

In the first part of my talk, I'm going to explain the process of how research is conducted at universities. The first thing that needs to happen is that a scientist who's working in an area will narrow down an area to research and po__¹ a question that they'd like to answer. They also need to apply for fu____², to pay for this research. I think a lot of people are surprised by how much time scientists spend on raising the money they need.

A lot of research projects, especially in medical areas, require pa_____³ to be recruited as experimental subjects. Sometimes these people are volunteers, and sometimes they are paid. Once the experiment starts, data is collected and an_____⁴. You might think this is the end of the story, but in real life, research almost never goes to plan. Instead, scientists en_____⁵ many problems, and they then have to pause their research in order to tr_____⁶ the causes. With luck, they'll be able to overcome the ob_____⁷ and even take measure to avoid future pi_____⁸.

So, as you all develop your scientific careers, you can expect to ac_____⁹ lots of new skills and develop the re_____¹⁰ you need to complete your research, even when things don't go smoothly.