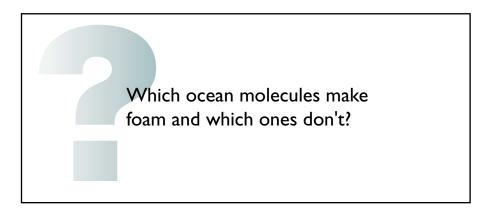
#### Do the foam test on your molecule



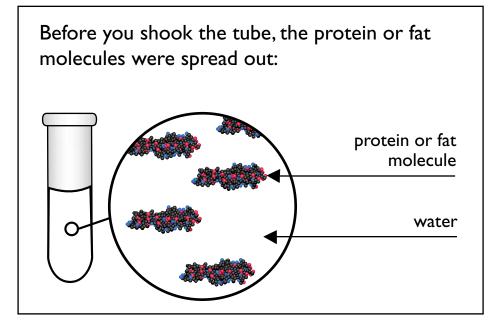








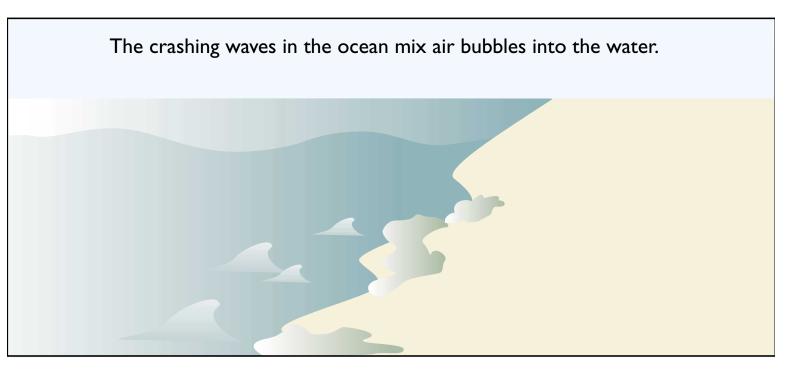
#### Where does the foam come from?



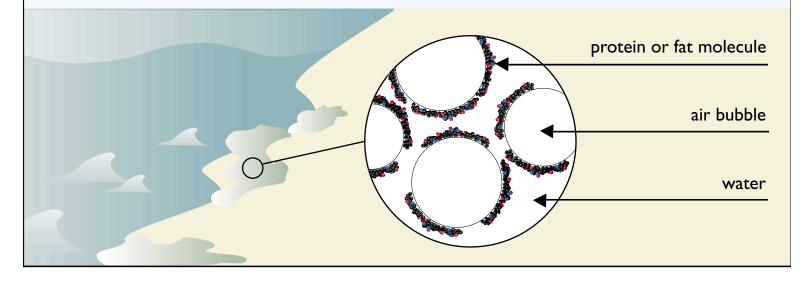


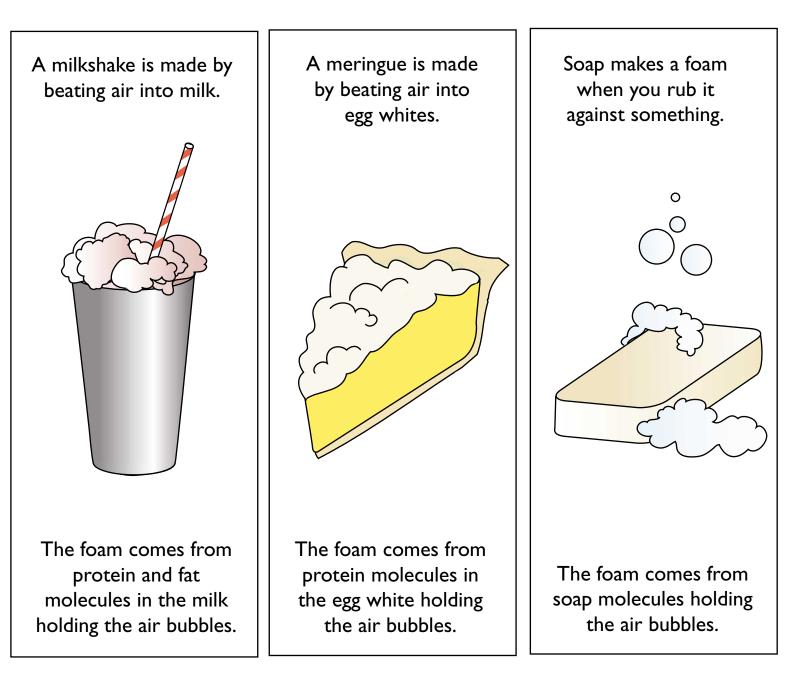
The protein or fat molecules cluster around these air bubbles, holding them in place: protein or fat molecule air bubble water The foam you see is hundreds of tiny air bubbles held in place.

#### What about the foam on the ocean?



Just like in your experiment, the protein and fat molecules in the ocean cluster around the air bubbles, and hold them in place to make a foam.





#### Have you seen these other foams?

Do you have questions about this activity, or about foam and molecules?

Maybe you can find the answer by experimenting some more.

Ask a staff person if you need help.

