

EDUCATION

Researcher

July 2025—Present

Maastricht University, Maastricht, Netherlands.

Academic email: hosna.salmani@maastrichtuniversity.nl

University website: <https://www.maastrichtuniversity.nl/>

PhD in Health Information Management

October 2021 —July 2025

School of Health Management and Information Sciences,
Iran University of Medical Sciences, Tehran, Iran.

Academic email: salmani.h@iums.ac.ir

University website: iums.ac.ir

School website: shmis.iums.ac.ir

MSc of Health Information Technology

September 2017 — February 2021

School of Health Management and Information Sciences,
Iran University of Medical Sciences, Tehran, Iran.

Thesis Fields: Mobile Health, Self-management, and Cancer

Academic email: salmani.h@iums.ac.ir

University website: iums.ac.ir

School website: shmis.iums.ac.ir

Thesis grade: 20/20

BSc of Health Information Technology

September 2013 — August 2017

School of Health Management and Information Sciences,
Iran University of Medical Sciences, Tehran, Iran.

University website: iums.ac.ir

School website: shmis.iums.ac.ir

AWARDS & RECOGNITIONS

Women Changing the World MENA Awards 2024

1st Place for Changemaker of the Year

2nd Place for Leader of the Year

3rd Place for Global Impact

<https://wcwawards.com/winners-MENA>

Women Changing the World Global Summit and Awards (Finalist)

Finalist in the "Innovation" category, May 25, 2024 and 2025 London, United Kingdom

Honorary Member, American Association of Information Technology Professionals,

March 2025, <https://www.aaitp.org/>

Top 27 Generative AI Industry Thought Leaders, contributing to the Global AI & Tech
2027 Forecast, December 2023, Issued by KEENFOLKS, Barcelona, Spain

<https://www.thekeenfolks.com/ai-trends/hosna-salmani>

Selected as Final nominee for the **Zenith Health Global Award** in the "Advancing Health
with Technology / Innovation" category, October 2023 and August 2024, London, United
Kingdom

Top Voices EMEA 2023 and 2024 and Top 10 Global Thought Leaders and Influencers on
"HealthTech" and "Health & Wellness" in 2023- 2025 Issued by Thinker 360

<https://www.thinkers360.com/tl/hosnasalmani>

Top 25 digital health Influencers in 2023. Issued by Digital Salutem

<https://digitalsalutem.com/25-digital-health-influencers-to-follow-in-2023>

Top 150 Exponential Health Tech professionals in 2022, 2023 and 2024, Issued by Exponential Healthtech <https://zallud.com/top-200-healthtech-exponentialists>
YTHLive Global 2021 (Youth + Tech + Health) Scholarship Contest **74** by **UNESCO**, Oakland, California, USA, <https://yth.org/>
Winner of Ahadi scholarship for the PhD program from National Elite Foundation, 2020
Top student at Iran University of Medical Sciences (MSc) 2017-2021
 Top student at Iran University of Medical Sciences (BSc) 2013-2017
Gifted and Talented Student Centre (BSc, MSc) 2013-2021
National Elites Foundation 2016-2019
 The 3rd place team in the Startup Propulsion, Iran Smart Expo 2017

SPEAKING ENGAGEMENTS

- **Keynote Speaker** at the FoundHer Virtual Summit 2025, "Build to Lead: Founding with Purpose", Female Techpreneur, May 2025, London, **Untied Kingdom**, <https://femaletechpreneur.com/>
- **Keynote speaker** at the 10th International Malang Annual Coder Convention (IMACC) "Improving The Quality of Electronic Medical Record Data In Health Services", October 2024, **Indonesia**
- **Keynote speaker** at Happy Life Academy "The Rise of Artificial Intelligence in Modern Medicine", September 2024, Tehran, **Iran**
- **Guest Speaker** at the New World Foundation (TNWF) podcast, August 2024, Texas, **United States**
- **Keynote speaker** at the International Woman Dentistry Congress & Awards, "Empowering dental care with Blockchain-based AI-Driven Diagnosis Innovations", June 22-23, 2024, Istanbul Aydin University, **Turkey**
- **Keynote speaker** at the Telehealth T-Time: A Community for Telehealth, "Empowering Patient-centred Care Through Digital Health Innovation", May 16, 2024, Ingenium Digital Health Advisors (Ingenium Symposium), Maryland, **United States**
- **Keynote speaker** at the Virtual Blockchain in Healthcare Symposium, February 29, 2024, Dubai, **United Arab Emirates**.
- **Invited speaker** at the Meta Shapers Global Summit, February 21-22, 2024, Dubai, **United Arab Emirates**, Website: <https://meta-shapers.com/>
- **Keynote speaker** at KEENFOLKS "Pharma Marketing in the AI Age: Trends, Strategies, and Success Stories", October 2023, Barcelona, **Spain**, Website: <https://thekeenfolks.com/>
- **Keynote speaker** at the 2023 International Guest Lecture on Health Information Management (IG-HIM) of Universitas Gadjah Mada (UGM), October 2023, **Indonesia**, website: <https://ugm.ac.id/>
- **Keynote speaker** the 34th DPD PORMIKI (Indonesian Professional Organization of Medical Records and Health Information), "Applying of Big Data to Improve the Quality of Healthcare: Health Workforce Are Ready?", West Java, **Indonesia**, July 2023, website: <https://pormikijabar.or.id/site/>
- **Keynote speaker** at Commission on Science and Technology for Sustainable Development in the South (COMSATS), COMSATS' International Webinar on Health for All through Digitally Enabled Efficient Health systems **Middle East and Central Asia**, April 2023, website: <https://comsats.org/>
- **Keynote speaker** at Department of Healthcare Management, Chitkara University, "Digital Transformation in Health Information Management", April 2023, Punjab, **India**, website: www.chitkara.edu.in
- **Keynote speaker** at Med-Tech Eurasia, March 2023, Dubai, **United Arab Emirates**, website: <https://med-tech.world/the-roadshow/>
- **Speaker** at the Med-Tech World conference, November 2022, **Malta, Europe**, website: www.med-tech.world
- **Keynote speaker** at Health Information Management Webinar (HIMWEB 2022), The implementation of Digital Transformation in Health Information Management, Yogyakarta, **Indonesia**, website: <https://www.ugm.ac.id/en>
- **Panelist** at the Bionabu Speed Summer Summit (Chapter Telehealth), July 2022, **London, United, Kingdom**, website: <https://www.bionabu.com/>
- **Keynote speaker** at the 2nd International Seminar of Health Information Management (ISoHIM)-"Medical Record Data Management for Decision Making During the Covid-19

- Pandemic", March 2022, **Indonesia**, website: <https://fikes.udb.ac.id>
- **Keynote speaker** at the Global Students Nest, February 2022, **India**, website: globalstudentsnest.com
 - **Keynote speaker** at the 7th International Annual Coder Convention, "ICD 11 For Medical Record Development Innovations Towards the 5.0 Era", December 2021, **Indonesia**.
 - **Keynote speaker** at International Conference on Smart Technologies in Data Science and Communication (Smart DSC-2021), February 18-19, 2021, Organized by KL Deemed to be University, **India**, website: <https://aiscrl.in/eve.html>
 - **Keynote speaker** at Medformatics "The Impact of Health Information Technology on Hospital Data", December 2020, Nigeria, **Africa**.
 - **Keynote speaker** at Asia eHealth Information Network (AeHIN), October 2020, **Asia-Pacific**, AeHIN website: <https://www.asiaehealthinformationnetwork.org/>
 - **Keynote speaker** at SRM Institute of Science and Technology, Department of IT, SRM University, July 2020, **India**, website: <https://www.srmist.edu.in/>
 - **Keynote speaker** at the Australian Institute of Digital Health "From the Frontlines: Emerging from the COVID-19 Pandemic", June 2020. **Australasian Institute of Digital Health (AIDH)**, Melbourne, **Australia**, website: <https://digitalhealth.org.au/events/from-the-frontlines-emerging-from-the-covid-19-pandemic/>
 - **Keynote speaker** at the 5th international annual coder convention "Exploring innovation and modern advancement in health information management", December 2019, **Indonesia**.

Books

1. Akangbe R, **Salmani H**. eHealth Technology: Concepts, Strategy, Exchange and Security; 2020 [Available from: <https://www.amazon.com/Health-Technology-Concepts-Strategy-Exchange/dp/1716391768>]
2. Akangbe R, **Salmani H**. Current Trends in Health Information Management. Amazon; 2018 [Available from: <https://www.amazon.com/Current-Trends-Health-%20Information-Management/dp/0359166105>]
3. Jalavai S, Garavand A, Momtazan M, Rehdar S, Sharfi S, Mirasghari F, Rahimi F, **Salmani H**, and Hajipour Talebi A. [Telemedicine and Electronic Medicine]. Heydari Pub; 1403. 302 p. [Available from: <https://books.research.ac.ir/book/1011194/-/یزشکی-از-راه-دور-و-یزشکی-الکترونیک>]

Journal Articles

1. **Salmani H**, Nasiri S, Alemrajabi M, Ahmadi M. Electronic Patient-Reported Outcome Systems and Capabilities in Cancer Care: A Systematic Review. *Frontiers in Digital Health*. 2025. [Available from: <https://www.frontiersin.org/journals/digital-health/articles/10.3389/fdgth.2025.1560533/full>]
2. **Salmani H**, Nasiri S, Ahmadi M. The advantages, disadvantages, threats, and opportunities of electronic patient-reported outcome systems in cancer: A systematic review. *Digital Health*. 2024;10. [Available from: <https://journals.sagepub.com/doi/10.1177/20552076241257146>]
3. **Salmani H**, Nasiri S, Alemrajabi M, Ahmadi M. Advancing patient-centered cancer care: a systematic review of electronic patient-reported outcome measures. *Front Rehabil Sci*. 2024 Sep 25;5:1427712. [Available from: <https://www.frontiersin.org/journals/rehabilitation-sciences/articles/10.3389/fresc.2024.1427712/full>]
4. Abhari S, Afshari Y, Fatehi F, **Salmani H***, Garavand A, Chumachenko D, Zakerabasali S, Morita PP. Exploring ChatGPT in clinical inquiry: a scoping review of characteristics, applications, challenges, and evaluation. *Annals of Medicine & Surgery* 86(12):p 7094-7104, December 2024. [Available from: https://journals.lww.com/annals-of-medicine-and-surgery/abstract/9900/exploring_chatgpt_in_clinical_inquiry_a_scoping.2361.aspx]
5. **Salmani H**, Sharafi S, Almanie A, et al. Designing a comprehensive minimum dataset for patients with COVID-19 in Iranian hospital information systems. *Health Information Management Journal*. 2023;0(0). [Available from: <https://journals.sagepub.com/doi/10.1177/18333583231199879>]

6. Shahrokhi N, **Salmani H**, Ahmadi M. The Role of Electronic Health Tools in Unwanted Pregnancy Prevention, Abortion and Post-Abortion Follow-up: A Systematic Review. Iranian Journal of Nursing and Midwifery Research. 2023. [Available from: https://journals.lww.com/jnmr/fulltext/2023/28050/the_role_of_electronic_health_tools_in_unwanted.1.aspx]
7. **Salmani H**, Nahvijou A, Sheikhtaheri A. Smartphone-based application for self-management of patients with colorectal cancer: development and usability evaluation. Supportive Care in Cancer Journal. 2022. [Available from: <https://link.springer.com/article/10.1007/s00520-021-06754-0>]
8. **Salmani H**, Ahmadi M, Shahrokhi N. The Impact of Mobile Health on Cancer Screening: A Systematic Review. Cancer informatics Journal. 2020; 19. [Available from: <https://journals.sagepub.com/doi/10.1177/1176935120954191>]
9. Islam MM, Poly TN, Walther BA, Yang HC, Wang C-W, Hsieh W-S, Atique S, **Salmani H**, Alsinglawi B, Lin MC, Jian WS and Jack Li Y-C. Clinical Characteristics and Neonatal Outcomes of Pregnant Patients with COVID-19: A Systematic Review. Journal of Frontiers in Medicine. 2020. [Available from: <https://www.frontiersin.org/articles/10.3389/fmed.2020.573468/full>]
10. Zaheer S, Butt S, Anatolyevna G, **Salmani H**. Do Mobile Technology in the Classroom Really Improve Learning Outcomes? International Journal of Evaluation and Research in Education (IJERE). 2018;7. [Available from: <http://ijere.iaescore.com/index.php/IJERE/article/view/13426>]
11. Sheikhtaheri A, **Salmani H***, Nahvijou A. Requirements of self-management applications for patients with colorectal cancer. Journal of Health Administration. 2021; 24 (1) :84-97 [Available from: <http://jha.iuums.ac.ir/article-1-3501-fa.html>]
12. Kazemi A, **Salmani H***, Shakibafard A, Fatehi F. New and Emerging Mobile Technologies for Healthcare (mHealth): A Horizon Scanning Study. Frontiers in Health Informatics Journal. 2019;8. [Available from: <http://ijmi.ir/index.php/IJMI/article/view/196>]
13. Ahmadi M, Taheri a, Yousefianzadeh O, **Salmani H**, Seifi Z. Surveying the level of the research anxiety and identifying its related factors in PhD students at Iran University of Medical Sciences. Journal of Modern Medical Information Sciences. 2020;5 (2):21-30. [Available from: http://jmis.hums.ac.ir/browse.php?%20a_id=190&sid=1&slc_lang=en%20]

Research Projects

1. **HIMSS White Paper** – Enhancing Patient Experience in Virtual Care: Leveraging Technology for Superior Care, in collaboration with the HIMSS Virtual Care Community Committee, March 2025, USA <https://www.himss.org/resources/enhancing-patient-experience-in-virtual-care-leveraging-technology-for-superior-care/>
2. Design and feasibility study of remote emergency system implementation in **Tehran University of Medical Sciences**, January 2021, <http://research.tums.ac.ir/>
3. A comparative study of the Minimum Data Set of patients with coronavirus based on WHO and CDC data and providing a model for Iranian Hospital Information Systems, March 2020. <https://ris.abadanums.ac.ir/>
4. Development of a mobile-based application for self-management of colorectal cancer, **Iran University of Medical Science**, July 2020, <http://research.iuums.ac.ir/>
5. Patient Reported Outcomes systems for treatment and diagnosis in cancer A systematic review, Iran University of Medical Science, January 2024 <http://research.iuums.ac.ir/>
6. Survey of medical university students' perspectives nationwide on online exams during the Covid-19 outbreak in 1399 (2020). <https://ris.abadanums.ac.ir/>
7. Design and implementation of a mobile-based application for monitoring health and treatment centers, June 2021. <https://ris.abadanums.ac.ir/>
8. **National Elite Foundation** project, December 2018, <https://en.bmn.ir/>
9. Surveying effective factors on research anxiety in PhD students in Iran University of Medical Science, <http://research.iuums.ac.ir/>
10. A survey on students views about using learning management system in Iran University of medical sciences, <http://research.iuums.ac.ir/>

Conference Papers

1. Oral Presentation, **Salmani H***, Development of an integrated cloud-based platform for laboratory services, International Federation of Health Information Management Associations Congress (IFHIMA), 29 October-2 November 2023, Brisbane, Australia
<https://ifhimacongress2023.com.au/>
2. Oral Presentation, **Salmani H**, Sharafi S, Almanie A, et al. Designing a comprehensive minimum dataset for patients with COVID-19 in Iranian hospital information systems, IFHIMA, 29 October-2 November 2023, Brisbane, Australia.
<https://ifhimacongress2023.com.au/>
3. Alipoor, Z.M., **Salmani, H***, The Necessity of Using the Registry Systems for Primary Ovarian Insufficiency. In: Ezziyyani, M., Kacprzyk, J., Balas, V.E. (eds) International Conference on Advanced Intelligent Systems for Sustainable Development (AI2SD'2023). AI2SD 2023. Lecture Notes in Networks and Systems, vol 905, 2024, Springer, Cham.
https://doi.org/10.1007/978-3-031-52385-4_5
4. Poster Presentation, **Salmani H**, Kazemi A, Shakibafard A, Fatehi F. New and Emerging Mobile Technologies for Healthcare (mHealth): A Horizon Scanning Review. 17th International Conference on Successes and Failures in Telehealth (SFT-17), Brisbane, Australia, 30-31 October 2017, <https://espace.library.uq.edu.au/view/UQ:697125>
5. Oral Presentation, **Salmani H***, The necessity of mobile technologies in medical education, 19th IFHIMA International Congress, 17-21 November 2019, Dubai, <https://ifhima2019.com/>
6. Oral Presentation, **Salmani H***, The use of virtual reality in healthcare, 19th IFHIMA International Congress, 17-21 November 2019, Dubai, <https://ifhima2019.com/>
7. Farahani F, **Salmani H**, Khodadadi B, Kalantari, A, Bagheri MH. Frequency of common aeroallergen in allergic rhinitis patients of Gorgan in 2016, 14th International Congress of Immunology and Allergy, April 2018, <https://en.symposia.ir/ICIAI14>

WORK EXPERIENCES

IRAN University of Medical Sciences
Invited Professor (International Campus)
iums.ac.ir

October 2024 — Present

Ministry of Health and Medical Education
behdasht.gov.ir

November 2020 — October 2022

**Iranian National population-based Cancer
- Health Deputy of Tehran University of
Medical Sciences**
Cancer Registration and Evaluation Expert
cancer.health.gov.ir

April 2018 — July 2019

**IRAN University of Medical
Sciences (IUMS)**
Teaching Assistant
iums.ac.ir

September 2018 — February 2019

**IRAN University of Medical
Sciences (IUMS)**
Research Assistant
iums.ac.ir

September 2018 — June 2019

**Research and Development (R&D),
SALAM Group**
Digital Health Researcher
<http://salam-group.ir/>

May 2019 — December 2019

Virtual Education Centre (VEC)
in Iran University of Medical Sciences
Virtual Education
vec.iums.ac.ir

October 2015 — August 2017

IRAN University of Medical Sciences (IUMS)
Learning Management System (Administrative Access)
lms.iums.ac.ir

October 2015 — August 2017

E-learning Centre in Iran University of Medical Sciences
E-learning

October 2015 — August 2017

Education Development Center (EDC) in Iran University of Medical Sciences
Education Development

October 2015 — August 2017

Research Centre in School of Health Management and Information Sciences
Researcher
[Shmis.iums.ac.ir](http://shmis.iums.ac.ir)

September 2015 — September 2016

VOLUNTEER EXPERIENCES

- **Chair** of the ConV2X Smart Tech **Scientific Committee**, 2025, New York, USA
- Member of **HIMSS Global Proposal Review Task Force**, November 2024-Present, USA
- Selected as the **MENA Ambassador** for the Women Changing The World Awards, Bahrain and Saudi Arabia from 19-29 October 2024,
<https://www.stellawomenaroundtheworld.com/events/women-changing-the-world-summit>
- **Technical and Strategic Advisory Group Expert, World Health Organization (WHO):**
 - Strategic Advisory Group on the Global Digital Health Certification Network (SAG-GDHCN), May 2025-Present
 - Clinical Platforms, February 2024-Present
 - Expert Panel for Global Digital Health Competency Framework (GDHCF), July 2025-Present
- Member of the **Education, Training, and Research (ETR)** pillar in the International Federation of Health Information Management Associations (**IFHIMA**), May 2024- Present
- Member of **HIMSS Telehealth and Virtual Care Committee**, January 2023-Present, Chicago, USA
- Secretary of Student Research and Technology Committee, School of Health Management and Information Sciences, Iran University of Medical Sciences, Tehran, Iran - October 2023-2024,
<https://src.iums.ac.ir/>
- **Reviewer** at HIMSS 2023-2026 Global Health Conference and Exhibition, 3-6 March, Chicago, Orlando, Las Vegas, USA, <https://www.himss.org/global-conference>
- Invited **Judge** for the 5th -7th Annual Digital Health Hub Foundation Digital Health Awards, HLTH, 8-11 October 2023 and 2025, USA, <https://www.digitalhealthhub.org/>
- Reviewer at MEDINFO23- The 19th World Congress on Medical and Health Informatics- Australasian Institute of Digital Health, 8-12 July, Sydney, Australia, <https://medinfo2023.org/>
- **Editor, Coordinator, and Reviewer** at Frontier's Journals, 2022- Present
- **Review Editor** at Frontiers in Medicine, 2022, <https://www.frontiersin.org/journals/medicine>
- Reviewer for Springer Nature, BMC, JMIR, Frontiers, Taylor & Francis, Hindawi and PLOS One journals, 2022.
- **Head** of Research Committee of Iranian Student Health Information Technology Association, February 2020, December 2020, <https://hitums.ir/>
- International Federation of Health Information Management Associations (IFHIMA) Membership, October 2024- January 2028, <https://ifhima.org/>
- Healthcare Information and Management Systems Society (HIMSS) Membership, October 2021- Present, <https://www.himss.org/>
- Institute for Systems and Technologies of Information, Control and Communication (INSTICC)

Membership, January 2022-December 2023, <https://portal.insticc.org/>

- AMEE Translator (Persian Translations), An International Association for Medical Education, The AMEE Guides 105 "Mobile technologies in medical education"

<https://amee.org/publications/translations>

- Translator, Coursera Course Certificates, April 2016, <https://translate-coursera.org/>

PROFESSIONAL DEVELOPMENT

- Certificate of attendance at HIMSS22- Global Health Conference and Exhibition, March 14–18, 2022, Orlando, USA.
- Certificate of attendance at 3rd MENA Telehealth and 26th ISfTeH conferences 2022, 7-8 March 2022, Dubai.
- Certificate of attendance at Machine Learning and AI for Healthcare Forum, HIMSS Event, 14–15 December 2021.
- Certificate of attendance at Healthcare Cybersecurity Forum, HIMSS Event, 6–7 December 2021.
- Certificate of attendance at HIMSS21 Middle East Conference, 21–23 November 2021, Saudi Arabia.
- Certificate of attendance at the HIMSS21- Global Health Conference and Exhibition, 9-13 August 2021, Las Vegas, USA.
- Certificate of attendance at the HIMSS21, APAC Health Conference and Exhibition, 18–19 October 2021, Singapore.
- Certificate of attendance at GCC eHealth Workforce Development Conference (eHWDC 2021), mwanevents, 7-8 November 2021, Dubai.
- Certificate of attendance at the Australian Digital Health Institute "From the Frontlines: Emerging from the COVID-19 Pandemic" in June 2020, Melbourne, Australia.
- Certificate of poster presentation from Shiraz second International Congress on m-Health in February 2017.
- Certificate of poster presentation from Successes and Failures in Telehealth Conference 2017, SFT17, Brisbane, Australia.
- Certificate of oral presentations from 19th IFHIMA International Congress, 17-21 November 2019, Dubai.
- Certificate of oral presentations from National Conference of E-Learning Necessity and Opportunities, 10 March 2021, Tehran, Iran.
- Certificate of activation in E-learning Center, IRAN University of Medical Sciences, Tehran, Iran.
- Certificate of participation in the 8th national conference of E-learning in Medical Education in February 2016, Tehran, Iran.
- Certificate of participation in the 9th national conference of E-learning in Medical Education in February 2018, Mashhad, Iran.
- Certificate of poster presentation from E-learning in Medical Education Conference in Feb 2018, Mashhad, Iran.
- Certificate of participation in the Startup prop in 2017, Tehran, Iran.
- Certificate of activation in student committee, Tehran, Iran.
- Certificate of the Storyline, Camtasia, Video Scribe, Creating Educational contents, writing an article, writing the proposal, EndNote, Evaluation of Mobile Health, Data mining.
- Android Developer in September 2017
- Certificate of activation in responsibility for research workshops.
- English diploma from Kish institute in April 2017
- English Advanced (CAE) from Kish institute in March 2018
- English Proficiency (CPE) from Kish institute in December 2020

SKILLS AND INTERESTS

- Health Information Technology (HIT)
- Health Information Management (HIM)
- Mobile Health (mHealth)
- Internet of Things (IoT)
- Artificial Intelligence (AI)
- Digital Health and eHealth
- Innovations in Healthcare
- Medical Informatics and Health Informatics
- Patient Registry
- Patient-centered care

- electronic Patient Reported Outcomes (ePRO)
 - Remote Monitoring
 - Telehealth
 - Patient Engagement
 - Medical Coding, ICD-11, ICD-10, ICD-O
 - Virtual Reality/Augmented Reality/Mixed Reality in Healthcare
 - E-journal Club, E-learning, Create Educational Content, Story Line, Camtasia, Video Scribe, Photoshop
 - Microsoft Office, Translation, English, Research
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LANGUAGES

- **English** - Professional working proficiency
- **Persian** - Native or bilingual proficiency
- **Arabic** - Limited working proficiency
- **Turkish** - Limited working proficiency