

## Job Description

Job title	Pathways to Knowledge Fellow
Department	Institute of Advanced Study
Grade	FA7 (Assistant Professor)

<p>Job purpose (a brief summary of the role)</p>	<p>The pathways to knowledge (P2K) fellows will challenge the foundations of knowledge in specific fields and seek to determine whether biases (religion, culture, politics, customs and beliefs, normativity, researcher competition, and non-human methodologies – such as AI) have negatively affected the generation of evidence-based knowledge.</p> <p>P2K fellows will choose specific questions and “challenge the state of the art” by determining whether missed opportunities have prevented the acquisition of knowledge and will seek to recalibrate the target field towards a more balanced and evidence-based approach to knowledge development, employing the best interdisciplinary research approaches. P2K fellows will also seek to answer the question whether biases—due for example to gender, national origin, language, and race—have led to wrong attribution of key transformational advances and will help to more accurately attribute discoveries to practitioners and practices.</p> <p>We are not prescriptive of topics of research but interested in getting the best minds to the University of Warwick Institute of Advanced Study to advance human knowledge.</p> <p>The expectation is that the fellows will use the fellowship to undertake a significant piece of innovative, interdisciplinary research and to produce high quality publications. In addition, fellows will be strongly encouraged to contribute towards developing new curricula for undergraduate and graduate teaching (in Warwick and / or in their home institutions following the fellowship) as well as to work with the Warwick Institute of Engagement to develop outreach activity linked to their research.</p> <p>Fellowships are for one year and will be based at the Institute of Advanced Study (IAS) at the University of Warwick. The Fellowships are open to any researcher who has a PhD and more than five years postdoctoral experience from senior research fellows to full professors as we wish to support the development of exciting new thinking rather than focus on specific career stages.</p> <p>The fellowship includes a salary (starting at £45,585/year) and a budget to cover research costs (£5k for laboratory-based projects &amp; £2.5k for non-laboratory projects). Applicants who wish to conduct laboratory-based work will need the support of an academic with the necessary facilities in an appropriate department at Warwick. Applicants would be expected to be seconded to Warwick from their current institution for the period of the fellowship. Current Warwick researchers and academics from all tracks (R, T, R&amp;T) are also encouraged to apply.</p> <p>We welcome applications from “individual applicants” and “applicant pairs” who investigate research questions and challenges from the perspective of different subject areas (ideally combining two or more of these disciplinary areas: arts, humanities, social sciences, natural sciences, engineering, and medicine).</p> <p>Applicants must have the right to work in the UK at the start of the fellowship.</p> <p>For full information on the fellowships, including guidance for applicants and how to apply, please see the P2K website at <a href="https://warwick.ac.uk/fac/cross_fac/ias/p2k/">https://warwick.ac.uk/fac/cross_fac/ias/p2k/</a></p>
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Duties and responsibilities	<ul style="list-style-type: none"> <li>• To undertake a significant piece of original research within the theme of Knowledge Creation. Fellows may be from any disciplinary background, but the research proposed should be interdisciplinary in nature and should seek to either question existing disciplinary thinking or examine how new knowledge is created and how the means of creation and cultural and geographical factors can impede or enhance this process.</li> <li>• The production of significant new publications (and other academic outputs) from the P2K research project.</li> <li>• Participating fully in the academic life of the Institute of Advanced Study and developing interactions with other IAS fellows including our postdoctoral community and visiting fellows from around the world. Activities within the IAS will include participation in research seminars and other IAS events and mentoring postdoctoral fellows with similar disciplinary backgrounds.</li> <li>• Developing wider connections at Warwick. P2K fellows will be based in the IAS but will be able to develop connections with other academic departments at Warwick. This may be in order to explore new collaborative research projects either within or across disciplinary boundaries, or to deliver teaching to Warwick students based on their own expertise. (Teaching will not be a significant part of the fellowship and such activity should be limited to a small number of guest lectures.)</li> <li>• Connecting with Warwick Institute of Engagement to explore innovative ways of taking the outcomes of their P2K project to wider audiences.</li> </ul>
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#### Person Specification

*The Person Specification focuses on the essential and desirable knowledge, skills, experience and qualifications required to undertake the role effectively. This is measured by (a) Application Form, (b) Test/Exercise, (c) Interview, (d) Presentation.*

Essential Criterion No.	Essential Criterion Description	Measured by
E1	A PhD with at least 5 years postdoctoral experience.	A
E2	A track record of innovative research and associated publications.	A
E3	A strong interdisciplinary research proposal within the remit of the P2K fellowships programme.	A,C & D
E4	Teaching experience at Undergraduate or Masters level.	A & C

Desirable Criterion No.	Desirable Criterion Description	Measured by
D1	Experience of outreach or engaging audiences beyond academia.	A & C