

Gerard Cummins is an Associate Professor in the School of Engineering and leads the Medical Microsystems lab. His core research interest is in applying microengineering techniques to benefit healthcare by developing smart miniaturised diagnostic and therapeutic implants, ingestible and wearable devices. Gerard Cummins is part of the Healthcare Technologies Institute (HTI), an interdisciplinary network of over 70 academics working together to advance new technologies and treatments that encourage better tissue healing and rehabilitation tools. The HTI brings together leading experts from a variety of disciplines across the University of Birmingham, including chemical engineering, biomedical science, computer science, applied mathematics, chemistry and physics. Researchers across campus are working collaboratively to speed up the translation of new discoveries into health applications.

**Qualifications:**

- Senior Member of the Institute of Electrical and Electronic Engineers
- Fellow of the Higher Education Academy
- PhD in Microengineering, University of Edinburgh
- Bachelor's Degree in Microelectronic and Electrical Engineering, University College Cork