**University of Glasgow EPSRC IAA video on Responsible Innovation**

* Total time 6 min 54 seconds.

[00:00] <music> Title 1 - EPSRC Impact Acceleration Account 2020-2022

[00:05] <music> Title 2 – Adopting Responsible Innovation to Accelerate Your Route to Impact

[00:12] – Jillian Couto-Phoenix - “Hi I’m Jill Couto-Phoenix and I’ve been working with the University of Glasgow’s EPSRC Impact Acceleration Account team to curate information on how you can use the EPSRC-endorsed framework for responsible innovation to accelerate your route to impact. Our goal is to provide you with some practical knowledge of what responsible innovation is to help you embed it into your impact plan. But first here’s Keith Dingwall to outline the strategic goals of the Impact Acceleration Account.”

[00:42] <music> Title 3 – IAA Strategic Aims

[00:48] Keith Dingwall – “The strategic aim of theUniversity of Glasgow’s ESPRC impact acceleration account is to increase the global impact of the university via greater levels of external engagement and entrepreneurship. We’re delivering this by building on previous IAA supported activities and focusing on four core objectives:

* Networking & Relationship Building.
* Funding Mechanisms, so for example, the deployment of IAA funds to support individual PI-led projects.
* People Support, so for example, the delivery of workshops for early career researchers focused on follow-on funding mechanisms.
* Training, professional development for researchers, focused on impact creation.”

[01:35] <music> Title 4 - Types of IAA projects and activities

[01:49] <music> Title 5 - now that we know the strategic aims

[01:53] <music> Title 6 - where does RI fit in?

[01:57] <music> Title 7-9 – Responsible innovation is a framework to support external engagement and impact, and thus fits well with the IAA.

[02:11] “Responsible innovation is a set of concepts for connecting developers of new science and technology with their end-users when these technologies being developed are at their early stages. These individuals can then work together to co-develop this technology for greater societal impact.”

[02:30] “In practice, this is about the process of taking new knowledge and creating value from it in the real world.”

[02:39] As researchers we are more familiar with generating new ideas and knowledge. However, to plan for and have impact, it is a good idea to know a bit about the difference between the research process and the innovation process.”

[02:54] <music> Title 10-11 – Planning for impact? If so, do you know the different between research and innovation?

[03:03] “Research is the process of creating new and original knowledge. Innovation, on the other hand is the process of turning this new knowledge into a solution to better extract value for the end user.”

[03:13] “Therefore, every time we generate new knowledge that has the potential to add value or to solve a problem in society, then we need to start thinking of the innovation process.”

[03:29] “Responsible innovation is part of this process, as it helps you anticipate how your research might fit into and potentially add value to the world beyond academia.”

 [03:33] “It helps you consider the long-term technical and social implications of your research.”

[03:47] “How will your research be used? Who will benefit? Who will decide how it gets used? What are the risks involved?”

[03:58] “Importantly, once you have an idea of these risks, you can innovate responsibly by engaging early with a wide set of stakeholders who are individuals you can draw from the innovation ecosystem.”

[04:11] “You can think of this as a set of interconnected places with information and people flowing around the space. You can engage to first anticipate the potential risks the technology might pose, and then work together to try and mitigate these risks.

[04:26] “Thus, by identifying and engaging with stakeholders early on during the process of taking your new knowledge or research and creating value from it, you are using responsible innovation to accelerate the path of your research to becoming an innovation.”

[04:42] “It is important to note that the uniqueness of responsible innovation comes from the fact that a society’s needs should be considered early on in the research to innovation process.”

[04:54] “In practice, this means that as a researcher you will need to develop an awareness of the public’s opinion of the issues directly affected by your work.”

[05:05] “Reaching the public is a challenge. However, there are bodies you can engage with that represent the public.”

[05:12] “For example, charities, regulators, policymakers and government engagement departments.”

[05:19] <music> Title 12 – Pro tip

[05:26] “There are also researchers within the university in the business school, humanities, geography and social sciences, to name a few, who have a good understanding of how to reach the public. Therefore, you might find that working collaboratively with one of these colleagues will help you plan better for impact. Importantly, this will make a good case for support for Impact Acceleration Account funding.”

[05:48] <music> Titles 13 – 15 - Two actions are key to putting responsible innovation into practice: 1. Anticipate risk, 2. Engage widely by talking and listening.

[06:03] “We have created a handbook to help you plan for impact by using an EPSRC-endorsed responsible innovation framework known as AREA.”

[06:14] “The handbook contains a brief explanation of the framework, followed by a set of questions to help you anticipate risks and then think about and develop a strategy to mitigate this risk by identifying and engaging with stakeholders.”

[06:28] <music> Title 16-17 – Contact us for questions. University of Glasgow EPSRC IAA team contacts.

[06:37] <music> end credits.

[06:54] – end.