Ibn Khaldun Fellowship for Saudi Arabian Women

Presenters
Theresa Werth & Dorothy Hanna
1. Program History
2. About MIT
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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
MIT Values

Excellence & Curiosity

Openness & Respect

Belonging & Community
MIT RESEARCH FACILITIES

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

Example: Lisa Su building housing MIT.nano 20,000 m²
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 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.
• Orientations & presentations
• Area cultural trips/activities
• Workshops
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!
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)
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
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
**Required:**
- Application form: ibk.mit.edu/application
- Current CV
- PDF copy of most significant publication
- **New:** Recommendation Letter form

**Deadlines:**
- Online Application: **Nov 20th, 5pm AST**
- Recommendation Letters: **Dec 1st, 5pm AST**
IBK Application Journey: December - January

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
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 or email us at ibk@mit.edu for more info.

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

Dorothy Hanna  Barbra Williams  Isabel Welch
Thank you  شكراً