

# Surgical MedTech Cooperative NEWSLETTER

September 2018

Edition 3

*Welcome to the latest issue our quarterly newsletters. We are one of 11 national MICs funded by the National Institute for Health Research. Based in Leeds, we are a national network of clinicians, scientists, industry, patients and public working together to advance the care of patients with Colorectal, Vascular & HPB disease. For more information on what we do, please contact [surgicalmic@leeds.ac.uk](mailto:surgicalmic@leeds.ac.uk)*

## National Meeting 2018

Preparations for our National Meeting are going well, with speakers confirmed and a programme that is just about good to go! Our National Meeting is an opportunity for delegates to network and create new multidisciplinary collaborations and secondly to stimulate development of innovative ideas to address challenges in surgery. This year's theme is "Smart Surgery for Tomorrow's NHS" and the objectives of the day are to help delegates to:

- Understand the importance of a multidisciplinary approach to technology development for surgery
- Understand the key success factors for clinical adoption of surgical innovation
- Gain an overview of potential surgical applications of existing and/or new technology and how research collaborations accelerate the journey to patient access

We have planned an interactive meeting which means less of death by PowerPoint and more discussion on the issues that matter to you. You can also experience our programme via virtual reality and we would encourage you to [download our event app here](#) for the full experience (the app will only work at the National Meeting venue).

It's not too late to exhibit or sponsor our National Meeting. All proceeds go to supporting our [MedTech Foundation](#) to develop tomorrow's innovators.

Registration for the National Meeting is free via [Eventbrite](#)



## The Engineer: Collaborate to Innovate awards 2018

Our engineering team have been shortlisted for The Engineer: Collaborate to Innovate awards 2018, for their project on 'Shear Load Inductive Plantar Sensing for assessment and treatment of Diabetic Foot Disease'.



### MedTech Foundation

MedTech Foundation National Meeting (funded by the NIHR TCC): Thursday 24th January 2019.

The purpose of this event is to showcase what the Foundation does on a national scale, with the NIHR, leaders from each MIC and early career members from all the spokes nationally attending.

To register for the event please use this link: <https://mtf-national.eventbrite.co.uk>

### Newton Postdoctoral Fellow wins Jeo Gray Travel Award, Portland

Dr Arindam Pramanik, School of Biomedical Sciences, attended the 16<sup>th</sup> International Nanomedicine & Drug Delivery Symposium, in Portland Oregon, USA where he was awarded the Joe Gray Travel Award of \$500.

The objectives of this symposium are to highlight new ground-breaking discoveries and developments in nanomedicine and drug delivery.



### Patient and Public Involvement and Engagement Strategy

We are currently working up a final draft of our patient and public involvement and engagement strategy with members of our PPI Group, so that we can submit it to the NIHR in December 2018.

We would like to thank all those that have contributed and participated in developing this document, which should be on our website early 2019.

## MedTech Foundation Student wins best prize at Innovation Bootcamp

This year under our internship programme we sent three students to University of Twente Summer School. The CuriousU summer school is a ten-day programme that encourages people of all ages and levels of knowledge to come together and develop new ideas based around technology.

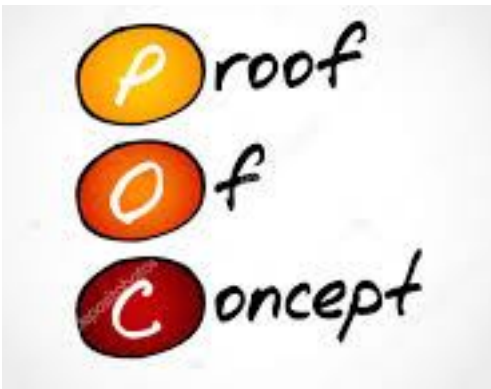
One of our students won 'Best Idea' and were 'Overall Winners of the EntrepreneurialU Pitch' out of six teams. [Read the student blogs](#)



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## Surgical MIC Proof-of-Concept Funding Summary

We received a total of six applications and funded three proof-of-concept proposals (details will be available on our website shortly).



1. A novel evaluation of radiotherapy positioning boards: optimising safety in design (Southampton)
2. Ex vivo perioperative immune monitoring: a proof of concept study (London)
3. Technical iteration and evaluation of Smart Check - a novel surgical safety solution (London)

We funded one incubator package looking at the effect of neurostimulation on patient relevant outcomes in patients with intermittent claudication: a feasibility study (Cambridge).

We will also be funding a medical technology prize of £3,000 to assess a medical technology, as part of the [Vascular and Endovascular Network \(VERN\) Dragons' Den 2018](#).

## **Funding collaborations**

[NIHR and MRC Multi-morbidity funding opportunity](#)

*Closing Date 9<sup>th</sup> October*

[BHF Translational Awards](#)

*Closing date 15<sup>th</sup> October*

[Bowel Disease Research Foundation Open Grant 2018](#)

*Closing date 31 October 2018*

[EME Programme Precision Medicine](#)

*Closing date 6<sup>th</sup> November*

[NIHR Efficacy and Mechanism Evaluation Programme Functional Imaging Call](#)

*Closing date 20 November 2018*

[Rosetrees Trust Seedcorn Applications](#)

*Deadline 30th November 2018*

[Clinical Outcomes Associated with the use XCM BIOLOGIC® Tissue Matrix](#)

*Closing date 31<sup>st</sup> December - Contact us for more information*

[Grow MedTech - De-risking & Converging Medical Technology](#)

*Various funding call with varying closing dates*

[The Jean Shanks/Pathological Society \(JSPS\) Clinical Lecturer Support Grant](#)

*Closing date 1<sup>st</sup> April 2019*

[Wellcome Trust - Innovator Awards](#)

*Closing date - no limits*

[Pancreatic Cancer Scotland - Pump Priming Research Grants](#)

*Closing date - no time limits*

Talk to us if you would like academic or clinical input, patient and public involvement or some support with project coordination and management. Please allow sufficient time for this.

## Upcoming Events

### **NIHR CRN National Industry Day - [The Future Now](#)**

Wednesday 10<sup>th</sup> October, London

### **[Health Innovation Roadshow for MedTech SMEs](#)**

Birmingham 18<sup>th</sup> October 2018

### **Programme Now Released**

#### **Surgical MedTech Cooperative National Meeting**

Date: 7<sup>th</sup> November 2018

Venue: Cloth Hall Court, Quebec Street Leeds LS1, Registration free via [Eventbrite](#)

### **Save the date**

MedIAN - Surgical MIC Joint Event - Imaging for Surgery

13 November 2018

### **[The Vascular Society of Great Britain & Ireland](#)**

Annual Meeting 28<sup>th</sup>- 30<sup>th</sup> November 2018

Scottish Event Campus, Glasgow hosting an exhibition stand.

### **Market Insight Briefings & Innovation Surgeries**

[Innovation Surgeries](#) throughout Autumn 2018, London

## Core team

Clinical Director: Professor David Jayne

Deputy Director: Mr Aaron Quyn

Vascular Theme Led: Professor Julian Scott

Hepatobiliary Theme Lead: Professor Giles Toogood

Scientific Director/ Nanotechnology Theme Lead: Professor Steve Evans

Robotics Lead: Professor Pietro Valdastrì

Engineering Lead: Dr Peter Culmer

Biosensing Lead: Professor Paul Millner

Programme Manager: Vee Mapunde

Project Manager: Anita Blakeston

Project Manager: Sheila Boyes