

Name: _____ Date: _____

Homework: Reading “Meet a Scientist Who Studies How the Environment Affects Our Traits”

You know genes affect traits, but can the environment affect traits, too? Read and annotate the “Meet a Scientist Who Studies How the Environment Affects Our Traits” article to learn more about a scientist who studies links between the environment and human health. Then, answer the questions below.

Are genes the only thing that cause human disease? Provide evidence from the article to support your claim.

How do you think new technology has helped scientists learn about genes and proteins?

How did Maunakea’s background as a native Hawaiian affect his decision to become a scientist?

Active Reading Guidelines

1. Think carefully about what you read. Pay attention to your own understanding.
2. As you read, annotate the text to make a record of your thinking. Highlight challenging words and add notes to record questions and make connections to your own experience.
3. Examine all visual representations carefully. Consider how they go together with the text.
4. After you read, discuss what you have read with others to help you better understand the text.