

CURRICULUM VITAE

1. PERSONAL DATA

Name: Rana Aly Mohamed Elbeshbeishy

Nationality: Canadian

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2. ACADEMIC/PROFESSIONAL PARTICULARS

(a) Field of Specialization:

MD, PhD Anatomy, Histology & Embryology, M.Ed Health Professions Education

(b) Academic Qualifications

- MHEP. (M.Ed Concentration in Health Professions Education) (2019), Faculty of Education, Ottawa University, Ontario, Canada, N/A Graduated with Honors
- PhD Medical Sciences (Anatomy, Embryology (2000), Faculty of Medicine, Ain Shams University, Cairo, Egypt, The vomeronasal organ in man, N/A
- MSc Medical Sciences (Anatomy, Embryology & Histology)(1996) Faculty of Medicine, Ain Shams University, Cairo, Egypt, Effect of Cyclosporine A on bilharzial liver fibrosis in Schistosoma mansoni infected mice, N/A, Graduated with Very Good with Honors
- MD (MBBCh) (Medicine & Surgery) (1990) Faculty of Medicine, Ain Shams University, Cairo, Egypt, N/A, Graduated with "Very Good" ranking with Honors

(c) Academic Honors and Awards

- Award for Graduation from MSc of Education with High Distinction, University of Ottawa, 2019
- Award & Certificate of Appreciation & Gratitude, King Abdulaziz University, Jeddah, Saudi Arabia, 2015
- Distinct Associate Professor Award, King Abdulaziz University, Jeddah, Saudi Arabia, 2011
- Award for participation and outstanding extracurricular influence, Ministry of health, Faculty of health sciences, Jeddah, Saudi Arabia, 2006
- Scholastic Achievement Award for high scoring in Master's degree , Ain Shams University, Cairo, Egypt, 1997

(d) Membership of Professional Bodies

- Alumni Association of the University of Ottawa, 06/19
- Department of Innovation in Medical education (DIME), member, Faculty of Medicine, University of Ottawa, 01/15
- Egyptian Organization of Anthropologist, 01/00
- Egyptian Organization of Anatomist, 06/95
- Ain Shams University Staff Member,, Faculty of Medicine, Ain Shams University, 07/93
- Egyptian Syndicate of Physicians & Surgeons, 02/92

(e) Language Proficiency

- English spoken/written Excellent
- French spoken/written Good
- Arabic spoken/written Excellent

3. CAREER DETAILS

(a) Academic Positions Held

- Visiting Professor, College of Dentistry, Ajman University, United Arabs of Emirates (09/2021-present)
- Professor, Faculty of Medicine, University of Ottawa, Ontario, Canada (01/15-05/22)
- Small Group Learning Facilitator, Faculty of Medicine, University of Ottawa, Ontario, Canada (03/16-present)
- Anatomy workshop for Biomedical Engineering Students, Carleton University (10/17-10/19)
- Faculty Evaluator & Educator (Medical education interest group) (volunteer work), Faculty of Medicine, University of Ottawa, Ontario, Canada (02/15-02/16)
- Professor of Anatomy and Embryology, Faculty of Medicine, Ain Shams & King Abdulaziz Universities, Egypt & Saudi Arabia (2004-2015)
- Clinical Demonstrator, Lecturer & Assistant Professor of Anatomy & Embryology, Ain Shams University, Egypt (1993-2004)

(b) Professional/Industrial Positions Held

- Resident Obstetrics-Gynecology, *Fakhry General Hospital, Khobar, Saudi Arabia* (1997-1998)
- Resident in Oncology Department (Radiotherapist and Chemotherapist), *Ain Shams University Hospitals, Cairo, Egypt* (1992-1993)

(c) Administrative Positions Held (Dates: MM/YY-MM/YY)

- Course coordinator, Faculty of Medicine, University of Ottawa, Ontario, Canada (01/20- 06/20)
- Course coordinator, College of Dentistry, Ajman University, United Arabs of Emirates (09/2021-present)

4. Teaching

(a) Summary of Courses Taught

- BDS110 Head and Neck Anatomy I for 1st year dental students, & DDS106 Head and Neck Anatomy I for dental students College of Dentistry, Ajman University, 4.9 student evaluation
- BDS202/DDS202 Head and Neck Anatomy II for 2nd year dental students, College of Dentistry, Ajman University, 4.8 student evaluation
- General Medicine and Infectious diseases BDS208/DDS206 for 2nd year dental students, College of Dentistry, Ajman University
- ANP1106 Human Anatomy and physiology for undergraduate students of Health sciences, nursing and biomedical sciences, University of Ottawa 1, 4.8
- MED 1201 & 1202 Anatomy courses for first year Medicine, University of Ottawa, 6 times, 4.9
- MED 2201 & 2202 for second year Medicine, University of Ottawa, 6 times, 4.9
- Case-Based Learning Foundation Unit, Unit II & III Medical sessions: Gastrointestinal, Renal/Hypertension, Environmental/Food Allergy, Haematology, Reproduction, Respiratory Immunology/Infectious Diseases, Neurology, 6 times, 4.7
- Professionalism Course for Foundation Unit and Unit I. 3 times, N/A
- FOND101 Foundation Course for first year Medicine, King Abdulaziz University, 4 times, N/A

- ANTM212 General Anatomy Course for students of second year Medicine, King Abdulaziz University, Saudi Arabia, 4 times, N/A
- ANTM213 Embryology core course for students of second year Medicine, King Abdulaziz University, Saudi Arabia, 3 times, N/A
- SYS220 Musculoskeletal system module for students of second year Medicine, King Abdulaziz University, Saudi Arabia, N/A
- SYS221 Cardiovascular system module for students of second year Medicine, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- SYS222 Respiratory system module for students of second year Medicine, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- SYS223 Immune, Blood, Lymphatic, for students of second year Medicine, King Abdulaziz University, Saudi Arabia, 4 times, N/A
- SYS328 Gastrointestinal system module for students of third year Medicine, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- SYS329 Nervous system and special senses module for students of third year Medicine, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- SYS327 Urinary system module for students of third year Medicine, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- SYS326 Reproductive system module for students of third year Medicine, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- ANTD 201 Gross Anatomy of Head and Neck, Neuro and Thorax for students of second year Dentistry, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- Gross anatomy to students of second year pharmacy, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- Gross anatomy to students of second year physiotherapy, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- Gross anatomy to students of second year nursing, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- ANTT 208XA Anatomy to students of second year medical technology, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- Tutor for Problem based learning (PBL) sessions to medical students, King Abdulaziz University, Saudi Arabia, 5 times, N/A
- Written and Practical (OSCE) Examination supervisor, for all faculties of King Abdulaziz University, Saudi Arabia, 10 times, N/A

(b) Participation in Academic Accreditation

Faculty of Applied Medical Sciences > Medical Laboratory Technology Department – MLT, Professor of Anatomy responsible for the accreditation for the Anatomy curriculum, King Abdulaziz University Hospital, Royal College of Physicians and Surgeons of Canada, 09/12-12/14

(c) Research Students Supervised/Trained

Level	Number of Trainees
Master Students	2
Undergraduate Students	1

(d) Participation in Thesis and Oral Examination Committees

Level	Number of Examinations
Undergraduate students	14
Master Students	2

(e) Training

1. Curriculum mapping as a tool for curriculum alignment and Improvement, Ajman University, 2023
2. Problem solving tools and techniques, Ajman University, 2023
3. Leadership theory and practice, Ajman University, 2023
4. Preparing and creating lesson plans, Ajman University, 2023
5. Managing Online Meetings, Ajman University, 2023
6. Engaging Students with Project-Based Learning, Qaspir, Qedex, Ajman University, 03/07/2022
7. Course Planning, Qaspir, Qedex, Ajman University, 03/06/2022
8. How to Identify and Survive a Toxic Workplace, Qaspir, Qedex, Ajman University, 02/13/2022
9. Assessment and Evaluation in Online Learning, Qaspir, Qedex, Ajman University, 02/12/2022
10. Engaging All Learners with Universal Design for Learning, Academic Impressions, Ajman University, 02/16/2022
11. Plan Ahead (Academic Advising), Ajman University, 11/23/2021
12. Developing Life-Long Learning Competencies in Undergraduate Students through Visual Thinking Strategies, Ajman University, 11/18/2021
13. Banner Features: Track Attendance & Grade Entry, Ajman University, 09/09/2021
14. Benefits of simulation in patient care and education, University of Ottawa, Ontario, Canada, 12/20-12/20
15. Webinars on online teaching: Synchronous and Asynchronous classes engagement, University of Ottawa, Ontario, Canada, 04/20-12/20
16. Webinars on Course Design, Virtual Assessments and Educational Resources, University of Ottawa, Ontario, Canada, 01/20-12/20
17. Essentials for Academic Leadership, University of Ottawa, Ontario, Canada, 01/17-05/17
18. Virtual and Augmented Reality in Higher Education (Perspective TLSS symposium), University of Ottawa, Ontario, Canada, 02/17-02/17
19. Communication & Facilitation Tips for an Engaging, Positive & Successful Teaching Experience, University of Ottawa, Ontario, Canada, 02/17-05/17
20. Excellence in Teaching: Incorporating New Paradigms in Teaching: Critical Thinking/Problem Solving Simulation, University of Ottawa, Ontario, Canada, 01/16-12/17
21. Management of case based learning (CBL) sessions, University of Ottawa, Ontario, Canada, 01/15-01/15
22. Blended course design and active learning, University of Ottawa, Ontario, Canada, 01/16-01/16
23. Excellence in Teaching: Give and Receive Feedback, Assessment tools, Quality of teaching and technology, University of Ottawa, Ontario, Canada, 01/16-05/16
24. Building the student instructor relationship in large class, University of Ottawa, Ontario, Canada, 03/16-03/16
25. Overview of the undergraduate medical education curriculum & New faculty orientation program, University of Ottawa, Ontario, Canada, 08/16-09/16
26. Journalology: A Workshop on Scientific Writing, Publishing and Peer Review, University of Ottawa, Ontario, Canada, 10/16-10/16
27. Understanding the Medical Student: Implications for Medical Education (Seminar), University of Ottawa, Ontario, Canada, 11/16-11/16
28. Blackboard essential training E-learning, King Abdulaziz University, Jeddah, Saudi Arabia, 01/14-01/14
29. Mind mapping: A versatile medical education tool, King Abdulaziz University, Jeddah, Saudi Arabia, 03/13-03/13

30. Academic counselling, King Abdulaziz University, Jeddah, Saudi Arabia, 02/12-02/12
31. Application of research methodology in medical education, King Abdulaziz University, Jeddah, Saudi Arabia, 09/12-09/12
32. Introduction to the new integrated curriculum, King Abdulaziz University, Jeddah, Saudi Arabia, 01/11-01/11
33. Modern trends in undergraduate medical curriculum and curriculum design, King Abdulaziz University, Jeddah, Saudi Arabia, 10/11-10/11
34. Formative assessment and Reflection, King Abdulaziz University, Jeddah, Saudi Arabia, 04/10-04/10
35. Learning & Teaching communication Skills, King Abdulaziz University, Jeddah, Saudi Arabia, 05/10-05/10
36. Ministry of health Examination systems and appropriate evaluation of learning, Ain Shams University, Cairo, Egypt, 07/09-07/09
37. Writing scientific research and its international publication, Ain Shams University, Cairo, Egypt, 07/06-07/06
38. Course design, Ain Shams University, Cairo, Egypt, 08/06-08/06
39. University teacher preparation Certificate, , Ain Shams University, Cairo, Egypt, 07/00-08/00

5. RESEARCH

(a) Research Interests

1. Modernization of Health care education.
2. Histological and/or Pathological Effects of drugs and performance enhancement substances on the human body.
3. Anatomical and pathological studies of some injuries.
4. Human anatomical variations and ethnic measurements.

(b) Publications/Citations Data

Type of Publication	Number of Publications
Articles in International Refereed Journals	14
Conference Papers	2
Books/Book Chapters	1
Citation Source	Number of Citations
Research Gate	111

(c) Research Grants

1. Research grant, Co-Investigator, Effect of Energy Drinks on the Structure of Different Body organs of Albino Rat. Could Omega 3 protect against this effect? Immunohistochemical Study, King Abdulaziz University, Jeddah, Saudi Arabia, 03/2013-02/2016, 10000 Saudi Riyals
2. Research grant, Co-Investigator, Role of expression of cell adhesion molecules on the histogenesis of rat mammary gland during pregnancy and lactation, King Abdulaziz University, Jeddah, Saudi Arabia, 09/2010-02/2014, 25000 Saudi Riyals
3. Research grant, Principal Investigator, Anatomical variations of the extensor tendons to the fingers over the dorsum of the hand: A study of 50 Hands and a review of the Literature, King Abdulaziz University, Jeddah, Saudi Arabia, 03/2011-02/2013, 10000 Saudi Riyals

(e) Participation in Regional & International Conferences

- Anatomical Society Virtual Conference Vision and Visualization Winter Meeting 6th-8th Jan 2021
- Jean-Paul Dionne Symposium, Faculty of Education, University of Ottawa, Ontario, Canada, 03/2018
- Meridith Marks Day, University of Ottawa, Ontario, Canada, 06/04/2018
- Meridith Marks Day, University of Ottawa, Ontario, Canada, 07/04/2017
- DIME Medical Education Day, University of Ottawa, Ontario, Canada, 01/04/2016
- DIME Medical Education Day, University of Ottawa, Ontario, Canada, 01/04/2015

SERVICE

(a) Membership of Institutional, National, or International Scientific Advisory Boards

- Breast cancer awareness campaign, October 2022, College
- Alumni Association of the University of Ottawa, member since 06/2019
- Department of Innovation in Medical education (DIME), Faculty of Medicine, University of Ottawa, since 2015
- Ain Shams University Staff Member, Faculty of Medicine, , Ain Shams University since 1993
- Egyptian Syndicate of Physicians & Surgeons Ministry of health, Cairo, Egypt, since 1992
- Practicing medicine licence, Ministry of health, Cairo, Egypt, , since 1992

(b) Community service

Organizing a play (An appointment with his excellency)- Dubai Trade Center-Rashid Mall with RAK Volunteer team 13-14/01/2023, National, member

Organizing the restaurant village festival in the outer yard of Manar mall Ras al khaimah with RAK Volunteer team 1/12/2022, National, member

(c) Service as Reviewer

Reviewer and external examiner for International students, member, International, 2022 International Journal of Human Anatomy (IJHA), ISSN: 2577-2279, Open Access Pub, since 07/2018
Permanent Committee for Academic Promotions, King Abdulaziz University, Jeddah, Saudi Arabia

7. List of Publications

(a) International Refereed Journals

Elfadil, Sittana, Hossam I. Nassar, [Rana Aly Elbeshbeishy](#), and Lovely M. Annamma. (2023). "Esthetic Rehabilitation of Pediatric Patients Using Direct Bonding Technique—A Case Series Report" Children 10, no. 3: 546. <https://doi.org/10.3390/children10030546>

[Rana ElBeshbeishy](#) (2018). Finding the Right Balance: Integrating Old and New Approaches for Anatomy Teaching. Jean-Paul Dionne Symposium Proceedings 2; 27-44 (ISSN: 2561-4878). DOI: 10.18192/jpds-sjpd.v2i1.2427

Nasra Ayoub, [Rana ElBeshbeishy](#) (2016). Impact of an Energy Drink on the Structure of Stomach and Pancreas of Albino Rat: Can Omega-3 Provide a Protection? PLOS ONE February 19, 2016. DOI: 10.1371/journal.pone.0149191

Makhlouf Noha A., [El-Beshbishy Rana A](#) (2014). The possible protective role of selenium supplementation on the structure of the heart in an experimental model of

chronic renal failure: light and electron microscopic study. The Egyptian Journal of Histology 37(1):197-207. DOI: 10.1097/01.EHX.0000444123.03482.c7 (ISSN: 1110-0559)

Abousetta Alaa, Makhlof Noha A., [El-Beshbishy Rana A](#) (2014). The effects of concomitant Ginkgo intake on noise induced Hippocampus injury. Possible auditory clinical correlate. Egyptian Journal of Ear, Nose, Throat and Allied Sciences 15:231-239. DOI.org/10.1016/j.ejenta.2014.05.003

Abunasef Siham K., [El-Beshbishy Rana A](#) (2014). The histological changes of the female rat mammary gland during the fertile period with a special reference to E-cadherin expression. The Egyptian Journal of Histology 37(1):45-55 DOI:10.1097/01.EHX.0000444074.66582.d4

Makhlof Noha A., [El-Beshbishy Rana A.](#), Abousetta Alaa (2014). Ginkgo modulates noise-induced hippocampal damage in male albino rats Light and electron microscopic study. The Egyptian Journal of Histology 37(1):159-174. DOI:10.1097/01.EHX.0000444078.17248.ab.

Kallini Dalia F., [El-Beshbishy Rana A](#) (2013). Histological and immunohistochemical study of experimentally induced concussion on young rats' frontal cortex and the possible protective role of erythropoietin hormone supplementation. The Egyptian Journal of Histology 36(3):611-624 DOI: 10.1097/01.EHX.0000433264.53866.e9. (ISSN: 1110-0559)

Abdel-Hamid Ghada A., [El-Beshbishy Rana A.](#), Abdel Aal I. H (2013). Anatomical variations of the hand extensors. Folia morphologica 72(3):249-57. DOI: 10.5603/FM.2013.0040. (ISSN 0015-5659)

[El-Beshbishy Rana. A.](#), Abdel-Hamid Ghada. A (2013). Variations of the abductor longus tendon: an anatomic study. Folia morphologica 72(2):161-6. DOI: 10.5603/FM.2013.0027. ISSN 0015-5659)

Kallini Dalia F., Abdelmalik Sherin W., Desouky Ahmed M., [El-Beshbishy Rana A](#) (2013). A comparative study between bilateral ligation of the ovarian and the uterine arteries on the structure and function of the ovary of adult white rabbit: histological and Immunohistochemical study. The Egyptian Journal of Histology 36(2):300-311. DOI: 10.1097/01.EHX.0000428966.85110.1a

[El Beshbishy Rana A.](#), Kallini Dalia F., Salah El Din Rania A., Abu Hussein Azza K (2010). A Structural Study of the Protective and Curative Role of Curcumin on Indomethacin Induced Gastric Ulcer in Adult Male Albino Rats: a Light and Scanning Electron Microscope study. Egyptian Journal of Anatomy 33(1-2):137-149. DOI: 10.21608/EJANA.2010.3646

Osman Omar Moawayh, Ragab Yasser, [El Beshbishy Rana A](#) (2008). Anatomical, Histological and Radiological Study of the Rotator Cuff Interval of the Shoulder. Medical Journal of Cairo University [The] 76(1):11-19. P-ISSN: 0045-3803

(b) Conference Papers

Rana ElBeshbeishy (2018). New Innovative Approaches for Anatomy Teaching. Jean-Paul Dionne Symposium 2018, Faculty of Education, University of Ottawa

(c) Books/Book Chapters

Ahmed Mohamed Desoky Badawy, Fouad Yehia Ahmed, [Rana Aly El-Beshbishy](#) (2012). Effects of Different Professions on The Hand Kinematic Capabilities. Hand Measures and Grip Assessment in Different Professions. LAP Lambert Academic Publishing. ISBN 10: 3659288756 ISBN 13: 9783659288753.

(d) Other Publications

Al-Awa Afrah A, **El-Beshbishy Rana A.**, Abdel-Hamid Ghada A (2012). The effect of cold stress on the gastric mucosa of Adult Male Albino rats: A light microscopic study. Journal of King Abdulaziz University: Medical Sciences 19(1):43-53

Osman Omar Moawayh, **El-Beshbishy Rana A.**, Mokhtar Fatma Zeinhom (2008). Anatomic and Radiographic Study of Egyptian Calcaneal Angles in Comparison to Other Populations. The Medical Journal of Cairo University 76 (1):21-27.

Wassif Ghada A, Sadeek Lobna A, Refaat Seham H, **El Beshbishy Rana A** (2007). A Study of the effect of the maternal exposure to low frequency electromagnetic waves on the suprarenal gland of albino rat offsprings. Scientific Journal of Al-Azhar Medical Faculty (Girls) 28(1):1301-1323.

El-Beshbishy Rana A., Abaskharoun Abeer E., Zaki Shahira S (2005). Protective Effect of Lycopene against Radiation-Induced Damage. The Scientific Journal of Al-Azhar Medical Faculty (Girls) 27.

Abdel All Youssef S, Ahmed Fouad Y, Houssen Osama A, **El Beshbishy Rana A** (2005). Scanning of certain applied anatomical measures on the lateral nasal wall needed for functional endoscopic sinus surgery (FESS) in adult males: Cadaveric and CT study. Scientific Journal of Al-Azhar Medical Faculty (Girls) 27.

El-Beshbishy Rana A., Gumaie Ragaie A. B (2004). Electron Microscopic study of the Submucosa and Musculature of the Uvula in Obstructive Sleep Apnea. Ain Shams Medical Journal 55:1089-1110.

Gemaie Ragaie A.B., Abaskharoun Abeer E., **El-Beshbishy Rana A** (2003). Ototoxicity of Topical Mitomycin in the Middle Ear. Egyptian Journal of Otolaryngology 20(1):19-30.

Gemaie Ragaie A.B., **El-Beshbishy Rana A.**, Abaskharoun Abeer E., Mohamed Omar M. O (2003). A study of Intranasal Anatomy of the Lacrimal Drainage System among Egyptians in Endoscopic Dacryocystorhinostomy. Kasr El -Aini Medical Journal 9(2):297-314.