

## X-STEM All Access - Deep Sea Science

[Chris Fischer](#) | [Dr. Mike Heithaus](#)

April 23, 2021

### TEACHER & PARENT TIPS:

Prior to the video, ask students to read the speaker biographies on our [website](#). To keep students engaged during the session, we have listed some key facts to look for during the talk, listed below. In addition, ask the students to answer a list of follow-up questions for a deeper analysis of the subject matter. Some sample questions are listed on page 2 of this worksheet.

Looking for more talks? Our video library filters the videos by subject matter to make the selection process easier for your lesson plans. Access the video library here:

[2020 X-STEM All Access Videos](#) | [X-STEM Symposium Videos](#) | [Festival Videos](#)

### ENGAGEMENT & FACT QUESTIONS:

**Dr. Mike Heithaus, Marine Biologist-read his biography before the talk [here](#).**

What kinds of animals is Mike fascinated by most?

How big can tiger sharks get?

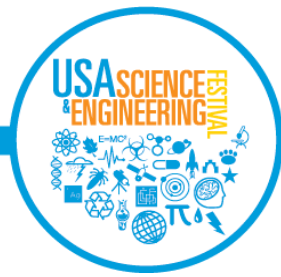
What is the main method Dr. Heithaus studies ocean animals?

**Chris Fischer, Founder of OCEARCH-read his biography before the talk [here](#)**

What types of jobs are found aboard the OCEARCH research vessel?

What three tags do they use for shark tagging?

What is the longest Chris and his team have been out at sea?



### **REFLECTION AND ANALYSIS QUESTIONS:**

Who did you learn about in this session? What is his/her name and what kind of work does he/she do?

Why is this speaker's work important?

How does his/her work have a direct impact on your life?

Tell me what you remember most from the speaker's presentation? What did you find most interesting?

What other kinds of jobs can you think of in his/her area of work?

Are you interested in learning more about this topic?

Can you predict what will change about this topic in the future? How will this impact your life?

If you could ask this speaker anything, what would it be?

Pick one fact from this talk and do your own follow up research. Provide a list of what you have learned.

### **BONUS Options:**

Dr. Heithaus studied sharks in Australia and explained how important sharks are to our ecosystem. Do some of your own research and provide a paragraph on why they are so vital to the earth's ecosystems.

Chris Fischer founded OCEARCH and his website tracks sharks and their locations around the world. Visit the OCEARCH website [here](#). Pick your favorite shark and write about why you chose that shark, and provide some facts about the shark you chose.