

Graham Watson

Graham Watson, Executive Chairman, Scottish Health Innovations Ltd. (SHIL)

Graham Watson LLB CA FRSA is an experienced non-executive director with a strong commercial track record.

He has a rich mix of recent non-executive and advisory responsibilities in Scotland, covering The Law Society of Scotland (where he is a member of Council), the Court of Heriot-Watt University (where he also chairs the Finance Committee), Scottish Futures Trust and North Lanarkshire Leisure Limited (where he also chaired the Audit Committee).

He is a former partner in a Big 4 accounting firm, with extensive experience of working with SME clients delivering business development and strategic planning programmes and leading change initiatives. During his career, he has initiated and executed over 100 corporate transactions, valued at over £2bn. He has lived and worked in Silicon Valley, as well as in Scotland, during his 35-year business career.

Robert Rea

Head of Innovation, Scottish Health Innovations Ltd. (SHIL)

Robert Rea holds a BSc (Hons) Developmental Biology, University of Edinburgh, (1998). He completed a Ph.D in Biology from the University of York in 2002, specifically in genetics of plant cell division, and completed post-doctoral research fellowships at Walter & Eliza Hall Institute, Melbourne, Australia in dendritic cell immunology, 2003-2004. After that, Robert worked at the University of Queensland, Brisbane, Australia developing novel stem cell-based therapies for kidney disease between 2004-2006.

Robert became Automation Manager for Swedish biotech company Cellartis in 2007, and became Intellectual Property Manager for French biotech company Cellectis in 2010. He held the position of Business Development Executive at the University of St Andrews from 2013-2014, before joining SHIL as Head of Innovation in 2014.

Dr Stuart Parks

Head of Clinical Engineering, NHS Greater Glasgow & Clyde

Dr Stuart Parks is Head of Clinical Engineering in Greater Glasgow & Clyde Health Board. There, he is responsible for scientists, engineers and technologists embedded within the clinical 'ologies' diffused throughout the health board. He also leads the Medical Devices Unit (www.medicaldevicesunit.org) in Glasgow with skills in software engineering, informatics, image processing, electronic engineering, mechanical engineering and medical device regulations. These teams are involved in the design, development and evaluation of novel technologies for the NHS. Dr Parks has been the lead investigator in a broad range of research from device development, technology evaluation to clinical trials in areas as diverse as cancer, diabetes and epilepsy. Recently he established the Glasgow Centre for Ophthalmic Research (www.gcor.org.uk) to be a leading centre in the development and investigation of technologies and treatments for eye disease.

Gillian MacAulay

Managing Director, Gabriel Investments Ltd. and Strathclyde University Incubator

Gabriel is an angel syndicate, aimed specifically at supporting young, pre start and emerging technology businesses. Companies from a broad spectrum of sectors are eligible for funding, but Gabriel's focus is on companies that can demonstrate growth potential, ambition and scalability, preferably in new products and markets. As Managing Director of both the Strathclyde University Incubator and Gabriel Investments Limited, Gillian MacAulay has helped nurture over 250 young businesses since 1990 and implemented a strong client support system. Gabriel Investments was launched in 2012 and to date has done 24 investments into new companies, addressing the gap in the market of first stage funding for businesses, pushing them through an accelerator programme, to create disciplined, high value, growth companies.

Jim McGuire

CEO, Aurum Biosciences

Jim McGuire has over 20 years in healthcare, biotech, medtech with expertise in management, commercialisation, product and manufacturing development, project management and IP. Previously Jim has worked in life science start-ups and was recently the CEO of an NHS spin-out developing surgical devices, taking their innovations into the global market place. He worked in commercialisation and business development at Scottish Health Innovations Ltd, starting as a Business Development Executive Jim was promoted in January 2007 to a position that covered all aspects of the company's remit. Scottish Health Innovations Ltd develops medical and

healthcare technologies arising mainly from the NHS in Scotland, managing the process from evaluation and feasibility through product development to regulatory approval and market.

Paul Swinton

Air Ambulance Paramedic, Scottish Ambulance Service & Inventor

Paul has been a paramedic for the past 16 years. He joined the Scottish Ambulance Service Special Operations Response Team, based in Glasgow, in 2010, after re-locating from the West Midlands Ambulance Service. He is currently an Air Ambulance Paramedic for the Scottish Air Ambulance Division, involved in critical care and retrieval medicine, working alongside the trauma teams and medical retrieval services of Scotland (ScotSTAR.)

He is originally from South Africa, where he qualified and worked as a paramedic on the road, in A&E departments and as a flight paramedic.

Prior to his appointment with the West Midlands Ambulance Service, Paul also gained offshore experience as a remote site medic. He also developed a pioneering electronic version of the JRCALC UK national paramedic guidelines for smartphone and desktop use.

In 2013 he obtained the Diploma in Immediate Medical Care through the Royal College of Surgeons Edinburgh (RCSEd), and is now an examiner with the RCSEd.

Paul has a special interest in emergency airway management and, through the concept of Structured CRITICAL Airway Management, is the co-inventor of the SCRAM bag. The SCRAM system promotes the delivery of safe, timely, well-governed emergency anaesthesia by standardising, and optimally organising equipment and drugs prior to the procedure being required. Following success in the UK and Australia, and use by air ambulance, trauma teams, and EDs in Scotland, the SCRAM System has been developed into an improved model – SCRAM 2.0

Paul holds an MSc (Distinction) in Trauma Sciences (Military and Humanitarian) through Queen Mary University of London. His research examined the impact of drug and equipment preparation on pre-hospital emergency anaesthesia procedural time, error rate and cognitive load. Additionally he has been engaged in research conducted at the Royal London Hospital to compare the relative efficiency and safety of current practice versus the use of the SCRAM system.