



Meet the Scientist!



A fish biologist studies fishes and the habitats they occupy to better understand the relationships between fish biology and habitat.

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<http://www.naturalinquirer.org>

Important Scientist Characteristics:

Passion, grit, and analytical skills are important. Passion for the aquatic environment fuels my scientific spirit. Grit is similar to determination; grit keeps me productive and moving along when times are hard. Analytical skills help me solve problems and uncover answers to my questions.

Example of a simple research question I have tried to answer:

How do trout respond to the separate and combined effects of forest harvest and climate change?

Technology or equipment used in research:

We use electrofishing to complete population and species assessments. Electrofishing uses electricity to stun fish so that they can be captured with a dip net. Once a fish is captured, we can measure the fish's length and weight, insert a tag, or take a fin clip for analysis back in the laboratory. The fish are then released back into the environment.

Most Exciting Discovery

Fish are safeguarded against changes in climate and land use when they are found in streams that have more complex and diverse habitats .

When did you know you wanted to be a scientist?

When I was younger, I loved to swim. What began as swimming like a fish, turned into studying fishes.

<http://www.fs.fed.us/pnw/lwm/aem/people/penaluna.html>