

VIDEO TRANSCRIPT

Beth on Genetic Complexity

[Link to video.](#)

[Beth]: One of the things I'd like to get out there is, I don't think people quite understand how complex and complicated genomics is. And it's important to note that I don't think we really understood how complex it was either.

So, we thought, we'll sequence the human genome and we'll have all sorts of answers. And we sequenced it, and it turned out that's a tiny portion of what we need to know in order to figure out what's going on.

Everything is influenced by environment. Epigenetics is a big term that's out there now. So certain genes turn on and off differently in different people.

So it's not just, I have this particular variant of a gene, so I'm going to look or act like this. It's a lot more complicated, and almost every gene in our genome is interacting with another gene or another part of our genome as well as the environment, so.

However, sequencing the genome gave us that foundation, and now I think we're, we're kind of starting to make headway in understanding how complicated everything is.

