

# Industry Innovation Specialists



## James Donnelly, Engineering

James has considerable experience of all aspects of engineering from design right through to manufacture. James graduated from Ulster University with a MEng honours degree in Manufacturing Systems Management with a Diploma in Industrial studies. He has worked in various industries from sheet metal forming, concrete (design) to quarry & recycling. James is a confident user in both AutoCad & Solidworks software and has significant experience of project management, product design, design development and prototypes within the commercial sector. He has worked on various design projects over the years ranging from bespoke one-off design solutions to standard products for manufacture.

☎ 078 4146 9512 ✉ [donnelyje@src.ac.uk](mailto:donnelyje@src.ac.uk)



## Kieran Swail, Tourism

Kieran is an experienced trainer and business mentor with over 25 years experience in the hospitality and tourism industry. Kieran has worked in a range of operational and management roles including: training and mentoring to SMEs, facilitating workshops, evaluating projects, developing business plans, tour guiding, lecturing in travel and tourism, operating and selling educational & sports tours, promoting corporate hospitality, and managing a family pub business. Kieran is a conference and event facilitator and has worked across a wide range of digital and tourism projects including podcasting, 360 tours, interactive maps, AR & VR. He has also helped businesses to create online training solutions.

☎ 077 3346 3146 ✉ [swaalk@src.ac.uk](mailto:swaalk@src.ac.uk)



## Mark Gillespie, Computing

Mark comes from a computing background and has experience in a wide range of IT areas from hardware and software management to networking and mobile computing. Mark holds a BSc Honours Degree in Computing Science and a Diploma in Professional Practice from the University of Ulster. He has completed IT Infrastructure Library v3 focussing on quality-driven service management and is JISC Cyber Essentials trained. Mark has worked across numerous sectors including education, hospitality and agriculture and his skills have benefitted a range of businesses by streamlining processes and maximising effort through use of technology.

☎ 078 9459 4780 ✉ [gillespiem@src.ac.uk](mailto:gillespiem@src.ac.uk)



## Brenda Kelleghan, Food Innovation

Brenda has over 15 year's experience as a New Product Development (NPD) Manager in Food Manufacturing and has launched hundreds of new and improved products in both retail and food service within the chilled and frozen categories. Brenda holds a BA Hons in Food Innovation with a Diploma in Industrial Studies from University of Ulster along with a MSc Business for Agri-Food & Innovation Mgt (Queens/CAFRE). Brenda's food industry experience prior to joining BSI, included working with a number of food manufacturing companies. This included TS Foods Ltd in Castlewellan, a local food company specialising in breadcrumb stuffing products. Brenda also worked with Green-Isle Foods in Co. Kildare for 8 years, as the Product Development Manager for Goodfellas pizzas. Brenda's food industry skills benefit food businesses by bringing new product ideas to market. Brenda joined SRC in 2013 and mentors food and drink businesses in all areas of R&D, NPD, Nutritional and Technical/Legislative queries.

☎ 079 7715 9439 ✉ [kelleghanb@src.ac.uk](mailto:kelleghanb@src.ac.uk)



## Emma Lyttle, Food Innovation

Emma has over 15 years of experience within the food industry working as a New Product Development (NPD) Manager, Technical Manager and Food Innovation Consultant. She has developed products for global brands, retailers' private labels and own label. Emma is currently working towards gaining her Master's in Business for Agri-Food and holds a BSc Honours degree in Food Quality, Safety and Nutrition. Emma's industry experience includes working for a family run orchard in Armagh and Nestle, as a Sensory Scientist. She has also worked as an NPD Manager in Food To Go/Bakery, Healthy Ready Meals and Added Value Meat/Poultry sectors. Since joining SRC in 2016 Emma has been able to pull on these experiences, to help companies launch commercially viable, consumer lead products that will keep their companies ahead of the competition. Emma has mentored over 100 SME's since joining the team.

☎ 075 0149 3979 ✉ [lyttlee@src.ac.uk](mailto:lyttlee@src.ac.uk)



## Rachel Little, Food Innovation

Rachel has over 12 years experience within food manufacture covering areas in New Product Development, New Process Development & Operations. She has launched hundreds of new and improved products & processes within the retail market. Rachel graduated with a BSc Hons degree in Food Technology from the College of Agriculture, Food & Rural Enterprise, (CAFRE). Before joining BSI, Rachel worked in Moy Park poultry, having gained experience in the primary & convenience factories. Specialising in operations, managing retail packing lines, and working with top retailer's in the ready to eat market. Rachel is passionate about product & process innovation which are essential key skills, which can be offered to all food companies in this highly competitive business sector. Rachel has experience in process development, understanding how to improve factory processes via method reductions, improve efficiencies & understanding new equipment.

☎ 075 0149 3979 ✉ [littler@src.ac.uk](mailto:littler@src.ac.uk)

# Industry Innovation Specialists



## Laura McGirr, Product Design Engineering

Laura is a Design Engineer with experience working in both the packaging and materials handling industry. She graduated from Queen's University Belfast with a MEng honours degree in Product Design & Development, holds a PGCE in Technology & Design from Ulster University and is currently working towards a PhD in Human Robot Collaborative Manufacturing. A confident SolidWorks user with a sound knowledge of product development, project management, design for manufacture, collaborative robots and prototype production. Laura is experienced in researching new technologies and holds several patents for work carried out in the packaging industry. She is passionate about improving design and manufacture through methods such as human centred design and lean production.

✉ [mcgirrl@src.ac.uk](mailto:mcgirrl@src.ac.uk)



## Dr. Sean McGurn, Engineering & Manufacturing

A qualified Mechanical Engineer, Sean's industrial experience covers both heavy and high volume manufacturing sectors. He has worked in fossil fuel and wind power generation, cement and fertiliser production, and most recently solar tube manufacturing. Much of this work included the specification, commissioning and introduction of new machinery. Sean is also experienced in solving process and product issues in production environments. Sean has been delivering industry projects for SRC for over 9 years and is also a valuable member of the teaching team in the faculty of Building Technology and Engineering.

✉ [mcgurns@src.ac.uk](mailto:mcgurns@src.ac.uk)



## Darren Haughey, Product Design Engineering

Darren is a Design Engineer with considerable experience across a broad range of sectors. Darren graduated with a BSc honours degree in Technology with Design from the University of Ulster. His early experience was in the materials handling and lift truck industry. This involved designing bespoke tooling, jigs, fixtures and product within manufacturing and assembly conditions with heavy involvement in designs suited to CNC milling/lathe, 3D printing and fabrication processes. He has also been involved in projects focusing on continuous improvement, health and safety and poka-yoke, offering design solutions and process developments alike. Darren has worked within a wider range of sectors, including health & sports, agriculture, television & film, jewellery, road safety, motorsports, food etc. Darren is capable of taking a broad range of designs from concept stage, through to manufacture with his comprehensive approach and experience with various design packages.

✉ [haugheyd@src.ac.uk](mailto:haugheyd@src.ac.uk)



## Peter Monaghan, Sustainable Build & Digital Construction

Peter is a Chartered Architect with over 25 years' experience in the construction industry. He is a Certified Passive House Designer and BRE trained in Building Information Modelling (BIM). He is chair of the BIM Task Group for the Royal Society of Ulster Architects and a member of the Northern Ireland BIM Steering Group. Peter is currently an innovation specialist in Digital Construction and he is currently implementing BIM across SRC's new and existing estates projects. He is part of the SRC procurement team who won the UK Go Awards for Procurement and Innovation. Peter has delivered industry training to Royal Society of Ulster Architects and Construction Employers Federation. He is also a member of the BIM Hub Steering Group for Northern Ireland. Peter is also involved in Augmented Reality/Virtual Reality Programmes within the college.

✉ [monaghanp@src.ac.uk](mailto:monaghanp@src.ac.uk)



## Jimmy Moore, Business Process Improvement

Jimmy is a Lean Manufacturing Specialist who has worked in a range of industries in a leadership capacity and has led positive change in each of these. Jimmy can help your business in the following areas; business analytics and data extraction, Inventory, purchasing and supply management tools, production efficiency tracking tools and techniques e.g overall equipment effectiveness and lean manufacturing principles and process improvement techniques.

✉ [mooreji@src.ac.uk](mailto:mooreji@src.ac.uk)