

CYNTHIA J. MOSHER, PHD, MSHS, MBBS
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MISSION STATEMENT

Enhance personal growth and inspire change by consistently embodying integrity in all actions, and through deliberate practice of principles. By understanding the complexities and obstacles in daily application, we can refine our teaching methods and advocate for strategies that are pertinent, feasible, effective, and sustainable, thereby influencing individual behaviors, shaping cultural norms, and improving patient outcomes and quality of care.

EDUCATION

Massachusetts General Hospital Institute of Health Professions USA PhD | 2022
Doctorate in Philosophy of Health Professions Education

University of Alabama at Birmingham USA MSHS | 2020
Master of Science in Healthcare Simulation

Alfaisal University College of Medicine Riyadh. MBBS | 2017
Bachelor of Medicine Bachelor of Surgery

Girls College of Education Riyadh Diploma | 2010
Diploma in Arabic Language and Islamic Culture

Clayton University USA BS | 2007
Bachelor of Science in Natural Health Sciences

POSITIONS HELD.

2018-current PRINCIPAL FACULTY
Alfaisal University Simulation Center
Department of Clinical Skills
Alfaisal University College of Medicine

- Director, Alfaisal University Simulation Center
- Supervisor, Clinical Clerkship Simulation-Based Education, King Faisal Specialist Hospital
- Oversees simulation sessions for students in Pediatrics, Internal Medicine, Emergency Medicine, Obstetrics & Gynecology, Neurology, Surgery
- Simulation Center Department of Clinical Skills
 - Leads development and innovation strategies for new courses and projects
 - Assesses, designs, implements, and evaluates educational needs and programs
 - Establishes and fosters relationships with industry and institutional leaders in higher education and technology
 - Simulation Methodology Educator Training: Guidance for educators through simulation methodology, facilitation, and use of debriefing
 - Train the Trainer: Introduction to Simulation and Debriefing for teaching assistant facilitators
 - Conducts onboarding and training for faculty and teaching assistant facilitators
 - Guides weekly training sessions for teaching assistant facilitators

- Simulation Educator and Researcher, Department of Clinical Skills
 - Serves as liaison between Alfaisal University and international institutions, including:
 - MGH Institute of Health Professions
 - Rochester University
 - Emory University
 - Harvard Medical School
 - University of Toronto
 - University of Calgary
 - Seeks internal and external collaboration opportunities
 - Mentors MBBS students Years 1-5

- Research, College of Medicine
 - Research liaison, Colleges of Medicine and AI Research Center, Research & Innovation
 - Provides research guidance and staff development through education, consultation, and scholarly endeavors.
 - Collaborates with internal and external faculty in writing journal quality articles.
 - Provides simulation research education and mentorship in best practices, scientific updates, and institutional research processes for students and educators.
 - Seeks internal and external collaboration opportunities and writes proposals for research and department funding
 - Participates in simulation research projects, supervising medical students and teaching assistants
 - Develops, implements, assesses, and participates in local, regional, and international conferences for research and workshop projects.
 - Initiates, develops, implements, assesses, and participates in joint educational programs and research activities with international institutions:
 - Harvard Medical School
 - MGH Institute of Health Professions
 - Rochester University
 - Emory University
 - University of Toronto
 - University of Calgary

2022-current

ASSISTANT PROFESSOR, HEALTH PROFESSIONS EDUCATION PROGRAM

Massachusetts General Hospital Institute of Health Professions
 Department of Health Professions Education School of Healthcare
 Leadership

- Serves as a Masters and PhD student instructor, advisor, committee chair, and research mentor.
- Serve as liaison between Alfaisal University and Massachusetts General Hospital Institute of Health Professions
- Develops coursework and program materials to incorporate educational and cultural needs
- Plans the logistics and approvals for intensive seminars held on campus

- Provides simulation research applications guidance and mentorship in best practices and institutional research processes for students and educators.

2017-current **Primary Care Physician**
Alfaisal University Primary Care Clinic

- Primary care services to a diverse university community in a dynamic academic setting.

2017-2021 **Primary Care Physician**
Dr Seima Bakheet Clinic

- Provided primary assessments of patients presenting for treatment
- Administered cupping treatments for a variety of medical diagnoses

VOLUNTEER POSITIONS AND SERVICE

2023-current **Board Member, Treasurer, Global Network for Simulation in Healthcare**
International think tank dedicated to advancing patient safety, workforce wellbeing, and healthcare

2023-current **Founding Member, Systematic Review Working Group**
Focused systematic review research projects with international collaboration

2022-current **Member, Distance Simulation Collaborative**
Research collaboration of 25 simulation organizations

2022-2025 **CO-CHAIR, DISTANCE SIMULATION AFFINITY GROUP**
Society for Simulation in Healthcare

- Co-directs the distance simulation interest group
- Coordinates and facilitates collaborative discussions for the group
- Bridges the efforts of this group with Society for Simulation in Healthcare conference meetings

2021-2023 **RESEARCH COMMITTEE APPOINTED MEMBER, COORDINATOR**
Alfaisal University College of Medicine

- Reviewed, screened, and recommended abstract proposals.
- Coordinated lab utilization for internal and external faculty research interests

2020-2023 **MEMBER AT LARGE, MEDIA & COMMUNICATIONS COMMITTEE**
Society for Simulation in Healthcare

- Plans and implements global participation in Simulation Week
- Serves on media planning committee for International Meeting for Simulation in Healthcare

2020-current **JOURNAL REVIEWER**

- Frontiers in Medicine, Health Professions Education
- International Journal of Simulation in Healthcare
- Advances in Health Sciences Education Springer
- BMC Medical Education Springer
- Cureus Medical Journal

AUTHORITATIVE REPORTS & WHITE PAPERS

Palaganas J, Bajwa M, Lababidi H, Morton A, Morris M, **Mosher C J**, Wawersik D, Weaver A, Gross I, Sindelar A, & Ahmed R. (2022). The Creation of Healthcare Distance Simulation Faculty Development Guidelines (Phase I). The Institute for Interprofessional Innovations and the Healthcare Distance Simulation Collaboration. Accessible at <https://healthsciences.nova.edu/pde/forms/sim-white-paper.pdf>

PEER REVIEWED RESEARCH PUBLICATIONS

Palaganas JC, **Mosher C**, Wawersik D, Eller S, Kirkpatrick AJ, Lazarovici M, Brown KM, Stapleton S, Hughes PG, Tarbet A, Morton A, Duff JP, Gross IT, Sanko J. In-Person Healthcare Simulation: An Umbrella Review of the Literature. *Simul Healthc*. 2025 Aug 1;20(4):229-239. doi: 10.1097/SIH.0000000000000822. Epub 2024 Oct 1. PMID: 39353859.

Mosher C. J., (2025) Dr. Howard S. Barrows: Innovator of the Standardized Patient and Problem-Based Learning Revolutions in Health Professions Education Simulation in healthcare: journal of the Society for Simulation in Healthcare DOI: 10.1097/SIH.0000000000000870

Mosher, C. J. (2025) Learner Engagement in Healthcare Simulation Distance Debriefing Mosher, Cynthia J. MGH Institute of Health Professions ProQuest Dissertations & Theses. 31481979.

Maaz, S., Obeidat, S., **Mosher, C. J.**, Palaganas, J. C., Alshowaier, N., Almashal, M., Abu Alsaud, K., Kumar, A., & Al-Wabil, A. (in press). Prompt design and comparing large language models for healthcare simulation case scenarios. *International Journal for Simulation in Healthcare*. Advance online publication. <https://doi.org/10.54531/QZGO9534>

Mosher, C. J. (2025) Learner Engagement in Healthcare Simulation Distance Debriefing MGH Institute of Health Professions ProQuest 31481979

Palaganas, J. C., **Mosher, C.**, Wawersik, D., Eller, S., Kirkpatrick, A. J., Lazarovici, M., Brown, K. M., Stapleton, S., Hughes, P. G., Tarbet, A., Morton, A., Duff, J. P., Gross, I. T., & Sanko, J. (2024). In-person healthcare simulation: An umbrella review of the literature. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*. Advance online publication. Oct 2024 <https://doi.org/10.1097/SIH.0000000000000822>

Palaganas, J. C., **Mosher, C. J.**, Morton, A., Foronda, C., Cheng, A., & Anderson, T. (2024). Engagement in Distance Healthcare Simulation Debriefing: A Concept Development and Framework. *Simulation in Healthcare*, 10-1097.

Bajwa, M., Ahmed, R., Lababidi, H., Morris, M., Morton, A., **Mosher, C.**, ... & Palaganas, J. C. (2024). Development of distance simulation educator guidelines in healthcare: a Delphi method application. *Simulation in Healthcare*, 19(1), 1-10.

Mosher, C. J., Gochyyev, P., Cheng, A., Morton, A., Fayyaz, J., Farrell, S. E., & Palaganas, J. C. (2024). Effect of simulation case complexity on engagement during distance debriefing: A randomized controlled trial. *Clinical Simulation in Nursing*, 91. <https://doi.org/10.1016/j.ecns.2024.101538>

Palaganas, J. C., **Mosher, C. J.**, Morton, A., Foronda, C., Cheng, A., Anderson, T. (2024) Engagement in Distance Healthcare Simulation Debriefing: A Concept Development and Framework. *Simulation in Healthcare: Journal of the Society for Simulation in Healthcare* DOI: <https://doi.org/10.1097/SIH.0000000000000788>

A Comparative Study of Debriefers Versus Debriefees Distance Simulation Engagement Morton, A., **Mosher, C.J.**, Palaganas, J.C. *Clinical Simulation in Nursing*,

Mosher, C. J., Morton, A., Tarbet, A., & Palaganas, J. C. (2023). Factors of Engagement in Synchronous Online Learning Conversations and Distance Debriefing: A Realist Synthesis Review. *Simulation in healthcare : journal of the Society for Simulation in Healthcare*, 18(2), 126–134. <https://doi.org/10.1097/SIH.0000000000000650>

Mosher, C. J., Mukhtar, F., Alnaami, N., Akkielah, Y. A., Alsharif, J., Khan, T., ... & Zafar, M. (2022). Donning and doffing of personal protective equipment: perceived effectiveness of virtual simulation training to decrease Covid-19 transmission and contraction. *Cureus*, 14(3).

Palaganas, J., Bajwa, M., Lababidi, H., Morton, A., Morris, M., **Mosher, C.**, ... & Ahmed, R. (2022). The creation of healthcare distance simulation faculty development guidelines (phase I). *The Institute for Interprofessional Innovations and the Healthcare Distance Simulation Collaboration* Available at: <https://www.healthcaredistancesim.com>

Mosher, C. J., Morton, A., & Palaganas, J. C. (2021). Perspectives of engagement in distance debriefings. *Advances in Simulation (London, England)*, 6(1), 40. <https://doi.org/10.1186/s41077-021-00192-y>

Mosher, C.J., Sarkar, A., Hashem, A. A., Hamadah, R. E., Alhoulan, A., AlMakadma, Y. A., Khan, T. A., Al-Hamdani, A. K., & Senok, A. (2016). Self-reported breast feeding practices and the Baby Friendly Hospital Initiative in Riyadh, Saudi Arabia: prospective cohort study. *BMJ Open*, 6(12), e012890. <https://doi.org/10.1136/bmjopen-2016-012890>.

CURRENT RESEARCH PROJECTS

The Cognitive Science of Learning: Concepts and Strategies for the Educator and Learner: An Update

Simulation Based Education Technology Trends: Systematic Review (in progress)

Simulation Based Education Research During the Pandemic: Systematic Review (in progress)

Use of a Mobile Application to Deliver Caregivers Simulation-Based Education

Generating AI OSCE checklists

AI Analysis of Qualitative Data: A Comparative Study

Pilot Study: Comparative Evaluation of AI Tools in Simulation-Based Debriefing for Faculty Development

Comparing In-Person and Off-site Scoring in Simulation-Based Objective Structured Clinical Examinations: A Mixed Methods Feasibility Study of Live and Audio-Video Recorded Evaluation (IRB pending)

Using Moodle Engagement Metrics to Predict Academic Success: A Predictive Analytics Study

Implicit and Explicit Weight Bias of Health Professions Students & Practitioners (under external review)

Comparing traditional and simulated morbidity and mortality cases using the DuPoint dirty dozen framework to improve safety and risk management (in progress)

Distance Simulation for Caregivers: Training through a Mobile Video Chat Application (in progress)

Integrating Clinical Simulation into Saudi Board EPAs-Based FM residency Curriculum - Needs Assessment and Feasibility Study (in progress)

Faculty Training: Hands-on How to Develop Entrustable Professional Activities (EPAs) in Healthcare Simulation-Based Education (in progress)

Enhanced Simulation-Based Healthcare Education Using Artificial Intelligence: A Systematic Review (in progress)

The Creation of Healthcare Distance Simulation Faculty Development Guidelines (Phase II). The Institute for Interprofessional Innovations and the Healthcare Distance Simulation Collaboration. (under development)

30-Minute Weekly Health Professions Education Project with the Global Network for Simulation in Healthcare (collaboration proposal pending approval)

INVITED LECTURES

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| 2025 | Global Network for Simulation in Healthcare Online Summit |
| 2024 | AI in Health Professions Education Women in Data Science Forum Riyadh |
| 2023 | VR, AR, AI: Applications in Simulation-Based Education Educational Series, Riyadh |
| 2022 | Introduction to Simulation-Based Education Alfaisal University Faculty Development Series |
| 2022 | Closing the Distance in Healthcare Simulation, eSIM Bi-Monthly Grand Rounds Series Alberta Canada |

CONFERENCE PRESENTATIONS

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| 2025 | IMSH Orlando USA: Compatibility Testing” for Distance Sim: Ensuring Safe & Enjoyable Experiences for All |
| 2025 | IMSH Orlando USA: Partners in Innovation: Simulationists Navigating Partnerships with the Distance Simulation Industry |
| 2025 | IMSH Orlando USA: Distance Simulation in Healthcare: Bridging Evidence and Innovation |
| 2025 | IMSH Orlando USA: The Leading Edge of Distance Simulation: From Innovations to Multi-Modal Experience |
| 2025 | IMSH Orlando USA: Analysis of Human versus AI Debriefing Assessments in Healthcare Simulation: A Comparative Study |
| 2025 | IMSH Orlando USA: Distance Simulation for Caregivers: Training through a Mobile Video Chat Application |
| 2025 | IMSH Orlando USA: Culturally Oriented Methods for Preparing Adaptive and Sensitive Scenarios (COMPASS) |
| 2025 | IMSH Orlando USA: From Script to Screen: Crafting Engaging Written Distance Simulation Scenarios |
| 2025 | IMSH Orlando USA: How does AI understand us? Prompt Engineering for Healthcare Simulation. |

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| 2024 | King Fahad Medical City International Healthcare Simulation Conference Riyadh Saudi Arabia November 2024 |
| 2024 | Uniformed Services University: Panel Member International Health Professions Education Virtual Conference October 2024 |
| 2024 | University of Alabama Health Professions Education Virtual Webinar March 2024 |
| 2023 | Oral Research Presentation: Article of Influence IMSH 2022-2023 Orlando January 2023 |
| 2023 | Workshop Presentation: Distance Simulation & Distance Debriefing IMSH 2023 Orlando January 2023 |
| 2022 | Workshop Presentation: Engagement in Distance Debriefing: The Good, The Bad, and The Ugly. Society for Simulation in Europe (SESAM) Seville Spain June 2022 |
| 2022 | Workshop Presentation: Engagement in Distance Debriefing: The Good, The Bad, and The Ugly. International Meeting on Simulation in Healthcare Los Angeles January 15-19 2022 |
| 2022 | Oral Presentation: eSIM Virtual Bi-Monthly Grand Rounds Series: Closing the Distance in Healthcare Simulation November 2022 |
| 2021 | Oral Presentation: Perspectives of Engagement in Distance Debriefing. Saudi Society of Simulation Scientific Assembly 6-9 December 2021 |
| 2021 | Poster Presentation: Donning and Doffing of PPE: Perceived Effectiveness of Virtual Simulation Training to Decrease COVID-19 Transmission and Contraction. Saudi Society for Simulation in Healthcare Scientific Assembly December 2021 |
| 2021 | Oral Presentation: Donning and Doffing of PPE: Perceived Effectiveness of Virtual Simulation Training to Decrease COVID-19 Transmission and Contraction Saudi Society for Simulation in Healthcare Scientific Assembly |
| 2018 | Oral Presentation: Hereditary Multiple Exostoses King Faisal Specialist Hospital. Prince Muhammad Bin Abdulaziz Hospital & Alfaisal University Riyadh, Saudi Arabia |
| 2017 | Oral Presentation: TICC TOCC: Transitioning Immediate Cord Clamping to Optimal Cord Clamping to Improve Infant Iron Stores. C Mosher, Wesam Kurdi Consultant, Maternal & Fetal Medicine, King Faisal Specialist Hospital & Research Center Riyadh, Saudi Arabia |
| 2017 | Oral Presentation: Seckel Syndrome and Implications for Prenatal Care KFSH & RC Riyadh, Saudi Arabia |
| 2015 | Oral Presentation: The European Academy of Paediatrics, Congress and Master Course (EAP 2015) Oslo, Norway Improving Breastfeeding in Saudi Arabia: The Baby Friendly Hospital Initiative |

ACADEMIC ADVISORY

2025-present Hisham Ali Dinar
PhD-HPEd Advisor & Dissertation Chair

2025-present Eyas Alhamad
PhD-HPEd Advisor & Dissertation Chair

2025-present Yassin Abou Obeida
PhD-HPEd Dissertation Committee Member

2025-present Solomon Germosa
PhD-HPEd Dissertation Committee Member

2023-2025 Emma Darpino, RD MGH IHP
PhD-HPed Advisor & Dissertation Committee Member

2024-2026 Carrie Gigray, MSHS, CHSE, CHSOS, NRP
PhD-HPed Advisor
PhD-HPed Dissertation Committee Member

2024-2026 Khaulah Jaweed, MS HPed MBD
PhD-HPed Advisor

2023-2025 Abdulrahman AlMahmadi RN, Al Madinah Healthcare Cluster
MS-HPed Program Advisor

2023-2025 Lama Alotaibi MD, King Faisal Specialist Hospital & Research Center
MS-HPed Program Advisor

2023-2025 Ibrahim Alqahtani MD, Family Medicine, Director for Academic Affairs Ministry of Defense
MS-HPed Program Advisor

2023-2025 Fatimah Alkhalifah, RN, Alfaisal University
MS-HPed Program Advisor

2022-2023 Nida Qureshi, MD, King Saud Medical City
MS-HPed Program Advisor

2023 Rafif Matar, MD, General Surgeon King Saud University & Medical City
MS-HPed Program Advisor

2022-2024 Sharouk Khanjar MD, Alfaisal University
MS-HPed Program Advisor

2022-2024 Sawsan Obeidat, MD, Saudi Health Training Center
MS-HPed Program Advisor

2022-2024 Sadek Obeidat, MD, Alfaisal University
MS-HPed Program Advisor

2022-2023 Dimpna Albert-Brontons MD, Pediatric Cardiologist, King Faisal Specialist Hospital & Research Center
MS-HPed Program Advisor

2022-2024 Sara Maaz, MD, Alfaisal University
MS-HPed Program Advisor

EDUCATIONAL IMPACT

Alfaisal University & MGH Institute of Health Professions

- Establishment of the first PhD in Health Professions Education program in the Middle East
 - New England Commission for Higher Education accreditation granted for the Alfaisal campus MS HPed program after a three-day accreditation officer visit and assessment.
 - First cohort planned for Fall 2025

Alfaisal University & MGH Institute of Health Professions

- Establishment of the first Master of Science in Health Professions Education program in the Middle East
 - Initial cohort six students, Cohort 2 40% increase, Cohort 3 projected 50% increase
 - 5 group research pilot studies and 5 group IRB proposals for full studies
 - Interprofessional recruitment of physicians, surgeons, simulation technology specialists, nurse educators, dentists, healthcare management consultants, healthcare education instructors and administrators.
 - New England Commission for Higher Education accreditation granted for the Alfaisal campus MS HPEd program after a three-day accreditation officer visit and assessment.
 - Proposal and agreement to establish PhD program, launching 2024.
 - Addition of other professional programs and certificates, including:
 - Physician Assistant
 - Nursing
 - Physical Therapy
 - Occupational Therapy
 - Successfully facilitated sponsorship agreements with several student institutions
 - Interprofessional collaborative research projects with participation of multiple regional institutions, including:
 - University of Calgary
 - University of Toronto
 - Saudi Arabian Ministry of Defense
 - King Faisal Specialist Hospital & Research Center
 - King Fahad Medical City
 - Saudi Health Clusters
 - Alfaisal University AI Center
 - King Saud University & Medical City
 - King Khaled University Hospital
 - Medical University of Bahrain
 - Qatif Central Hospital
 - Al Madinah Health Cluster

Alfaisal University, Saudi Ministry of Health, University of Rochester USA

- Contribution to requirements for recognition by the American Medical Association
- Proposal to establish Breastfeeding & Lactation Medicine fellowship program in Saudi Arabia, under consideration.
- Fellowship seat for one Saudi candidate, increasing as program develops.

Alfaisal University Department of Clinical Skills, MGH Institute of Health Professions & Alfaisal AI Center and Human-Computer Interaction

- Development of artificial intelligence prompt engineering approaches for simulation scenario and debriefing plan creation.
- Assessing the quality of prompt engineering content produced by chatbots for use in medical education and simulation experiences.

- Exploration of generative artificial intelligence applications to qualitative research analysis.

Global Healthcare Simulation Community

- Development of guidelines for distance simulation educators, presented to organizations to inform standards of competency and practice.
- Contributed to standardization terminology for Healthcare Simulation Dictionary, Society for Simulation in Healthcare
- Global Network for Simulation in Healthcare Summit Meeting proposed ideas added to action items for planning and implementation, including:
 - Continuation of 30 Minute Weekly research project
 - Community program to identify simulation/medical education centers in need of equipment and matching them local/regional centers with unused equipment available for donation.

MEDIA IMPACT

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|--------------|---|
| 2023-current | MGH Institute of Health Professions Alfaisal Master of Science Health Professions Education - Video production and dissemination |
| 2022-current | MGH Institute of Health Professions Alfaisal Master of Science Health Professions Education - Recruitment Coordination Marketing and Communications Alfaisal University |
| 2022-current | MGH Institute of Health Professions - HPEd Newsletter – editorial contributions in report of scholarly activities |
| 2022-current | Society for Simulation in Healthcare Simulation Week – Department of Clinical Skills activities |
| 2021-current | Graduate School Open House Alfaisal University – Recruitment for MS HPEd program |
| 2020-current | Alfaisal University Open House - Presentations and recruitment activities |

GRANTS & FUNDING

PI. Research grant, SAR 10,000 Alfaisal University Department of Clinical Skills, COVID-19 Research Initiative. Donning and Doffing of PPE: Perceived Effectiveness of Virtual Simulation Training to Decrease COVID-19 Transmission and Contraction. Funded 2021

Research Honorarium Funding Alfaisal University \$1000 Honorarium Alfaisal Medical School Professor contributing to research project.

Research Honorarium Funding Alfaisal University \$3500 Honorarium for Harvard Medical School professors contributing to research project.

CURRENT LICENSES AND CERTIFICATIONS

- Primary Care Physician, Saudi Arabia
- National Committee of Bioethics, Saudi Arabia
- Massachusetts General Brigham Research Training, USA
- Saudi Arabian Ministry of Education: PhD in Health Professions Education Certificate of Authenticity and Equivalency
- Saudi Arabian Ministry of Education: MS in Health Professions Education Certificate of Authenticity

and Equivalency

PAST LICENSES AND CERTIFICATIONS

- BLS, ACLS, PALS Certification
- Cupping Practitioner National Center for Alternative & Complementary Medicine, Riyadh
- Webmaster Training Certification, HTML PHP, CSS

AWARDS

2024 Article of Influence 2024-2025, Society for Simulation in Healthcare
2022 Article of Influence 2022-2023, Society for Simulation in Healthcare
2020 Honors, Alpha Eta Society for the Association of Schools Advancing the Health Professions
2016 1st Place Research Award, The European Academy of Pediatrics - King Faisal Specialist Hospital & Research Center
2010 Dean's List, Girls College of Education Riyadh

ORGANIZATIONS & AFFILIATIONS

2022-current Massachusetts General Hospital Institute of Health Professions
2020-current The Healthcare Distance Simulation Collaboration
2017-current Alfaisal University College of Medicine

ORGANIZATIONAL COMMITTEES

MGH Institute of Health Professions

- Member of the Executive Committee for HPED PhD
- Member of the Executive Committee for MS-HPED
- Member of the Admissions Committee for HPED PhD
- Member of the Admissions Committee for MS-HPED
- Member of the Alfaisal Faculty Group

Alfaisal University

- Member of the Research Committee, College of Medicine
- Coordinator, Research Committee, Department of Clinical Skills

PROFESSIONAL ORGANIZATIONS

Society for Simulation in Healthcare (SSH)
Saudi Society for Simulation in Healthcare (SSSH)
Society for Simulation in Europe (SESAM)
American College of Lifestyle Medicine (ACLM)

RESEARCH SKILLS

Qualitative
Quantitative
Mixed Methods
Systematic Review
Umbrella Review

Interventional Studies
Randomized Controlled Trial
Longitudinal Prospective Cohort Study

NATIONALITIES

United States of America
Kingdom of Saudi Arabia (granted nationality in 2009)

LANGUAGES

English - native
Arabic - working proficiency

INTERESTS AND ACTIVITIES

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|------------------------|--|
| Healthcare Simulation: | Interprofessional teamwork and communication. Interprofessional education Faculty development Defining standards for best practice |
| Healthcare Technology: | Artificial Intelligence in education and healthcare Online platforms in health professions education. Ethics surrounding healthcare technology New technology and usage |
| Communications: | Healthcare education feedback skills Emotional Intelligence Social media content creation |

COMPUTER/ONLINE SKILLS

Digital Native: user of multiple applications, teaching online, conducting virtual meetings
Graphic Design: Adobe Photoshop, Canva
Social Media: Instagram, Facebook, LinkedIn, Twitter
Artificial Intelligence: ChatGPT 3 & 4, Bing, Bard, Elicit
Research Management: Covidence, Dedoose, Zotero, Mendeley
Team Communication: WhatsApp, Facebook Groups, Teams
Podcasting: ClubHouse
Online Meeting: Zoom, Skype, Facetime, WhatsApp, Go-to-Meeting, When2Meet, Teams
Presentation Apps: Prezi, Powerpoint, Mmhmm
Video recording: GoPro, iPhone
Storage: Dropbox, Google Drive, Teams
Web design: Wordpress, Shopify
Editing Software: iMovie, Adobe Photoshop, Illustrator, Acrobat Pro
Dreamweaver, Flash), Bamboo Creative
Academic Software: Moodle, Brightspace D2L, Canvas, Word, PowerPoint, Poll Everywhere, Excel, Google Docs, Google Sheets, Microsoft 360, Microsoft Teams
Research Software: Dedoose, SPSS, NVivo
Simulation: Laerdal, Gaumard, B-Line
Email/Calendar: Google, Outlook

PERSONAL INFORMATION

Birthplace: Bartow, Florida USA
Ethnicity: Western European

REFERENCES

Dr. Khaled Alkattan

Dean of Medicine Alfaisal University College of Medicine
kalkattan@alfaisal.edu

Dr. Janice Palaganas

Professor of Interprofessional Studies, Associate Chair of the Health Professions Education
Department MGH Institute of Health Professions
jpalaganas@mgh.harvard.edu

Dr. Abiola Senok

Chair of Basic Medical Sciences and a Professor of Microbiology and Infectious Diseases at the
College of Medicine, Mohammed Bin Rashid University of Medicine and Health Sciences (MBRU)
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