

Uncharted waters of whole genome sequencing

A few years ago, when I spoke with Euan Ashley, MD, associate professor of medicine and of genetics, about the promise of genomics for diagnosing and treating diseases he agreed that the field was in the wild, wild west. Now, in my latest 1:2:1 podcast with him, I asked how would he describe this moment in time, when so much has changed so quickly in whole genome sequencing (WGS).

First, he said, the costs of sequencing the genome have plummeted. “At the point we spoke we were just coming off the \$20,000 genome,” he told me. “Which seems remarkable, because we’d just been at... \$200,000, and before that at the \$2 million genome. In looking around in science... in medicine, I have not seen a technology that has changed that much.”

Read the full, original story: [Whole genome sequencing: The known knowns and the unknown unknowns](#)