

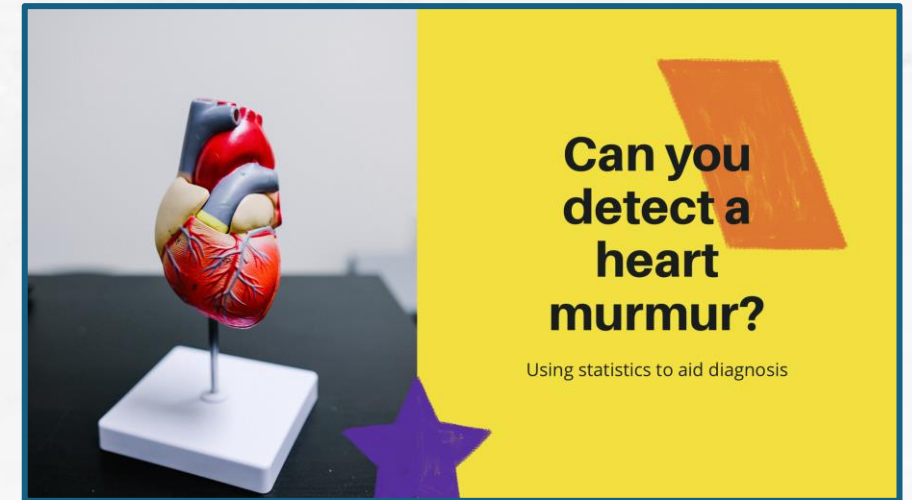
Nicola Rennie

2024-2025 William Guy Lecturer
Secondary Schools

Engaging with young people to inspire them
about statistics

Previous schools outreach work

- Mainly working with students aged 14-16.
 - Starting to think about **careers**.
 - Focus on encouraging underrepresented groups into careers in data e.g. girls and students from more deprived areas.
 - Focus on the **social good** of statistics careers.
- Statistics and data science is a viable career path.
 - Joint events for students and **parents**.
- Project-based workshops showing the **end-to-end process** of a data science project.



2024-2025 William Guy Lecture

- “From lab to patient: how statistics shapes decisions in medical treatment” aimed at students aged 11-16.
- The 11-16 age group is when young people typically start making more of their own medical decisions.
- Drawing parallels between the questions they might ask about their own health and medical treatment, and the questions that statisticians can work on:
 - How do I know this medicine is safe?
 - How do I know this medicine will work?
 - How do I know how much I should take?

