



Research Lifecycle Programme / The change projects

What is the Research Lifecycle Programme (RLP)?

Here are a few ways in which the programme aims to improve support through the different phases of your research lifecycle:

1.

"I have an idea but I need to find people who can help me with an area that is not my strength."

The Research Lifecycle Programme (RLP) is working on enabling better internal **networking** and discovery of potential partners. Researchers will have access to tools that make **collaboration** easier from editing manuscripts to meeting and exchanging ideas. **Innovation communities** are also being formed, around technologies and research interests, where researchers can draw on experience from others across different disciplines.

2.

"I need to think about what computational resources and other tools I need so I know what costs I need to include in my grant."

The RLP has put **high performance computing** in place and is looking to get more. Every year, the team is speaking to researchers and **increasing compute capacity and resources** and also will be providing a service to help researchers locally set up **edge computing** where that is a proven requirement. The programme has **even set up agreements to purchase cloud compute capacity** using finance codes, allowing researchers to buy cloud cheaper through bulk discounting through the University.

3.

"I need to write a grant, but it's so difficult getting costs for research staff, equipment and infrastructure."

Researchers will have access to a **costing tool** to plan and cost research more efficiently, and will not need to use so many different systems. Researchers will also benefit from having good information and intelligence about **funders and partners**.

4.

"I can't proceed with my grant application without an ethics and data management plan."

The RLP is working on improving the **end-to-end processes for research support** so researchers can have more timely support in progressing virtual paperwork. The programme also will establish a **service to manage restricted data** so researchers do not have to do it from scratch.

5.

"Yes! I got my research grant. Now I have the pain of keeping tabs on my spending and resources and continuously provide my manager with updates."

The **costing tool** will give researchers up to date information about the finances of their project. The RLP will also integrate the costing tool into a single **research support interface**, so information from various systems will be more accessible.

6.

"Life is good. I am finishing my project but I still need to write the project report and report to my funders."

With a few clicks, the **costing tool** will provide researchers with final financial reports. It will also be a lot easier to report to funders on the output data, as the RLP will be setting in place a repository to **improve access, export and preservation of data**.

words in bold are the names of RLP projects

From costing the initial grant to writing the final report and everything in between

GIS Innovation Community

49 members

FBMH - Health Sciences

FBMH - Health Sciences - Informatics, Imaging & Data Science

FBMH - Health Sciences - Population Health, Health Services

FHUM - Arts, Languages & Cultures

FHUM - Environment, Education & Development

FHUM - Social Sciences

FHUM - Social Sciences - Cathie Marsh Institute for Social Research

FHUM - Social Sciences – Criminology

FSE - Engineering - Computer Science

FSE - Engineering - Mechanical, Aerospace & Civil Engineering

FSE - Natural Sciences - Earth & Environmental Science

S - Library

S - Research IT

S - Research Office

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**INNOVATION
COMMUNITY
RESEARCH FUND**

CLOSING DATE: 16 MARCH

For application process and further info, visit:
www.rlp.manchester.ac.uk/innovation
innovation@manchester.ac.uk

Research Lifecycle Programme / The change projects / Design a research IT innovation community (Q)

Innovation Community Research Fund

The Innovation Community (IC) are holding an innovation competition to give researchers the opportunity to kick-start their research ideas.

Do you have a collaborative research idea that uses technology? Do you need some funding to start it? Apply to the Innovation Community's (IC) Research Fund competition to win some seed funding. The funding prize pot is £10,000, to be shared between two to four projects.

To apply, applicants will need to submit an application form which will be peer reviewed by a cross-faculty panel. The shortlisted projects will then be invited to a showcase event on 23 April, which will be open to all researchers and staff around the University to attend. The panel will then select the successful projects to receive funding at this event.

To qualify to enter the competition:

- Your research idea should relate to one of the Innovation Community themes: Virtual and/or Augmented Reality, Additive Manufacturing, Mapping & Geographic Information Systems (GIS), Robotics & AI, Imaging & Visualisation or Drones.
- Applications with cross-department component(s) will be favoured.
- You will need to be available on 23 April to present your idea at the showcase event, if shortlisted

Have an interesting idea but haven't been to an IC meeting yet? It's not too late. You can find collaborators at the IC meetings in February and March. The Innovation Communities meet on a monthly basis. If you would like to find potential research collaborators from other disciplines that you feel may compliment your research, you can find more information on the Innovation Community webpages below.

Applications are open until Monday 16 March. For further information, please see below:

- [Innovation Community Research Fund – Application Form](#)
- [Innovation@manchester.ac.uk](mailto:innovation@manchester.ac.uk)

Innovation Community Competition Application

Competition Rules

Your research idea should relate to at least one of the Innovation Community themes:

- Additive Manufacturing
- Drones
- Imaging & Visualization
- Mapping & Geographic Information Systems (GIS)
- Robotics & Artificial Intelligence (AI)
- Virtual and Augmented Reality (VR/AR)

An inter-department application will be looked on favourably as will the innovative nature of the proposal. The total prize fund is £10k to be shared by 2-4 applications, so a maximum application of £5k is expected.

The funding secured from this competition can be used to seed fund a specific piece of research through, for example, the purchase of equipment or equipment time, research software engineer time etc.

The shortlist will be chosen after the deadline date, which will be reviewed by peers from the three faculties. Applicants will be notified whether their application has been successful by Wednesday, 25 March.

A member from the shortlisted applications must be available to present at a showcase event on Thursday 23 April to secure the funding. Unsuccessful applicants and any members of the University are welcome to attend by signing up through Eventbrite nearer the time.

The winning projects will be expected to provide a report outlining the outcomes of their project by 1 October 2020.

Competition Timeline

To help with planning, please email an expression of interest to innovation@manchester.ac.uk by Monday 2 March, 2020 and please email your application to this address by the deadline.

Activity	Date(s)
Competition closes	Monday 16 March
Submission review and shortlisting: Cross-faculty panel reviews application submissions	Tuesday 17 March – Monday 23 March
Applicants informed whether proposal has been shortlisted: Projects which have been shortlisted are informed and invited to present at the IC Showcase event	Tuesday 24 March – Wednesday 25 March
Projects presentation prep: Shortlisted projects prepare their presentation for the panel	Wednesday 25 March – Wednesday 22 April
IC Showcase Event: Shortlisted projects present at the IC Showcase event in front of panel and event attendees	Thursday 23 April

The deadline for applications is 9am, Monday 16th March

Contact the Innovation Community Team (innovation@manchester.ac.uk) if you have any questions about this call or the Innovation Community Project

Innovation Community Competition Application

1. Project title:

2. List of applicants and UoM Faculty/Department

3. Provide a brief description of your proposed research study including appropriate background, theoretical motivation, methods and objectives (<2 pages of A4, including figures).

Applications assessed
monthly



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Flying Starter Award

Helping you get your innovative
business idea off the ground

Do you have an innovative business idea?
Are you a member of staff at The University of Manchester?

Apply today for up to £2,000 to test the viability
of your business idea

- < StaffNet
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Get your business ideas off to a 'Flying Start' in 2020

10 Jan 2020

A new year brings new inspiration and at the Masood Enterprise Centre (MEC), based within the Alliance Manchester Business School, you have the opportunity to get your innovative business ideas off to a Flying Start



In addition to funding you will also have access to



Informative workshops to hone your business case



A range of mentoring opportunities to ensure your enterprise continues to flourish



Access to online networks and memberships

Open to all staff at The University of Manchester

Awards available every month

Don't delay apply today!

For more information and to request an application form please contact enterprise@manchester.ac.uk using the subject line: Flying Starter Award

One-to-one support is available to assist you with application form



Are you a member of staff with an innovative business idea? Then apply today for a 'Flying Starter' award of up to £2,000 to test its feasibility.

Awards are available every month until the end of the current academic year.

Funding from £500 – £2,000 is available for you to test your idea, find out if it is viable, learn more about what is needed to progress the idea and even create a prototype product.

Support can be provided to assist you with your application form.

For successful award winners, informative workshops are available to hone your business cases together with a range of mentoring opportunities to ensure your enterprises continue to flourish.

Please note: this funding opportunity is open to University of Manchester staff only.

For more information or to obtain an application form, please email enterprise@manchester.ac.uk using the subject line: Flying Starter Award



Students

The University of Manchester



Masood
Enterprise
Centre

Venture Further

Annual business start-up competition

Here's your chance to win £12,000 and make it a reality!

Visit: manchester.ac.uk/venturefurther

Deadline: Sunday, 8 March 2020



Thomas Ashton Institute

About

Our aims

News and events

Contact us

Integrity and Risk in Additively-Manufactured Components

1 February 2020

Additive manufacturing (AM) is set to revolutionise production chains and reduce costs across several industrial sectors including nuclear, oil and gas, power, petrochemical and medical devices.

However there is a pressing need to develop regulatory, inspection and assurance regimes to support this progress.

We invite you to join other professionals from industry, academia and regulatory bodies such as HSE to identify and discuss the key issues around managing risks in AM. Areas for discussion will focus on:

- challenges in materials integrity
- assessment and assurance methodologies
- the adequacy of inspection methods
- design code development and use

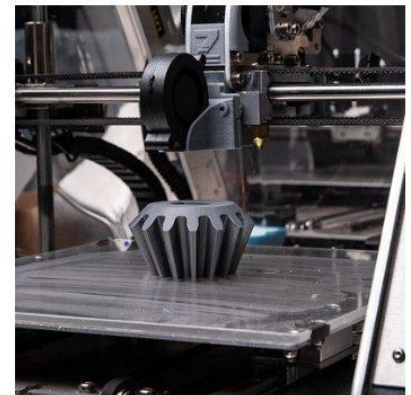
We aim to identify cross-sectoral issues and plan technical and guidance strategies to define a path by which the AM revolution can be safely navigated through better research and regulation.

Programme details and booking information will be published soon – please email ashton@manchester.ac.uk to register for this event:

Workshop - Integrity and Risk in Additively-Manufactured Components

Monday 18 May, 2020
9:00 am - 16:00pm (including a networking lunch)
[Barnes Wallis Building](#)
The University of Manchester

[Return to the full list of news stories.](#)



<https://www.ashtoninstitute.ac.uk/about/news-and-events/headline-756082-en.htm>

CITIES & ENVIRONMENT



Theme Lead: **Professor Richard Kingston**

Scope of Theme

Digital technologies, including sensor networks, data analytics and agile control systems, have the potential to transform cities, and the lives of those who live and work in them, by helping us better understand, plan and manage them. Working closely with Greater Manchester, we will take a broad multidisciplinary approach to address the challenges, bringing together science and engineering, behavioural psychology, social science, public policy, and social geography with expertise in health, social services and other

public services. The theme includes:

- Integrated transport
- Building management & energy efficiency
- Water and waste management
- Digitally enabled public services
- Air quality monitoring
- Spatial analytics
- Communities and citizen engagement

Strengths

Manchester has a strong track record of Urban research which draws on the city of Manchester's unique place at the epicentre of industrial capitalism and the city's response to 21st century devolution – which will potentially bring far reaching consequences for those living in Manchester and beyond.

Our Smart Cities projects integrate multiple solutions to manage a city's systems securely including transportation systems, health, environment and more.

Upcoming Events:

Thursday 12th December – Cities & Environment Research Ideas Workshop.

<http://www.digitalfutures.manchester.ac.uk/what-we-do/societal-challenges/cities-environment/>



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The Manchester Urban Institute

The Manchester Urban Institute (MUI) is home to a number of interdisciplinary research agendas and themes.

[LEARN MORE >>](#)

triangulum

DEMONSTRATE · DISSEMINATE · REPLICATE

Triangulum Project

Triangulum is a €25 million Horizon 2020 project funded by The European Commission to demonstrate cutting-edge smart city technologies.

[LEARN MORE >>](#)



Spatial analysis

ICT and geographic information systems have given rise to many exciting projects. Examples of current projects include: location analytics: pinpointing the vital information, connections and patterns

[LEARN MORE >>](#)

cityverve

The CityVerve Project

Manchester became a world leader as the UK's first city to demonstrate the use of Internet of Things technologies at scale, to revolutionise and improve city services.

[LEARN MORE >>](#)



Living Lab

The University Living Lab is developing the University of Manchester campus as a site for applied teaching and research around sustainability and low carbon.

[LEARN MORE >>](#)



Energy

The University of Manchester is pioneering the energy systems of the future so that we can continue to heat our homes, light our buildings and travel.

[LEARN MORE >>](#)



Air Quality

The Centre for Atmospheric Science studies processes important to climate change and air quality.

[LEARN MORE >>](#)

Open workshops: Compute capacity and resources



- Annual open workshops – tell us what compute resources you need
- Researchers of any level are welcome to attend
- May be of interest to those doing computationally intensive research (eg modelling, simulation, data processing etc.)
- 24 March / 26 March / 1 April

Register and find out more: www.rlp.manchester.ac.uk/events

Lunch Event: Managing and sharing research data



- Research information projects
- Manchester Digital Collections
Research Data Management
Highly Restricted Data Service
Research networking and collaboration
- Thursday 19 March – 12:30pm – 2pm

Register and find out more: www.rlp.manchester.ac.uk/events

Question for the community:

Ricardo Climent, Professor of Interactive Music, would like to know if there is any interest in the community regarding a project that he has been working on. Please read the following brief outline and get in touch with him on the email below if you are interested. Thanks.

We are looking at ways to merging GIS data with geolocate narratives to provide further meaning to Maps and data visualisation, as suppose to just concentrate on usual geolocate soundwalks with location-aware devices, like other companies do; E.g. <https://echoes.xyz> (a company started by a former PhD student)

The small geolocate company is called sonicmaps <http://sonicmaps.org/> and I've been actively involved as an advisor, including financing recent development with my own Culture Europe grant.

I started this geolocate research at NOVARS back in late 2010 and it is mostly (badly) documented here: <http://locativeaudio.com/>

And our data sonification research is also amalgamated here: <http://audification.com/>

It would be thrilling to get to know whether someone in the UoM GIS community can see a value on merging/adopting the sonicmaps concept.

Professor of Interactive Music | Director of the NOVARS Research Centre
The University of Manchester | +44 (0)161 2753246 | ricardo.climent@manchester.ac.uk
Immersive media work at game-audio.org