



**CoR**  
THE COLLEGE OF  
RADIOGRAPHERS

Please ensure that you are familiar with the information and caveats contained on the [Log of live member research web page](#) prior to completing this form.

Please provide the following information:

1. Dates that the research project will be live.

From: 21/07/2024 To: 08/09/2024

2. Name and contact details of SoR member.

Name: Jessica Webb  
Email: jaw255@student.aru.ac.uk

3. Information to be displayed on the Log of live member research web page:



To access survey please scan  
QR code:



## **Reviewing digital literacy in the diagnostic radiographer workforce to enhance resilience to Artificial Intelligence (AI) implementation.**

This research project is looking for diagnostic radiographers to participate in an online survey to investigate the current state of digital literacy in the radiographer profession with the aim to enhance the resilience of the radiographer workforce in implementing artificial intelligence practices.

Previous research and NHS reviews have recommended that NHS healthcare professionals develop their digital literacy skills, however, there has been no research examining the digital skills of radiographers or how radiographers are being supported to develop their digital skills within the workplace. This project will look specifically at radiographer digital literacy and whether this presents as a vulnerability affecting artificial intelligence implementation and service provision.

Your opinions and experiences are valuable in assessing current radiographer digital literacy. Findings from this study will be used to develop recommendations and development of a strategy to enhance radiographer resilience, including the development of specific radiographer educational aids, and support improvements of AI implementation on radiographer working practice.

Participation will involve anonymously answering an online survey, which should take no longer than 25 minutes to complete.

This research is being conducted by Jessica Webb, Diagnostic Radiographer undertaking a research project as part of MSc Healthcare Management at Anglia Ruskin University. If you have any questions please contact Jessica at [jaw255@student.aru.ac.uk](mailto:jaw255@student.aru.ac.uk)

To participate in the research please access the survey through the following link: <https://app.onlinesurveys.jisc.ac.uk/s/angliaruskin/digital-literacy-in-radiographer-workforce> or via the QR code at the top of this page.

Thank you for your support



## **PARTICIPANT INFORMATION SHEET**

### **Section A: The Research Project**

#### **1. Title of project**

Digital literacy in radiographer workforce and resilience to AI implementation

#### **2. Purpose of study**

This research project will investigate the current state of digital literacy in the radiographer profession with the aim to enhance the resilience of the radiographer workforce in implementing artificial intelligence practices. Previous research and NHS reviews have recommended that NHS healthcare professionals develop their digital literacy skills, however, there has been no research examining the digital skills of radiographers or how radiographers are being supported to develop their digital skills within the workplace. This project will look specifically at radiographer digital literacy and whether this presents as a vulnerability affecting artificial intelligence implementation and service provision.

Findings from this study will be used to develop recommendations and development of a strategy to enhance radiographer resilience, including the development of specific radiographer educational aids, and support improvements of AI implementation on radiographer working practice.

#### **3. Who is the researcher?**

This research is being conducted by Jessica Webb, Diagnostic Radiographer undertaking a research project as part of MSc Healthcare Management at Anglia Ruskin University. This research is being supervised by Dr Nebil Achour.

#### **4. Why have I been asked to participate?**

You are being asked to take part in this study because you are a diagnostic radiographer working in the United Kingdom.

#### **5. How many people will be asked to participate?**

This study is open to all eligible diagnostic radiographers, with an expected target of 90 radiographers.

#### **6. Do I have to take part?**

No, choosing to participate in this research study is voluntary. You can ask questions about the research before deciding whether to take part. You do not have to provide a reason if you choose not to complete the questionnaire.

**7. Has the study got ethical approval?**

Ethical approval has been granted by the Faculty of Health, Medicine and Social Care, School Research Ethics Panel (FHeMS, SREP) at Anglia Ruskin University.

**8. What will happen to the results of the study?**

The research will be written up for the final major project of the MSc Healthcare Management degree. It may be published at a later date in a peer review journal.

**9. Contact for further information**

If you have any questions related to this research, please contact Jessica Webb at [jaw255@student.aru.ac.uk](mailto:jaw255@student.aru.ac.uk)



## Section B: Your Participation in the Research Project

### 1. What will I be asked to do?

You will be asked to complete an online survey and will be asked questions on the following topics:

- Professional characteristics
- Organisational learning culture and your engagement to learning
- Personal experiences with digital literacy and AI
- AI and digital technologies training and development opportunities

This survey should take up to 25 minutes to complete .

### 2. In relation to this specific research project, we need to make you aware of the following:

<input type="checkbox"/>	We do not need your personal data at any stage of this research project	
We are responsible for the personal data you give to us as a:		
X	<b>Data Controller</b> (We are in sole control over the research)	Who are we? - ARU  All data will be stored on ARU OneDrive system. It will be accessed only the researcher (and potentially supervisor).
<input type="checkbox"/>	<b>Joint Controller</b> (Where ARU and another organisation are working together on research)	With:
<input type="checkbox"/>	<b>Data Processor</b> (Where the data will belong to another organisation and ARU is being engaged under contract/agreement to conduct the research and provide an outcome but has no rights over the personal data)	On behalf of:

### 3. I will be asking you for the following information:

Personal Data		Sensitive Personal data	
<input type="checkbox"/>	Name/Contact details	<input type="checkbox"/>	Image (photo or video)
<input checked="" type="checkbox"/>	Age	<input checked="" type="checkbox"/>	Experiences
<input checked="" type="checkbox"/>	Location data	<input checked="" type="checkbox"/>	Opinions
<input type="checkbox"/>	Employment & Earnings	<input checked="" type="checkbox"/>	Gender
<input type="checkbox"/>	ID Numbers (e.g. NHS)	<input checked="" type="checkbox"/>	Qualification level
<input type="checkbox"/>		<input type="checkbox"/>	Racial/Ethnicity data
		<input type="checkbox"/>	Political/Religious beliefs
		<input type="checkbox"/>	Trade Union membership
		<input type="checkbox"/>	Genetic/Biometric data
		<input type="checkbox"/>	Health

<input type="checkbox"/> Online identifier	<input type="checkbox"/> [Other]	<input type="checkbox"/> Sex life/orientation data
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**4. What will happen to your data?**

A minimal amount of personal data is collected from you which is related to objectives of the research project. No unnecessary or unrelated personal data will be collected. The data collected is anonymised. This means that there are no personal identifiers that will lead to you being identified from the information you provide in the survey. Research data will be processed in the United Kingdom and this will comply with the Data Protection Act (2018) and with the UK General Data Protection Regulation (GDPR), 2016.

The provided questionnaire is completed online through 'JISC Online Surveys', who will act as survey provider for this research project. Please see following link for JISC Online Surveys site's privacy policy – <https://www.jisc.ac.uk/website/privacy-notice>

Data will be held by the survey provider until the survey close date. After the survey date has passed, data will be removed from Online Surveys and will be securely stored on the Anglia Ruskin OneDrive system. This will be securely destroyed from OneDrive on completion of research project. Data will only be accessed and viewed by the researcher and research supervisor.

**5. Are there any possible disadvantages or risks to taking part?**

There is a risk that you may become bored or fatigued when completing the online survey, however this has been considered when creating the survey. The survey has been kept concise to prevent this.

**6. What are the likely benefits of taking part?**

By participating in this research, it is hoped that recommendations will be developed to enhance radiographer resilience, including the development of specific radiographer educational aids. This will contribute to supporting improvements of AI implementation in the radiographer profession.

**7. What will happen to my data?**

**Our general privacy notice explaining our use of your personal data for research purposes is available here:**

<https://www.aru.ac.uk/privacy-and-cookies/research-participants>

**Please visit this link for information about how long we keep your data, how we keep your data secure, how you can exercise your rights over your data, and make a complaint over our use of your data.**

**8. Can I withdraw my data from the study?**

The information I collect from you will be anonymous. This means that I will not be able to remove your

data, because I will not know which belongs to you.

#### 9. Summary of research findings

If you would like to receive a summary of research findings once the study is completed, please contact Jessica Webb, researcher at [jaw255@student.aru.ac.uk](mailto:jaw255@student.aru.ac.uk)

#### 10. Contact details for complaints

If you have any complaints regarding the research, please contact Dr Nebil Achour at: [nebil.achour@aru.ac.uk](mailto:nebil.achour@aru.ac.uk) in the first instance for informal resolution.

If you require further assistance with your complaint, please contact ARU:

Email address: [complaints@aru.ac.uk](mailto:complaints@aru.ac.uk)

Postal address: Office of the Secretary and Clerk, ARU, Bishop Hall Lane, Chelmsford, Essex, CM1 1SQ

## Return of completed form

Please return the completed form to Dr Tracy O'Regan via [tracyo@sor.org](mailto:tracyo@sor.org)