PhD Supervisor interests 2018-19

This list is not exhaustive, but offers examples of areas where MIOIR academics are interested in supervising PhDs in 2018-19. To check the interests of other MIOIR academics, please see their profiles online.

Kate Barker is presently working on the topic of understanding the impacts of research, and currently is on the management committee of the ENRESSH COST European network on evaluation of social science and humanities research. Research topics in this area which focus on the dynamics of research and user communities and on the conditions for the uptake and use of the social sciences and humanities outside academia are strongly welcomed. Proposals in other areas of science and innovation where processes of impact can be probed would also be of interest. Other topics in research and innovation policy include the changing role of government laboratories from an organizational and sectoral viewpoint. Kate also works on social enterprises – current PhDs are on approaches to measure the social impact of social enterprises and the development of impact investing.

Jakob Edler has published and supervised students in the area of innovation and science policy as well as innovation strategy and management. He is open to any exciting ideas in his area of expertise, in particular:

- New forms of governance of transformation of socio-technical systems
- Innovation policy for a purpose – supporting innovation to support societal missions
- International governance and funding of science
- Understanding impact of science on policy and society
- The role of foundations in science funding
- The changing role of innovation agencies

Kieron Flanagan has supervised doctoral students working on a range of S&T policy and innovation studies topics. His main supervisory interest is in the broad area of science and technology policy, especially where the focus is on the policy-making process or policy dynamics (for example the role of scientists, expertise and evidence in policy making, and more generally how the agency of actors, including policy and institutional entrepreneurs but also policy targets and implementers, affects public policy and its outcomes). He is also interested in critical work on ‘foundational’ and often taken-for-granted concepts in the area of S&T and innovation policy (for instance the 'systems of innovations' concept). He is interested in supervising work on sub-national (regional and local) science and innovation policies, especially as they relate to the kinds of dynamics described above. He is also interested in supervising work on scientific research careers and the international mobility of researchers, and in work on the public communication of science and technology policies (e.g. by journalists and commentators). Finally, on the innovation studies side he is interested in supervising doctoral research on innovation dynamics in non technology based or creative service sectors. He is not available to supervise in the area of information systems implementation and urges prospective students to consider his excellent colleagues in the School's Management Sciences Group.

Dimitri Gagliardi is currently working on ICT-Enabled/Digital Social Innovation and on Medical Innovation. Research on ICT-Enabled / Digital Social Innovation concerns with the development and application of new public/private social services theories to the Social Policy Innovation framework. Research on Medical Innovation centres on the understanding of the micro-dynamics affecting pharmaceutical, diagnostics,
medical and healthcare innovation. Dimitri will welcome research proposal in the areas of interest and in complementary areas such as innovation and business dynamics in sectors such as Science, ICT, Pharmaceutical and high tech/knowledge intensive sectors; economics of innovation; science, technology and innovation (STI) management and policy.

Abdullah Gok is currently co-supervising PhD researchers studying approaches to responsibility in synthetic biology research and innovation, corporate decision making for responsible innovation and emergence of social innovation. He previously supervised students studying evaluation of innovation policy and innovation in oil and gas sector in Brazil. He is interested in supervising further PhD students, any prospective PhD students are encouraged to contact him directly.

Khaleel Malik has supervised doctoral students working on a range of innovation management and innovation policy topics. Khaleel’s research work engages with a variety of organisations including industrial firms, public and private sector bodies.

One of Khaleel’s main supervisory areas of interest is to examine the effective management of technology transfer between large, distributed teams within multinational companies. Especially identifying the various elements that can impede knowledge transfer, for example the role of attitudes and the barriers posed by insufficient absorptive capacity at the individual and unit levels. Khaleel is also interested in supervising research topics in the areas of ‘open innovation’ and ‘university-industry collaborations’, especially the extent that such collaborations impact on firm level innovation in developing countries.

Krassi Paskaleva would welcome applications from candidates interested in smart cities, particularly considering issues of co-production and governance.

John Rigby encourages applications for study at PhD level from those with an interest in the evaluation of science, technology and innovation programmes and especially from those wishing to conduct research on funding bodies and their role in the development of knowledge. He would look upon applications using bibliometric methods with great interest. He would also be interested in supervising students wishing to examine the operation of pre-commercial procurement policies and programmes.

Philip Shapira has a strong track record in the successful supervision of doctoral and post-doctoral students, engaging them in team research and publication opportunities. He encourages prospective and well-qualified students interested in doctoral (PhD) study to contact him to discuss their research ideas, particularly if they are interested in research on the following topics:

- Emerging technologies and responsible innovation, including in synthetic biology
- Next generation manufacturing, digital fabrication, and prospects for redistributed manufacturing
- New strategies for technology diffusion and regional innovation
- International university research ventures
- New innovation models for inclusive and sustainable development: design and build
- New innovation models: social innovation