



# Queen Mary

## University of London

School of Engineering and Materials Science  
8<sup>rd</sup> Industrial Advisory Board 13<sup>th</sup> November 2018

Prof James Busfield

Director of Industrial Engagement

Head of the Division of Materials Engineering

# QMUL Engineering School, NPU



- 480 students now in years 1 & 2 of our 2 degree programmes
- Third semester teaching and exams completed successfully
- 5 Joint Research Centres



# Industrial Engagement with JEI

- Many ways to collaborate:
  - Industrial lectures & career talks
  - Industrial visits
  - Industrial driven projects, prizes & competitions
  - Internships (subsidised)
  - Joint Research activities
- JEI now needs international industrial partners and welcomes discussion on integrating industrial knowledge into our activities



# 2018 SEMS / Industry Price List

Fully Funded Post-Doctoral Research Assistant	£123,197 - £128,206pa
Fully Funded PhD studentship (any student)	£148,000 for 3.5 years
Fully Funded PhD studentship (EU national)	£115,000 for 3.5 years
Embedded Researcher in SEMS	£30,000 + facilities
Year in Industry Studentship	min £15,500 per annum
Work Experience Studentship	min £1,100 per month
MEng Group Project Sponsorship	£1,500 each group
MSc student project Sponsorship	£500 per project
BEng student project Sponsorship	Consumables
Student Prizes	£500 recommended
Contract Research	Individually costed

# SEMS / Industry Price List

PhD Case Award from EPSRC with Industrial Support (UK National)  
~£84,900 from EPSRC and £28,300 from a Company for a full  
studentship

Half funded PhD studentship with Industrial Support (China Scholarship,  
Principal's Scholarship ...)  
~£62,000 for a 36 month or £82,000 for a 48 month studentship

Industrial support for RCUK (EPSRC, BBSRC, NERC, STFC or MRC),  
Innovate UK or a QM Proof of Concept bid  
Individually costed depending upon the research collaboration

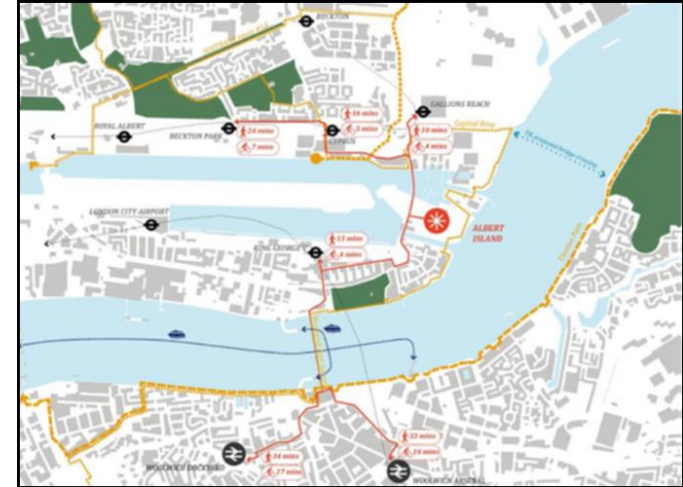


# CDT in Predictive Bioengineering

- Bid for 60 students (40 funded by EPSRC) over 5 intake cohorts
- Each CDT will last for 9 years
- 20-40% of funding from non RCUK
- First intake Sept 2019
- Extensive in-house understanding of biomaterials, biocompatibility, biomechanics, mechanobiology, sensor technology, microfluidics and computational modelling.

# Institute of Technology Bid

- The Department for Education wants to establish new Institutes of Technology (IoTs)
- Stage 2 proposals due next Wednesday
- QMUL / Newham College £18M bid for the London Institute of Transport Technology (LITT)
- QMUL led a parallel bid for £10M from Skills for London
- If successful the first intake is in 2020
- Current plans are for ~1,200 learners at with 20% at level 3, 55% at levels 4 & 5 and 25% at degree apprenticeship
- We need more partners to help the bid



# Knowledge Transfer Partnerships

14:00 - 14:10 – Welcome and Introductions – James Busfield

14:10 - 14:30 – Overview of the KTP scheme – Richard Lamb,  
Knowledge Transfer Partnerships (KTP) Programme Manager

14:30 - 14:35 – Question & Answers

14:35 - 14:50 – Case Study – LMK Thermosafe and Emiliano Bilotti

14:50 - 14:55 – Question & Answers

14:55 - 15:15 – Facilitated table discussions

15:15 - 15:20 – Next Steps – James Busfield/Charlie Ellis

15:20 - Close