I am a comparative physiologist who explores how animals adapt to extreme environments.

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Learn more about physiology careers at the-aps.org/careercards
Greg Florant, Ph.D.

To be a scientist, you need:
1. Writing clearly
2. Speaking clearly
3. Inductive and deductive thinking
4. Networking

By the time I was 12, I knew I wanted to be a scientist!

You can check out some science articles I've written at http://bit.ly/GregFlorantArticles

Answer a question and release more cards at the-aps.org/careercards

I knew I wanted to be a scientist when...

How do certain mammals stop eating for nearly 6 months each year and still stay healthy?

One of my research questions:

By using animals, I hope to uncover physiological mechanisms that may ultimately help humans with critical diseases such as obesity, diabetes, and heart disease.

Technology I use:

We learned that, during hibernation, some mammals keep their body temperature near freezing to conserve energy. We also found that eating certain types of fatty acids can change animals’ activity (torpor) patterns.

My most exciting discovery:

We can now use this knowledge to develop new treatments for diseases like obesity and diabetes.