Ramy Shaaban, MD. PhD.

EGYPT

Arab Academy for Science, Technology, and Maritime Services
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UNITED STATES OF AMERICA

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EDUCATION

AUGUST 2020   **DOCTOR OF PHILOSOPHY (PH.D.), COMMUNICATIONS MEDIA AND INSTRUCTIONAL TECHNOLOGIES**
Indiana University of Pennsylvania, Indiana, PA. USA
Dissertation Title: Examining audiology students' clinical reasoning skills and satisfaction with audiology simulation cases aided with no collaboration, live collaboration, & virtual collaboration. Supervisor: Dr. James Lenze.

AUGUST 2015   **MASTER OF ARTS (M.A.), ADULT EDUCATION AND COMMUNICATIONS TECHNOLOGY**
Indiana University of Pennsylvania, Indiana, PA. USA
Thesis Title: Examining and comparing the use of technology in medical education in Egypt and the United States of America. Adviser: Dr. Gary J. Dean.

OCTOBER 2009   **DOCTOR OF MEDICINE (M.B.B.CH.)**
Faculty of Medicine, Alexandria University, Alexandria, Egypt
Three years of undergraduate basic medical education, three years of undergraduate clinical medical education, one year of internship in departments of Pediatrics, Orthopedics, Geriatrics, Plastic Surgery, Anesthesiology, Obstetrics and Gynecology, two years of residency in the Department of Otolaryngology and Head & Neck Surgery.

EXPERIENCE

September 2021 - present   **ASSOCIATE PROFESSOR OF MEDICAL EDUCATION**
College of Medicine
Arab Academy for Science, Technology, and Maritime Transport
Alamein, Egypt

July 2020 –
Present

ASSISTANT PROFESSOR OF INSTRUCTIONAL TECHNOLOGY AND LEARNING SCIENCES
Department of Instructional Technology and Learning Sciences
Emma Eccles Jones School of Education and Human Services, Utah State University
Logan, Utah, United Stated of America

Job Description
- Teach Human Experience Design and Interaction classes with specialization in Game and Multimedia Design
- Coordinator of the Human Experience Design and Interaction (HEDI) Bachelor of Science program
- Coordinator of the Multimedia Development Minor
- Coordinator of the ITLS Ed.S. Program
- Internship Advisor for HEDI BS program
- Member of the ITLS Curriculum Committee
- Member of the ITLS Diversity and Inclusion Committee
- Faculty Advisor of the ITLS Design Lab
- Faculty Advisor of the Esports Club, and Esports Lab
- Temporary Advisor of the ITLS MS Program

Assigned Classes
- ITLS 2890, 2900, 4890, 4900, 4910, 4940, 4960: Work Experience Equivalent/Internships/Capstone Project/URCO
- ITLS 4210: Virtual Environment Development
- ITLS 3560: Character and Level Design
- ITLS 4410: Intro to eSports
- ITLS 3000: HEDI Orientation

June 2019 –
May 2020

POST DOCTORAL RESEARCH FELLOW
Department of Surgical Services, Clinical Growth and Transformation
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio, United States of America

Job Description
- Design and develop virtual medical training for residents, fellow, and practicing physicians.
- Design interactive clinical cases in the field of Pediatric Surgery.
- Research new solutions using emerging technology for the current issues in medical education.

January 2020 –
June 2020

LECTURER OF MULTIMEDIA PRODUCTION
Donald Belisario College of Communication, Penn State – University Park
State College, Pennsylvania, United States of America

Job Description
- Teach multimedia production to undergraduate comm major students including Raster/Vector design, motion picture/video production, HTML/CSS design, video editing and online portfolio creation.

Assigned Classes
- COMM271: Introduction to Multimedia Production

August 2019 – June 2020

ADJUNCT LECTURER OF COMMUNICATIONS MEDIA AND INSTRUCTIONAL TECHNOLOGY
Department of Communications Media, Indiana University of Pennsylvania. Indiana, Pennsylvania, United States of America.

Job Description
- Teach media and game production classes, which includes Game design, 2D and 3D video-game development, 3D animation, video production, virtual reality production and online media production classes for undergraduate Communications Media students.
- Design, and develop simulation-based programs for the Department of Communication Disorders, Special Education, and Disability Services.

Assigned Classes
- Fall 2019, COMM 206: History and Theory of Making Games.
- Fall 2019, COMM 281: Digital Video Editing.
- Spring 2020, COMM 306: 2D Digital Videogame Development.
- Spring 2020, COMM 281: Fundamentals of VR and 360 Immersive Experience.

August 2017 – July 2019

TEACHING ASSOCIATE OF COMMUNICATIONS MEDIA AND INSTRUCTIONAL TECHNOLOGY
Department of Communications Media, Indiana University of Pennsylvania. Indiana, Pennsylvania, United States of America.

Job Description
- Taught media and game production classes, which includes: Game design, 2D and 3D video-game development, 3D animation, video production and online media production classes for undergraduate Communications Media students.
- Designed, and developed simulation-based programs for the Department of Communication Disorders, Special Education, and Disability Services.

- Designed media content for the Department of Communications Media.

Assigned Classes
- Fall 2017, COMM 206: History and Theory of Making Games.
- Fall 2017, COMM 348: 3D Animation.
- Spring 2018, COMM 207: Online Media Production.
- Spring 2018, COMM 306: 2D Digital Videogame Development.
- Fall 2018, COMM 206: History and Theory of Making Games.
- Fall 2018, COMM 348: 3D Animation.
- Spring 2019, COMM 306: 2D Digital Videogame Development.
- Spring 2019, COMM 281: Special Topics: Advanced Video Editing.

Volunteer Teaching
- Fall 2016: Video Editing: Adobe Premiere Workshops
- Spring 2017: Advanced Video Editing: Adobe After Effects Workshops
- Spring 2019: 3D Game Development, VR Game Production, VR Video Production Workshops

August 2016 - May 2017

GRADUATE ASSISTANT / INSTRUCTIONAL DESIGNER AND MEDIA PRODUCER
Center for Media Production and Research (CMPR), Indiana University of Pennsylvania.
Indiana, Pennsylvania, United States of America.

Job Description
- Designed, and developed media contents for clients of CMPR.
- Provided workshops in multimedia production

June 2015 – May 2016

GRADUATE RESEARCH ASSISTANT OF INSTRUCTIONAL DESIGN AND TECHNOLOGY
Department of Adult and Community Education, Indiana University of Pennsylvania.
Indiana, Pennsylvania, United States of America.

Job Description
1- Assisted in qualitative research on organizational factors that affect online adult education programs in the United States of America.
2- Designed marketing materials for the Department of Adult and Community Education.

April 2014 – August 2015

SENIOR INSTRUCTIONAL DESIGNER
College of Education and Communications. Indiana University of Pennsylvania.

Indiana, Pennsylvania, United States of America.

Job Description
1- Worked on ACT for autism project under ASERT grant, built e-courses for first responders on how to deal with people with ASD.
2- Developed online courses for Autism Society of Pittsburgh.

March 2011 – August 2013

TEACHING ASSISTANT OF MEDICAL EDUCATION, SIMULATION, AND TECHNOLOGY
Department of Medical Education, Faculty of Medicine, Alexandria University.
Alexandria, Egypt.

Job Description
1- Taught and assisted in teaching lectures in the field of medical educational technology.
2- Built and developed online courses for undergraduate and postgraduate students.
3- Built virtual and mobile learning applications.

March 2011 - August 2013

OTOLARYNGOLOGY AND HEAD & NECK SURGERY VISITOR RESIDENT
Alexandria University Hospital, Faculty of Medicine, Alexandria University.
Alexandria, Egypt.

Job Description
1- Medical and surgical management of otologic, rhinologic, and head & neck problems.
2- Clinical and administrative services in the Department of Otolaryngology and Head & Neck Surgery.

March 2011 - September 2011

GENERAL MEDICAL PRACTITIONER
Alexandria Main University Hospital, Faculty of Medicine, Alexandria University.
Alexandria, Egypt.

Job Description
1- Dealt with general medical cases.
2- Referred patients from the primary care unit to secondary and tertiary care units.

March 2010 - March 2011

MEDICAL HOUSE OFFICER
Alexandria Main University Hospital, Faculty of Medicine, University of Alexandria.

Alexandria, Egypt.

Job Description
Trainee physician under supervision of the medical staff of Alexandria
University Main Hospital.

RESEARCH

PUBLICATIONS   **Shaaban, R.,** Ghazy, R. M., Elsherif, F., Ali, N., Yakoub, Y., Aly, M. O.,
ElMakhzangy, R., et al. (2022). COVID-19 Vaccine Acceptance
among Social Media Users: A Content Analysis, Multi-Continent
Study. *International Journal of Environmental Research and Public
Health*, *19*(9), 5737. MDPI AG. Retrieved from
http://dx.doi.org/10.3390/ijerph19095737

Shaaban, R., & Richburg, C. M. (2022). Examining Audiology Students'
Clinical Collaboration Skills When Using Virtual Audiology Cases
Aided With No Collaboration, Live Collaboration, and Virtual
Collaboration. *American Journal of Audiology*, 1-11.

Ashmawy, R., Hamdy, N., Elhadi, Y., Alqutub, S., Esmail, O., Abdou, M.,
Reyad, O., El-ganainy, S., Gad, B., Nour El-Deen, A., Kamal, A.,
ElSaieh, H., Elrewiny, E., **Shaaban, R.**, Ghazy, R. (2022). A meta-
analysis on the safety and immunogenicity of COVID-19 vaccines.
Journal of Primary Care and Community Health.

Ghazy, R.M.; Ashmawy, R.; Hamdy, N.A.; Elhadi, Y.A.M.; Reyad, O.A.;
Elmalawany, D.; Almaghraby, A.; **Shaaban, R.;** Taha, S.H.N. Efficacy
and Effectiveness of SARS-CoV-2 Vaccines: A Systematic Review
and Meta-Analysis. *Vaccines* 2022, *10*, 350.
https://doi.org/10.3390/vaccines10030350

Elhadi, Y., Ahmed, A., Ghazy, R., Salih, E., Abdelhamed, O., **Shaaban, R.**
Mohamed, H., Mohamed, A., Dabbah, N., Zaghloul, A. (2021).
Healthcare Utilization with Drug Acquisition and Expenses at the
National Health Insurance Fund in Sudan. *Int. J. Environ. Res. Public
Health* 2021, *18*

Abd ElHafeez S, Elbarazi I, **Shaaban R**, ElMakhzangy R, Ossama Aly M, et al.
(2021) Arabic validation and cross-cultural adaptation of the 5C
scale for assessment of COVID-19 vaccines psychological
antecedents. PLOS ONE 16(8):
e0254595. https://doi.org/10.1371/journal.pone.0254595

Ghazy, R.M., Abdel ElHafeez, S., **Shaaban, R.**, Elbarazi, I., Abdou, M.S. (2021) Determining the cutoff points of the 5C scale for assessment of COVID-19 vaccines psychological antecedents among the Arab population: A multinational study. Journal of Primary Care & Community Health 12, 21501327211018568

Ghazy, R.M., Almaghraby, A., **Shaaban, R.** et al. (2020) A systematic review and meta-analysis on chloroquine and hydroxychloroquine as monotherapy or combined with azithromycin in COVID-19 treatment. *Sci Rep* 10, 22139. https://doi.org/10.1038/s41598-020-77748-x

Abdelmalak, M., Waheeb, S., Khairi, A., Eltagy, G., **Shaaban, R.,** et al. (2020). *Study of associated congenital malformations affect the management of cloacal patients.* Seminar in Pediatric Surgery. 5(29).

CONFERENCE
PRESENTATIONS

Shaaban, R. (2021) *Esportifying Medical Education.* International Academic Conference on Education. Barcelona, Spain.

Shaaban, R. (2020). *Enhancing Clinical Reasoning Skills of Medical Students and Graduates Through Gamification, Scaffolding, and Virtual Collaboration.* Poster will be presented in the Global Forum for Higher Education and Scientific Research Medical Education Summit 2020, New Capital, Egypt.

Clark, E., **Shaaban, R.**, Lombard, L., & Hsiao, P. (2019). *Build a Simulation Lab and Develop a Scaffolded Acute Care Practicum Course.* The Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) 2019 Conference, San Diego, CA.

Shaaban, R. (2018). *Exploring International Students Experience with Healthcare in the USA: Identifying Barriers and Strategies*. Paper presented at The Qualitative Report (TQR) 2018 Conference, Nova Southeastern University, Fort Lauderdale, FL.

Shaaban, R. (2017). *Healthcare communication differences between Egyptians, Indonesians, and Americans: A Comparative Study*. Paper presented at Indonesia Focus 2017 Conference, Lexington, KY.

Shaaban, R. (2017). *Social Network-Based Virtual Patients: A New Concept to Virtual Patients' Design*. Paper presented at Harvard University,

Cambridge, MA.

Shaaban, R. (2017). *Barriers in healthcare communication among international students studying in USA*. Poster presented at International Conference on Communication in Healthcare and Health Literacy. ICCH-HARC 2017. Baltimore, MD.

Alharthi, M., & **Shaaban, R.** (2016). *Arab Media Role in Arab Spring: Framing Analysis*. Paper presented at the Laurel Highlands Communication Conference LHCC, Indiana, PA.

Natale, D. W., Vodopyanova, N., Wanderse, W. A., & **Shaaban, R.** (2016). *Gender in Business as Portrayed on the Covers of the US and Egyptian Business Magazines.* Paper presented at the Laurel Highlands Communication Conference LHCC, Indiana, PA.

Shaaban, R. (2016). *Portrayal of immigrant patients having cancer in U.S. TV shows: Content analysis*. Paper presented at the Popular Culture Association/American Culture Association PCA/ACA, Seattle, WA.

Shaaban, R. (2016). *Team-Based Learning.* Paper presented at the 34th Annual Conference of Alexandria Faculty of Medicine, Alexandria, Egypt.

Shaaban, R., & Alharthi, M. (2016). *Framing Arab Spring: A Documentary Film*. Documentary film presented at the Laurel Highlands Communication Conference, Indiana, PA.

Alsayed, A., **Shaaban, R.**, Salah, I., Abdelmalak, M. (2009). *Virtual Medical Education*. Paper presented at the 1st annual conference on "Medical Education Future and Challenges" represented by Beirut Arab University, Beirut, Lebanon.

Shaaban, R. (2008). *Alexandria Virtual School of Medicine.* Paper presented at the 29th Annual Scientific Congress "Future Medicine", Faculty of Medicine, Alexandria, Egypt.

Shaaban, R. (2006). *Establishing E-Learning Unit at AFM.* Paper presented at the 27th Annual Scientific Congress "Medical Research", Faculty of Medicine, Alexandria, Egypt.

Shaaban, R. (2005). *Virtual projects at AFM.* Paper presented at the 26th

Annual Scientific Congress, Faculty of Medicine, Alexandria, Egypt.

Shaaban, R. (2003). *Student to Student E-Learning*. Paper presented at the 23rd Annual Scientific Congress, Bibliotheca Alexandrina, Alexandria, Egypt.

CONFERENCE PRECEEDINGS
Alharthi, M., & **Shaaban, R.** (2016). *Arab Media Role in Arab Spring: Framing Analysis*. Paper presented at the Laurel Highlands Communication Conference LHCC, Indiana, PA.

Natale, D. W., Vodopyanova, N., Wanderse, W. A., & **Shaaban, R.** (2016). *Gender in Business as Portrayed on the Covers of the US and Egyptian Business Magazines.* Paper presented at the Laurel Highlands Communication Conference LHCC, Indiana, PA.

MASTER THESIS
Shaaban, R. M. K. (2015). Examining and Comparing the Use of Technology in Medical Education in Egypt and the United States of America: A Literature Review (Master Thesis, Indiana University of Pennsylvania).

DOCTORAL DISSERTATION
Shaaban, R. M. K. (2020). Examining Audiology Students' Clinical Reasoning Skills and Satisfaction with Audiology Simulation Cases Aided with No Collaboration, Live Collaboration, & Virtual Collaboration.

SCHOLARSHIPS AND GRANTS

- Academic Computing Policy Advisory Committee Innovation Fund for VR Lab ($2,360) (2019)
- Teaching Assistantship at Communications Media Department ($24,414) (2018-2019)
- College of Education and Communications, Dean's Merit Scholarship ($500) (2018-2019)
- Communications Media Doctoral Scholarship ($500) (2018-2019)
- Academic Computing Policy Advisory Committee Innovation Fund for VR Lab ($2,500) (2018)
- School of Graduate Studies and Research, Travel Grant ($1050) (2018-2019)
- Teaching Assistantship at Communications Media Department ($24,414) (2017-2018)
- School of Graduate Studies and Research, Travel Grant ($950) (2017-2018)
- Graduate Assistantship at Communications Media Department ($18,000) (2016-2017)
- School of Graduate Studies and Research, Travel Grant ($950) (2016-2017)
- Graduate Assistantship Award at Adult and Community Education ($18,000) (2015-2016)
- School of Graduate Studies and Research, Travel Grant ($950) (2015-2016)

- USAID Scholarship to study masters' program in educational technology for 2 years in a U.S. university. This scholarship was under USAID/Cairo initiative for Egyptian exchange students. ($94,000) (2013-2015)
- Khalifa Award for Education: UAE's award for the Best Project and Innovative Educational Program in the Middle East (Virtual Medical School). (100,000 AED) (2010)
- Grant from Alexandria Faculty of Medicine to conduct a presentation on "Student-to-Student E-Learning" at 1st annual international conference on "Medical Education Future and Challenges" represented by Beirut Arab University, Beirut, Lebanon. (2009)

SERVICE

Member of the ITLS Curriculum Committee, USU (August 2020 – Present)
Propose and design new courses, update current curriculum, update policy related to curriculum changes

Member of the ITLS Diversity and Inclusion Committee, USU (August 2020 – Present)
Propose and establish policies related to diversity and inclusion in the ITLS department and address current diversity and inclusion issues among students.

Faculty Advisor of Esports Club at Utah State University (July 2020 – Present)
Esports club aims to build teams that represent Utah State University in various Esports games.

Member of Recruitment and Retention Committee in the Department of Communications Media, Indiana University of Pennsylvania (August 2019 – June 2020)
The committee serves to promote the Department's programs. The activities include designing promotional materials, establishing marketing campaigns to other areas in Pennsylvania and neighbor states.

Faculty Advisor of Esports Club at Indiana University of Pennsylvania (August 2019 – June 2020)
Esports club aims to build teams that represent Indiana University of Pennsylvania in various Esports games.

Faculty Advisor of Egyptian Student Association (ESA) at Indiana University of Pennsylvania (August 2018 – June 2020)
ESA hold cultural events about Egypt and participate in the international events at Indiana University of Pennsylvania.

Advanced Media/VR/Game Production Workshops (August 2017 – August 2018)
Provides workshops in advanced production areas such as video production, 3D game development, 3D animation, Virtual Reality production.

Autism Society of Pittsburgh Online Courses (July 2016 to August 2017)
Working as an instructional designer and a developer, developing online interactive courses for

First Responders who deal with persons with ASD in Pittsburgh area.

ACT for Autism Training (July 2013 to June 2015)
Working as an instructional designer, and a developer, the project continues to be supported by an external award of $30,000 from the Pennsylvania Department of Health (DoH) and Autism Services, Education, Resources, Training (ASERT).

HONORS AND AWARDS

Alexandria University Award (2011)
For Efforts in the process of accreditation of Alexandria Faculty of Medicine. Honored for writing a strategic plan for E-Learning Unit which was a positive point in the accreditation evaluation process.

Khalifa Award for Education (2010)
Emirates' awards for Best Projects and Innovative Educational Programs in the Middle East (Virtual Medical School). Acted as a 'Founder and Team Leader' for this project.

Alexandria University Honorary Shield (2009)
For "Efforts in Constructing and Developing the Official Website of Alexandria Faculty of medicine and participation in the Development of Medical Education Department.

Google/Egypt Award for Efforts in Google "Knol" Establishment in Alexandria, Egypt (2008)
Google "Knol" project was a project aiming to provide database of articles created by students in Arabic Language.

For further information, requests for documents, kindly contact me at ramy.shaaban@usu.edu