



# FACULTY FULL NAME: Aeshah Althunayyan

POSITION: Assistant Professor

## Personal Data

Nationality | Saudi

Department | Cardiac Technology

Official IAU Email | amalthunayan@iau.edu.sa

Office Phone No. | 31249

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2023	PhD	Queen Mary University London	London, UK
2016	MSc	Imperial College London	London, UK
2012	BSc	University of Dammam	Dammam, SA

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Determining the Optimal Intervention Time for Degenerative Mitral Regurgitation Using Left Ventricle Mechanics
Master	Comparison of Left Ventricle Function in Hypertrophic Cardiomyopathy Vs Hypertensive Heart Disease Using Two- Dimensional Strain Imaging

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal University	March 2023- now
Research Fellow	Barts Heart Centre, St Bartholomew's Hospital, London	2017- 2023
Teaching Assistance	Imam Abdulrahman Bin Faisal University	2013- 2015
Cardiac Technologist	King Faisal University Hospital	July 2012- July 2013



## Scientific Achievements

### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Aeshah Althunayyan, Sahar Alborikan, Sveeta Badiani, Kit Wong, Rakesh Uppal, Nikhil Patel, Steffen E Petersen, Guy Lloyd, Sanjeev Bhattacharyya	Clinical and prognostic implications of cardiopulmonary exercise stress echocardiography in asymptomatic degenerative mitral regurgitation	The American Journal of Cardiology, 2023
2	Aeshah M Althunayyan, Sahar Alborikan, Sveeta Badiani, Kit Wong, Rakesh Uppal, Nikhil Patel, Steffen E Petersen, Guy Lloyd, Sanjeev Bhattacharyya	Determinants of post-operative left ventricular dysfunction in degenerative mitral regurgitation	European Heart Journal - Cardiovascular Imaging, 2023
3	Sveeta Badiani, Jet van Zalen, Aeshah Althunayyan, Sahar Al-borikan, Thomas Treibel, Andrew Marshall, Nikhil Patel, Sanjeev Bhattacharyya, Guy Lloyd	Natriuretic peptide release during exercise in patients with valvular heart disease: A systematic review	International Journal of Clinical Practice, 2021
4	A Althunayyan, SE Petersen, G Lloyd, S Bhattacharyya	Mitral valve prolapse: Review	Expert review of cardiovascular therapy , 2019
5	S Alborikan, A Althunayyan, B Pandya, K Von Klemperer, F Walker, S Cullen, A Bhan, S Badiani, D Encarnacion, Regina Monteiro, SE Petersen, S Bhattacharyya, G Lloyd	Blood biomarkers to detect functional impairment in adult patients with repaired tetralogy of Fallot	International Journal of Cardiology Congenital Heart Disease , 2023
6	Sveeta Badiani, Jet van Zalen, Lesley Hart, Ann Topham, Karen Armado, Ricardo Monteiro, David Hoare, Aeshah Althunayyan, Sahar	132 The additional value of cardiopulmonary exercise testing over conventional treadmill testing in patients with	BMJ Publishing Group Ltd and British Cardiovascular Society. 2019



Borikan, Andrew Marshall, Sanjeev Bhattacharyya, Nik R Patel, Guy Lloyd	moderate to severe aortic stenosis	
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### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Aeshah Althunayyan, Sahar Alborikan, Sveeta Badiani, Kit Wong, Rakesh Uppal, Nikhil Patel, Steffen E Petersen, Guy Lloyd, Sanjeev Bhattacharyya	Clinical and prognostic implications of cardiopulmonary exercise stress echocardiography in asymptomatic degenerative mitral regurgitation	EACVI 2023 , 11 May 2023
2	Aeshah M Althunayyan, Sahar Alborikan, Sveeta Badiani, Kit Wong, Rakesh Uppal, Nikhil Patel, Steffen E Petersen, Guy Lloyd, Sanjeev Bhattacharyya	Determinants of post-operative left ventricular dysfunction in degenerative mitral regurgitation	EACVI 2023 , 11 May 2023

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	EACVI 2023	Barcelona, Spain 2023	Presenter
2	EACVI 2023	Barcelona, Spain 2023	Presenter

### Membership of Scientific and Professional Societies and Organizations

- EACVI

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Advanced Adult Echocardiography (1)	Lectures, labs and clinics
2	Advanced Adult Echocardiography (2)	Lectures, labs and clinics
3	Echocardiography Interpretation	lectures/ tutorials.
4	Echocardiography Practice (1)	Clinics
5	Echocardiography Practice (2)	Clinics
6	Basic Echocardiography	Labs and clinics



7	Electrocardiogram (1)	Clinic
8	Electrocardiogram (2)	lectures
9	Pediatric echocardiography	Clinics

### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.
	Advanced Adult Echocardiography (1)	Coordination		Undergrad.	
	Advanced Adult Echocardiography (2)	Coordination		Undergrad.	
	Echocardiography Interpretation	Coordination		Undergrad.	
	Echocardiography Practice (1)	Coordination		Undergrad.	

### Student Academic Supervision and Mentoring

#	Level	Number of Students	
1	3 <sup>rd</sup> level	14	2024-2024 term 1
2	2 <sup>nd</sup> level	14	2023- 2024 term 2

### Committee Membership

#	From	To	Position	Organization
1	August 2023	now	Coordinator of the Scientific Research and Innovation Committee	CT, Imam Abdulrahman Bin Faisal University
2	August 2023	now	Vice chair of Quality and Academic Accreditation Committee	CT, Imam Abdulrahman Bin Faisal University
3	August 2023	now	Member of Examination Quality and Evaluation Committee	CT, Imam Abdulrahman Bin Faisal University

### Last Update

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