



Ibn Khaldun Fellowship  
for Saudi Arabian Women  
Massachusetts  
Institute of  
Technology



KACST  
مدينة الملك عبدالعزيز  
للعلوم والتقنية

# Ibn Khaldun Fellowship for Saudi Arabian Women

Presenters  
Theresa Werth & Dorothy Hanna





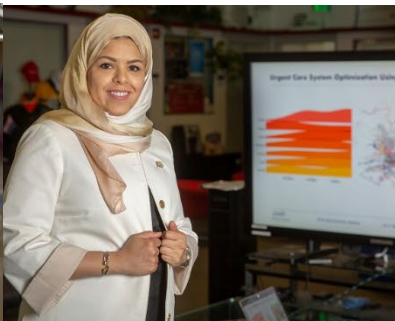
# Outline



1. Program History
2. About MIT
3. Fellowship Overview
4. How to Apply
5. Q&A



Dr. Sanaa Alattas  
Virology



Dr. Shadah AlSalamah  
Global Digital Health



Dr. Haleema Alamri  
Polymer Science



Dr. Thamraa Alshahrani  
Solar Energy



Dr. Hala Aldossary  
Biology



Dr. Eman Ageely  
Genetics





# Program History



- Established through the MIT-KFUPM collaboration
- 2012 - admitted first fellows
- 2013 - Saudi Aramco expanded the program
- 2018 - KACST and MIT signed a 10-year agreement



10th Anniversary Celebration at KACST in 2022



Center for Clean Water and Clean Energy at MIT & KFUPM



أرامكو السعودية  
Saudi Aramco



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مدينة الملك عبدالعزيز  
للعلوم والتقنية



# MIT Values



Excellence  
& Curiosity

Openness  
& Respect

Belonging  
& Community





# MIT RESEARCH FACILITIES



Example: Lisa Su building housing MIT.nano 20,000 m<sup>2</sup>

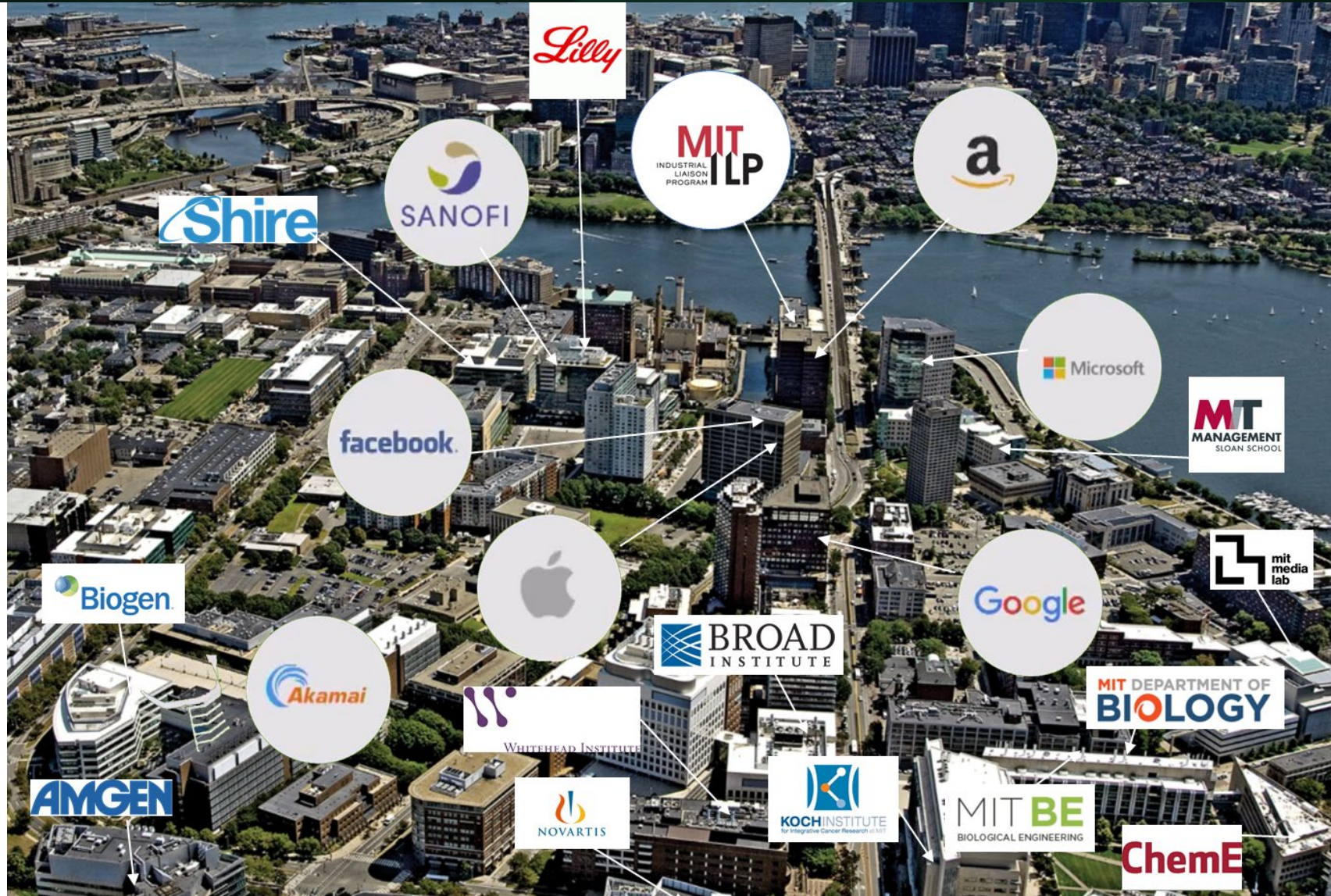
## Individual faculty labs as well as interdepartmental shared research infrastructure

- Animal modeling and clinical testing
- Cell culture and analysis
- Chemistry synthesis and analysis
- Data analysis
- Fabrication
- Imaging
- Materials production and analysis
- Technology research and development
- Cleanrooms
- Materials growth
- Maker Space
- 3D Printing
- Computer-aided visualization





# MIT: Kendall Square, Cambridge & Boston







# IBK Fellowship – Overview



The Fellowship is a one or two year research opportunity for Saudi Arabian women who hold a PhD with competitive and merit-based admission.

***Hands-on research is the central goal of the program.***

- Collaborate with an MIT professor and research group
- Access world-class facilities and support
- Professional development opportunities to supplement research



Dr. Wedyan Babatain  
& MIT PhD candidate Ozgun Kilic  
Soft Electronics for Healthcare & the Environment



# IBK Fellowship – MIT Host Departments



## IBK fellows have worked in 20+ MIT departments including:

- Aeronautics & Astronautics
- Biology
- Computer Science and Artificial Intelligence Lab
- Chemistry
- Koch Cancer Research Institute
- Mathematics
- McGovern Institute for Brain Research
- Mechanical Engineering
- Media Lab
- Nuclear Science & Engineering
- Research Lab of Electronics
- Sloan School of Management







# Research & Professional Development Opportunities



- Joint research with MIT professor & team
- Publish research results with MIT faculty in leading journals and conferences
- Professional Development options:
  - MIT Professional Education
  - Kaufman Teaching Certificate Program
  - Executive Education: MIT Sloan & Harvard Business Schools
  - Martin Trust Center for MIT Entrepreneurship



2017 Fellows Drs. Al Salamah, AlShahrani, AlAmri, AlMashhadi, and AlDossary receive Kaufman Teaching Certificates.



# IBK Community – Networking & Collaboration



- Orientations & presentations
- Area cultural trips/activities
- Workshops

IBK Tubing  
Adventure  
2023



IBK Welcome Brunch 2023



Serving Saudi treats at MIT Cultural Festival 2019







# Cambridge Community



- Free, excellent schools for children
- First US public school system to officially recognize Eid al-Fitr holiday
- Cambridge: busy city with many fun activities
- Boston: 5 minutes away & even bigger!



Cambridge Public Schools Facebook photo  
Central Square photo by Toby McGuire



## Apply – Do you fit the criteria?

1. Be a woman who is a Saudi Arabian citizen
2. Excellent command of spoken & written English
3. Demonstrated ability to conduct research
4. 2+ publications in peer reviewed journals
5. Match with MIT faculty current research
6. **Updated:** Ph.D. earned within 6 years before program start date (September 1, 2018 - September 1, 2024)



Dr. Dalal Alezi  
MOFs for Energy Storage & Gas Separation



## Apply – What makes a strong application?

1. What impact have you made?
  - a) Impact of current or recent research
  - b) Describe your area of expertise
  - c) Two recent recommendations describing your research outcomes and ability



Dr. Walaa Kattan  
Cancer Biology

## Apply – What makes a strong application?

2. Organized plan for research you would like to do at MIT
  - b) What impact are you hoping to make?
  - c) Which MIT faculty have the best research match with these goals?

Dr. Shrooq Alsenan  
& MIT Prof Regina Barzilay  
AI & Machine Learning for Healthcare





# IBK Application Journey: September - November



## Required:

- Application form: [ibk.mit.edu/application](https://ibk.mit.edu/application)
- Current CV
- PDF copy of most significant publication
- **New:** Recommendation Letter form

## Deadlines:

Online Application:

**Nov 20<sup>th</sup>, 5pm AST**

Recommendation Letters:

**Dec 1<sup>st</sup>, 5pm AST**

## Recommender Information

Thank you for applying for the IBK Fellowship. We will review your application carefully and follow up with you if we need any additional information.

Best regards,

The IBK Team

Please enter the names, emails, and affiliations of the two individuals writing recommendation letters for you.

Please Note:

1. Only two recommenders are required.

Additional fields are available if you need to delete a recommender due to a typo or because they are not able to provide a recommendation at this time.

2. Please bookmark this page.

You can come back to this page to check on the status of your recommendation.

Once a recommender uploads their document, you will see "Referral Processed" by their name.

You can also come back to this page to send "reminder" emails to the recommenders.

### Dorothy Example2

Name	Email	Affiliation		
Faculty 1	dhanna@mit.edu	MIT	RESEND EMAIL →	X
Dr. Recommender Two	ibk@mit.edu	MIT	SEND EMAIL →	X

Name:

Email:

Affiliation:

ADD RECOMMENDER

## December

- IBK team & MIT faculty review applications
- KACST team reviews applications

## January

- Decisions made about top candidates
- Top candidates invited for video interviews



Dr. Maha Aljuhani  
& MIT Prof Zach Smith  
Surface organometallic Chemistry



# IBK Application Journey: February - September



## February

- Acceptance or feedback letters

## March - May

- Accepted fellows meet with potential faculty
- Lab matching decisions made

## June - August

- US Visa & MIT appointment process



## September 2024

Get to know your  
lab at MIT!

Please visit [ibk.mit.edu](https://ibk.mit.edu) or email us at [ibk@mit.edu](mailto:ibk@mit.edu) for more info.

One of the IBK admin team members will answer your email:



Dorothy Hanna



Barbra Williams



Isabel Welch



شكراً  
Thank you

