

**BBC**



**Loughborough  
University**

**Name:**

Aimee

**Job Title:**

Lecturer in Sports Technology

**Where do you work?**

Loughborough University



**What does your job involve?**

I teach university students about sports technology. I also study how we can better engineer products to suit every individual. For example, I helped test ice hockey skates for players to try and help them improve their performance.

**How did you use science to solve a problem?**

The ice hockey players wanted to see if they could skate more quickly. So we tested how the player skated on the ice when wearing the different skates. We used pressure sensors placed inside the skates. This helped us to measure the forces players applied to the ice and how fast they could skate on the ice when doing different movements.

**How did you improve the ice skates as a result of your test?**

We were able to make suggestions to the sportswear manufacturer about how they could make ice hockey players travel faster.

**What influenced to do the job you do?**

I always liked sport at high school. I also enjoyed Maths and English. When faced with the decision of what degree to take at University, I saw sports science and thought it was a great way to combine my two passions, sport and maths.

**What are your hobbies?**

I enjoy running, cycling, skiing and also learning new skills and sport; so recently I have been learning golf and ice skating.

**What skills and qualities do you need for your job?**

You need to be good at critical thinking, be an excellent problem solver, be good at communicating with people and have good maths skills.