

# MEEM FOUNDATION & NYU ABU DHABI

IMPACT UPDATE - APRIL 2026

## INTRODUCTION

Over the past year, Meem Foundation's support has enabled the [NYU Abu Dhabi Clinical AI Lab](#), led by Dr. Farah Shamout, to significantly expand its research, talent development, and global engagement. Our partnership with Meem Foundation has played a critical role in accelerating productivity, enabling new collaborations, and enhancing the Lab's confidence and capacity to pursue ambitious, high-impact research directions. We are pleased to share the Lab's key achievements spanning publications, invited talks, and broader contributions to the clinical AI community.

## KEY ACHIEVEMENTS & IMPACT:



18

Accepted papers and conference abstracts



5

Papers under review



16

Invited talks and keynotes at leading global institutions and conferences



21

Undergraduate Researchers Mentored



3

New collaborations and partnerships with renowned healthcare institutions



Clinical AI Lab featured at the **UAE Pavilion, Expo Osaka**, showcasing national innovation in AI

## STRATEGIC IMPACT AREAS:

Funding from Meem Foundation has helped enable the Lab to consolidate its work into **four interdisciplinary strategic themes**, strengthening focus, coordination, and productivity:

**ENHANCING PATIENT OUTCOMES AND REDUCING COST IN HOSPITAL**

1



Clinical  
AI Lab

3

**DEMOCRATIZING ACCESS TO HEALTHCARE SERVICES**

2

**ADVANCING FERTILITY OUTCOMES AND WOMEN'S HEALTH**

4

**FUTURE OF WORK IN HEALTHCARE**



## RESEARCH OUTPUT AND ACADEMIC EXCELLENCE

The Lab has achieved a significant increase in both the volume and quality of research outputs, with publications successfully showcased at leading AI and healthcare events worldwide. These publications span pertinent areas in the field, including:

- The development of **multimodal AI systems** for clinical decision support and patient risk prediction
- Advances in **trustworthy and uncertainty-aware AI for healthcare applications**
- New benchmarks and datasets for **Arabic medical AI**, expanding inclusivity in global AI systems
- Research **spanning stroke prediction, IVF decision support, and hospital risk modelling.**

Findings have been showcased at premier international conferences, **including ICLR, ICASSP, ACM CHIL, and MLHC**, and published in leading journals in digital health and biomedical AI.

# TEAM DEVELOPMENT & CAPACITY BUILDING

A core area of progress and impact at the Clinical AI Lab has been the growth of a diverse, high-performing research team, and the development of emerging talent in AI and healthcare. Over the past year, the Lab has:

- Expanded team to include **postdoctoral researchers, junior research scientists, and PhD students**
- Recruited a **Meem Foundation-supported Junior Research Scientist**
- Mentored **21 Undergraduate Research Assistants**, representing **10+** countries.



AI Revolution In Healthcare Summit medvarsity

## Thought Leadership in AI in Healthcare

Meet Our Distinguished Speaker

**Dr. Farah Shamout**  
Assistant Professor of Computer Engineering & Lead Clinical Artificial Intelligence Lab

31 Oct DUBAI  
01 Nov 2025

جامعة نيويورك أبوظبي NYU ABU DHABI Clinical AI Lab

## LEADERSHIP & STRATEGIC ENGAGEMENT

Dr. Farah Shamout's leadership has further elevated the Lab's global profile and influence:

- The Lab was featured at the **UAE Pavilion at Expo Osaka, 2025**
- Dr. Shamout delivered **AI training programs for senior government leaders**
- Dr. Shamout served as **Co-Chair of the Women in Engineering Committee**, advancing gender equity in the field
- Regular contributor to the **UAE National AI Program** (6th consecutive year).

In addition, Dr. Shamout has delivered **invited talks and lectures** at institutions including Oxford, Imperial College London, and the University of Tokyo.



## NYUAD'S CLINICAL AI LAB IN ACTION:

