



THE Biomedical Engineering Institute (BMEI)

WARWICK

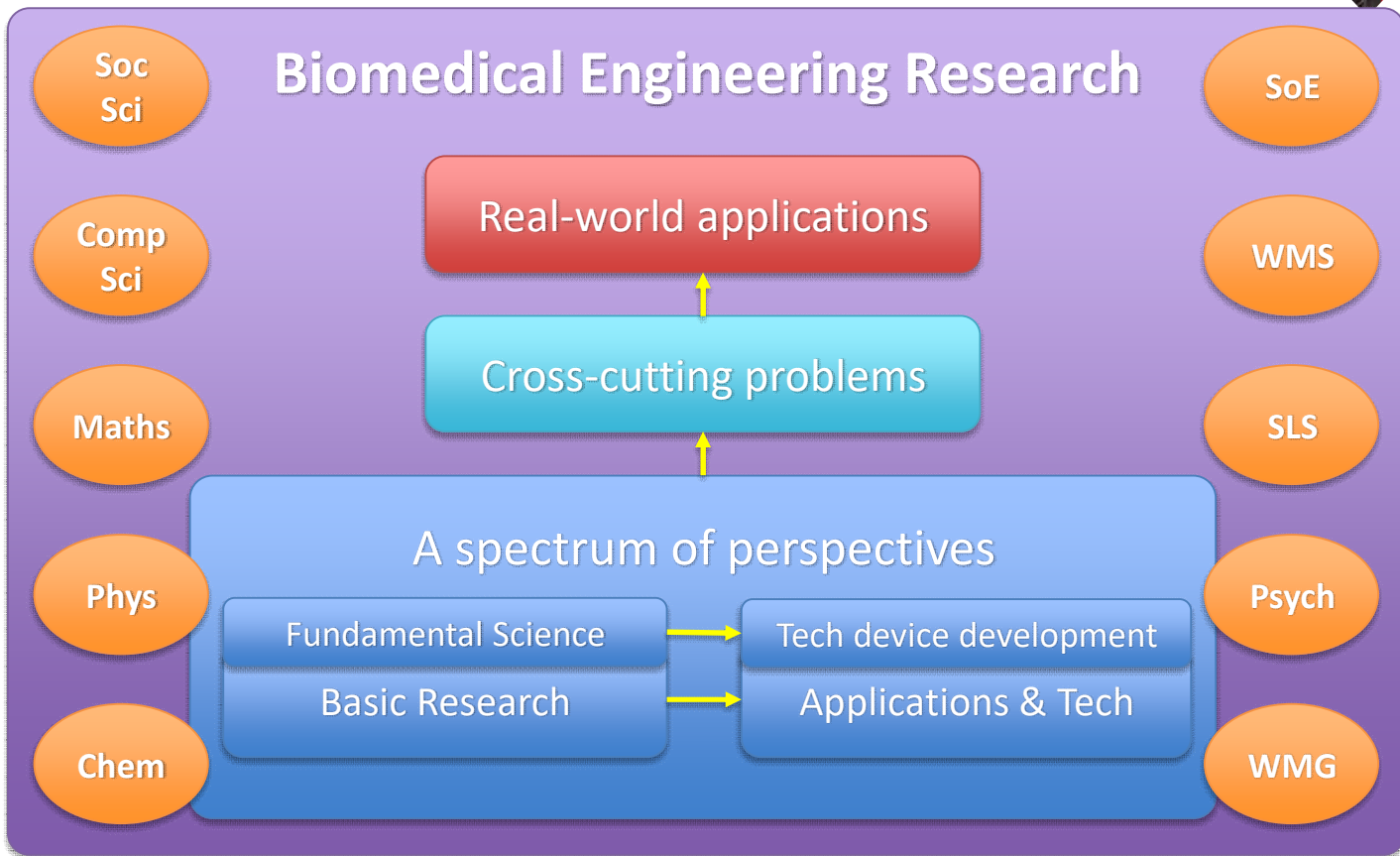
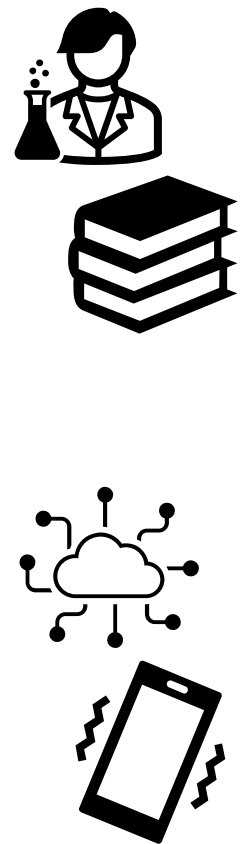
Christopher James

Prof. of Biomedical Engineering & Director, BMEI



The BMEI is a Centre that brings together strong and broad research capabilities in the School of Engineering in the field of biomedical engineering. Staff at BMEI work on a breadth of cross-cutting problems underpinning real-world applications in the field of biomedicine, across a spectrum of perspectives from fundamental science to technological device development. Whilst primarily concerned with basic research the work also crosses into applications and products in certain application domains.

BMEI staff from the SoE collaborate across the University (with existing contacts and projects joint with WMS, SLS, Psychology, WMG, Chemistry, Physics, Maths, Computer Science and Social Sciences). Much of the BMEI work also reaches out to Hospital based research groups across the Midlands, in particular UHCW, UHB and Nottingham, and beyond whilst also encompassing strong and close collaborations with industry.





Soc
Sci

Comp
Sci

Maths

Phys

Chem

Biomedical Engineering Institute

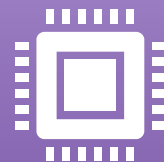
SoE

WMS

SLS

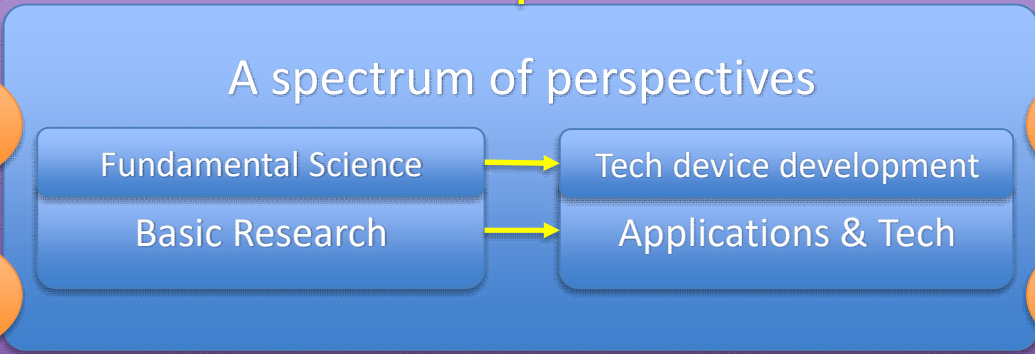
Psych

WMG



Real-world applications

Cross-cutting problems

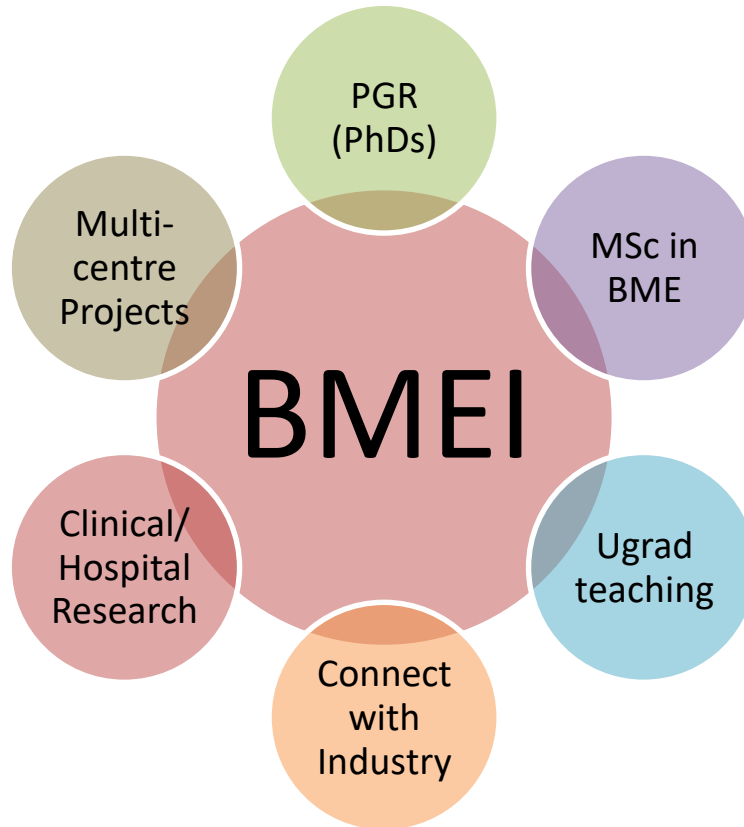


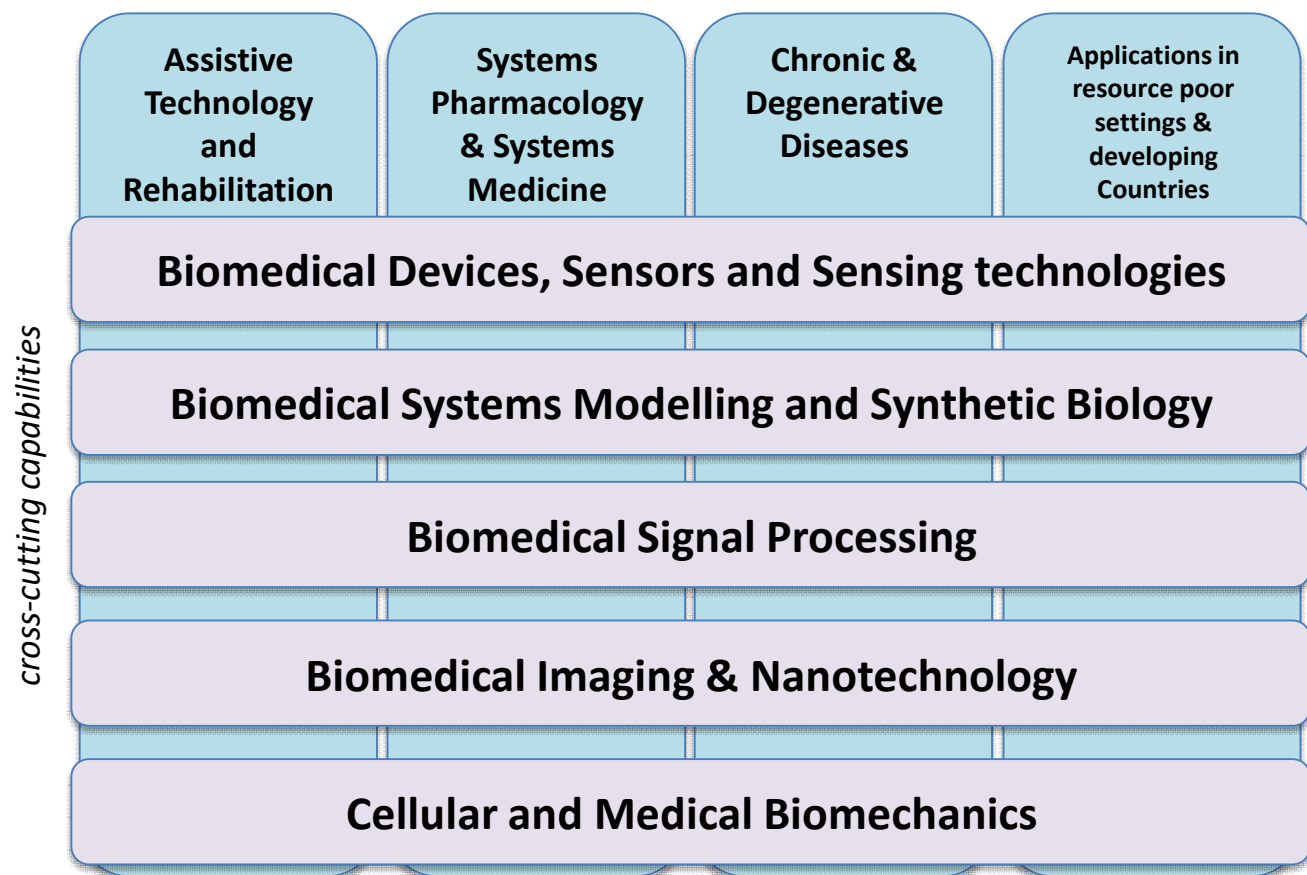


BMEI aims:

- ❖ Create a clear visible focus for BME research undertaken in the SoE linking existing strengths within the SoE and further within Warwick
- ❖ Create a base for BME current and future research taking place with clinical and industrial partners, aligning with the University's GRP for Health;
- ❖ Forge new external collaborations with regional, national and international partners across the varied areas of research within the field of BME;
- ❖ Create a base from whence to apply for strategic funding to National Research Councils and beyond;
- ❖ Create a base from whence to apply for future Centres for Doctoral Training (CDT) in BME, as well as the potential for apprenticeships at the postgraduate level.

What we do





BMEI laboratories: 8 BME specific labs



BMEI membership

