

## Report to Annual General Meeting of BAPRAS: October 2019

**Report from: Innovation SIG**

**Name of Representative: Will Breakey**

### Report

The 2018-2019 period for the Innovation SIG has been a busy one. We saw a complete personnel change in our committee and therefore find our activity weighted towards the end of the year. We all extend our thanks to the previous committee run by Ryan Kerstein and appreciate the support that they continue to provide.

We held our first event of the year, the 4<sup>th</sup> Annual Hackathon in October with the theme of *Delivering Surgery*. The aim of the hackathon was to get teams to come up with ideas to solve problems that our surgeons face on a regular basis with respect to the logistics of delivering surgery including everything from how the kit is stored and managed to how the patients are tracked around the hospital. The event was sponsored by Chevron TM and was hosted by PA consulting. It was organised by Nathalie Fennell and Thomas Dobbs from the Innovation SIG.

Over 40 delegates from backgrounds ranging from medical student to computer coder and product designer were assisted by staff from PA consulting technology department, plastic surgery registrars and other logistics experts from across the UK whilst they developed their ideas over the weekend.

The teams were challenged to come up with a 5 minute pitch for our judges which included a private investor from Angel Investment Network, the Chief Technology Officer for Chevron TM and a Director of Healthcare from PA consulting. The winning teams (who inspired Chevron TM to put in more money there and then for the prizes of £1000 each) designed a new way to map the development of pressure sores by adapting some gaming technology and a fascinating printable tag for wristbands which allowed patients to be tracked throughout the hospital thus automatically updating a smartphone based patient list.

The event was rated very highly by our sponsors and our hosts, both of whom hope to develop their relationships with BAPRAS. This was an excellent weekend which provided doctors with the opportunity to work with people from amazing backgrounds to come up with solutions to problems they may have always faced. We would love to see more doctors attend this event next year.

We look forward to hosting another session at the Winter BAPRAS meeting and look forward to welcoming two guest keynote speakers; Dr Danyal Akarca, the clinical AI lead for Medicalchain – A secure digital ledger holder of medical records, and Mr Paul Gaudin, an engineer and entrepreneur working in predictive health risk systems.

We are aiming to once again hold our 'toolkit' day in the new year. Likely in the Spring, or as part of the BAPRAS Winter meeting 2020. The idea is to give budding

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clinical entrepreneurs and innovators an overview of the basic skills they would need to launch a product / start an enterprise. The four pillars of this would be:

- Research - Generating Ideas
- Development & Translation - Process of taking an idea to bedside, Intellectual Property, creating a Business Plan, seeking Funding
- Communication - The Perfect Pitch and The Team
- Case studies

2018-2019 has been a period of settling in for us as the new committee and trying to continue on the excellent work of our predecessors. We continue in the aims of the Innovation SIG - to develop a culture of innovation throughout training with appropriate support, increasing access to new developments to the whole specialty and developing links with similar groups in other specialties.

Members: Will Breakey, Mark Mikhail, Barbara Jamec, Ben Smeeton, Ishan Radotra, Nathalie Fennell, Ramon Fernandes, Rossel Morhij, Thomas Dobbs

**Actions**

- 1) Continued support of the Innovation Session at BAPRAS meetings.
- 2) Support for our educational courses and resources.