**WEBSITE TEMPLATE**

**1. RESEARCH THEME/s; PRP; GI:**

Biofilm resistant liquid-like surfaces for medical devices to combat infections and associated complications

**2. PI DETAILS (Name, Pure Link, Twitter Handle & Photo)**

Dr Shuai Zhang

<https://pure.qub.ac.uk/en/persons/brad-cheung>

<https://mobile.twitter.com/spzhang01>

<https://www.researchgate.net/profile/Shuai-Zhang-212>

A person wearing glasses and a suit

Description automatically generated with medium confidence

**3. Research focus (80 words max)**Dr Shuai Zhang’s research mainly involves functional biomaterials and surface engineering. His current research is centered on developing bio-inspired self-cleaning coating technologies for medical devices and fabricating smart nanohybrid materials for early diagnosis of infections. His work also involves the application of novel electron-beam technologies in bone repair materials for enhancement of fracture-healing.

**4. Research opportunities** 40 words max  
  
Bio-inspired liquid-like coatings for medical devices to combat biofilms and associated infections

**5. Research students**

Name:   
PhD title:   
Years of Study:   
Country:

Name:   
PhD title:

Years of Study:   
Country:

Name:   
PhD title:   
Years of Study:   
Country:

Name:   
PhD title:   
Years of Study:   
Country:

**6. Alumni - where are they now? (3 Max)**

Name:

PhD title:

Years of Study:   
Country:   
Current position:

Name:   
PhD title:   
Years of Study:   
Country:   
Current position:

Name:

PhD Title:

Years of Study:

Country:

Current Position:

**7. Public Outreach/ other achievements** (media links; DNA innovation links etc; other press)

<https://vimeo.com/user133138122/review/664096109/341df0c623>

**8. Key words**

**Surface; Biomaterials; Coating; Medical device**