Dr Samer Alabed

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QUALIFICATIONS

2024	**CCT** - Certificate of Completion of Training in Radiology	General Medical Council
2023	**PhD** - AI in cardiac MRI	University of Sheffield
	❱ Thesis: AI in cardiac MRI to predict prognosis and treatment response	
	❱ Supervisors: Professor Andy Swift and Professor Haiping Lu	
2021	**FHEA** - Fellow of the Higher Education Academy	Higher Education Academy
2020	**PgCert** - Medical Education	University of Dundee
2019	**MSc** - Clinical Research Methods (Distinction)	University of Sheffield
2018	**FRCR** - Fellow of the Royal College of Radiologists	Royal College of Radiologists
2013	**MSc** - Evidence Based Health-Care	University of Oxford
2011	**MD** - Medical Degree	Damascus University

RESEARCH EXPERIENCE

2024-	**NIHR BRC Senior Clinical Research Fellow in Radiology**	University of Sheffield
	❱ >100 publications with a third as lead or senior author	
	❱ >20,000 citations and h-index of 28	
	❱ >£1m grant funding including >£200k as PI	
2022-24	**NIHR Clinical Lecturer in Radiology**	University of Sheffield
2019-22	**Wellcome Trust Research Fellow in Cardiac MRI**	University of Sheffield
	❱ Data scientist of the ASPIRE cardiac MRI and CT database	
	❱ Helped train, validate and audit deep learning cardiac MRI segmentation	
2014-19	**NIHR Academic Clinical Fellow in Radiology**	University of Sheffield
2010-	**Cochrane Systematic Reviewer**	Cochrane Heart

CLINICAL EXPERIENCE

2024-	**Consultant Cardio Radiologist**	Sheffield Teaching Hospitals
	❱ Cardiac MR level 3 accreditation - SCMR	
	❱ Cardiac CT level 3 accreditation - BSCI	
2023-24	**Advanced Cardiothoracic Imaging Fellowship**	Royal Papworth Hospital
	❱ Supervisors: Dr Bobby Agrawal and Dr Jonathan Weir-Mccall	
2022-23	**Cardiothoracic Radiology Training**	Sheffield Teaching Hospitals
2019-22	**Out-of-Programme for Research**	Sheffield Teaching Hospitals
2014-19	**Core Radiology Training**	Sheffield Teaching Hospitals
2013-14	**Clinical Foundation Training**	Buckinghamshire Healthcare Trust

GRANTS & AWARDS

Principal Investigator

£92,000	AI-enhanced medical imaging reporting	NIHR
£50,000	SYDHH Innovation Pipeline - Patient Friendly Reports	South Yorkshire Digital Health Hub
£27,500	Clinical Lecturer Starter Grant: Automating Cardiac Imaging	Academy of Clinical Sciences
£15,000	Topol Digital Fellowship: AI-enhanced medical imaging reports	NHS England
£3,000	Education, Research and Innovation Grant	Health Education England
£3,000	Constance Thornton for Radiology Research	RCR
£23,500	University of Oxford Saïd Scholarship	The Saïd Foundation

Co-Investigator

£469,272	Pulmonary hypertension induced Right heart failure	British Heart Foundation
£49,998	AI-Assisted Diagnosis of Pulmonary Hypertension	NIHR i4i
£199,946	Building a database of imaging in suspected PH	Janssen Pharmaceuticals
£114,354	Automatic Echo assessment to improve PH diagnosis	Janssen Pharmaceuticals
£10,000	NOAC for myocardial infarction - a network meta-analysis	NIHR Cochrane Incentive Award

Awards

£1500	AI-NET Fellowship - Excellence in AI Research - 2023	DAAD
Winner	NHS Parliamentary Awards - National Awards - 2023	NHS England
Finalist	Digital Innovator of the Year - 2023	HSJ Awards
Distinction	Radiology Editor's Recognition Award - 2022 & 2023	Radiology: RCTI
1st prize	NHS Innovation Award - 2022	Medipex
1st prize	Oral Abstract Winner at RCR Global - 2022	RCR
$1000	RSNA Trainee Research Prize - 2021	RSNA
1st prize	George and Vera Ansell Radiology Prize - 2018	RCR

NATIONAL LEADERSHIP AND TEACHING

Leadership

2025-	BSCI Executive Committee	BSCI
2022-	RCR Academic Committee	RCR
2022-24	BSCMR Co-Chair Trainee Committee	BSCMR
2022-24	BSCI Co-Chair Trainee Committee	BSCI
2022-24	RCR AI working group member	RCR

Teaching

2025-26	Co-organiser BSCI Cardiac Imaging Webinar Series	BSCI
2024	Programme Chair BSCI Annual Meeting	BSCI
2023	Co-organiser BSCMR Cardiac MRI Webinar Series	BSCMR
2022	Co-organiser BCS Cardiac CT course	BCS

IMPACT AND RECOGNITION

Citations in Guidelines

2022	Diagnosis and treatment of pulmonary hypertension	ESC & ERS
2019	Management of patients with supraventricular tachycardia	ESC
2015	Diagnosis and management of pericardial diseases	ESC

Media Coverage

Mar 2025	Fixing the NHS: What Will It Take	BBC Panorama
Jul 2023	MP visits finalists for transformative AI heart disease technology.	The Star
Jun 2023	Sheffield Hospitals heart diagnosis AI wins Future NHS Award	The Star
May 2023	NHS doctors want ChatGPT AI to write patient heart reports	The Daily Mail
Mar 2023	AI can save NHS time and money with heart scans.	The Mirror
Dec 2022	Sheffield NHS heart patients to receive quicker diagnosis	The Star
Dec 2022	AI spots damage on heart scans in seconds.	The Daily Mail

Public Engagement

Sep 2024	"Cor_alis_Choralis" - Festival of the Mind	Sheffield City Centre
Jul 2023	"Heart Art Images" - Shaping the Future	Sheffield Winter Gardens

SERVICE TO RESEARCH COMMUNITY

Editorial	Deputy Editor Radiology: Cardiothoracic Imaging	RCTI
Editorial	Contact Editor Cochrane Heart	Cochrane
Review	>50 high-impact journals peer reviews	Various
Review	>10 national and international grant reviews	Various
Faculty	>5 invited faculty talks	Various

STATISTICAL & CODING SKILLS

Python	Fluent in data management, analysis and visualisation
R	Fluent command in most common statistical tests
SPSS	Fluent command in most common statistical tests
STATA	For diagnostic accuracy meta-analyses
Latex	Typesetting PhD thesis

LANGUAGES

English	Fluent
German	Fluent
Arabic	Fluent