Dr. Daniel Elbo Arama

December 2025

CURRICULUM VITAE

- **Personal Details**

Dr. Daniel Elbo Arama
1988 - Israel
IDF Medical Corps
Modiin-Maccabim-Reut

ORCID iD: 0000-0002-2815-6125

- **Education**

B.EMS -2016 - 2018, Ben Gurion University of the Negev, Emergency Medicine Services
M.E.M - 2018 – 2021 (Direct Doctoral Track), Ben Gurion University of the Negev, Emergency Medicine Services
Name of advisor: Prof. Nadav Davidovitch, Dr. Odeya Cohen
Title of thesis: Developing an adapted model of service delivery by the Israeli health system in emergency situations: The Coronavirus pandemic as a case study
Ph.D. – 2018 - 2024, (Direct Doctoral Track) Ben Gurion University of the Negev, Health Sciences
Name of advisor: Prof. Nadav Davidovitch, Dr. Odeya Cohen
Title of thesis: Developing an adapted model of service delivery by the Israeli health system in emergency situations: The Coronavirus pandemic as a case study
Post Doctoral Research – 2024 - ongoing, Ben Gurion University of the Negev, Medical Sciences
Name of advisor: Prof. Dorit Nitzan
Title of thesis: To develop an advanced model for managing mass casualty incidents in high-risk environments, drawing on the experiences and methodologies of military forces such as the US Army, NATO, and the Israel Defense Forces.

- **Employment History**

2006 – ongoing
IDF - Medical Corps - Officer

2020 – ongoing
Hebrew University of Jerusalem – Lecturer

2023 – ongoing
Ben Gurion University of the Negev – Lecturer

2003 – ongoing
Magen David Adom – Israeli EMS – Volunteering, Nowadays as a senior MICU Paramedic and ACLS Instructor

- Educational activities

(a) Courses taught

First Aid Training for Physicians (MD Students) (75363), The Hebrew University of Jerusalem, Jointly taught with Prof. Jabob Assaf – 2020 – Ongoing.

Research in Military Medicine (MD Students) (75361), The Hebrew University of Jerusalem, Jointly taught with Dr. Noam Fink – 2020 – Ongoing.

Commander in a White Coat (MD Students) (75358), The Hebrew University of Jerusalem, Jointly taught with Prof. Elon Glassberg – 2020 – Ongoing.

Introduction to Military Medicine for Physicians (MD Students) (75350), The Hebrew University of Jerusalem. 2023 – Ongoing.

Preparedness for Emergencies and Disasters (M.EM Students) (485-2-1003), Ben Gurion University of the Negev. 2024 – Ongoing.

Preparedness for Emergencies and Disasters (M.PH Students) (485-2-1003), Ben Gurion University of the Negev. 2025 – Ongoing.

Preparedness of the Healthcare System for Emergencies and Disasters (B.A. Students) (686-1-0055), Ben Gurion University of the Negev. 2025 – Ongoing.

(b) Research students (separated by degree and by year of completion, in chronological order oldest to newest, with current students at end of list, running numbers)
- H.C, M.EM Thesis, 2024
  Ben Gurion University of the Negev – Jointly supervised with Prof. Dorit Nitzan.
- M.C, M.EM Thesis, 2025
  Ben Gurion University of the Negev – Jointly supervised with Prof. Dorit Nitzan.

• **Awards, Citations, Honors, Fellowships**

(a) Honors, Citation Awards
2016, Ben Gurion University of the Negev, B.EMS - Dean's List Honors.
2017, Ben Gurion University of the Negev, B.EMS - Certificate of Appreciation Award.

• **Scientific Publications**

Arama, D. E.[PI], Cohen, O., & Davidovitch, N. (2023). Integration and disjuncture within the Israeli health system during COVID 19 pandemic. *Prehospital and Disaster Medicine, 38*, s107. doi:https://doi.org/10.1017/S1049023X23002911 (0 citations; IF 0.81; Q1).

Porat-Wojakowski, M., Arama, D. E., & Barilan, Y. M. (2025). Tyrannical militarism, oil money and other issues in the medicalisation of war and politics: a response to Shahvisi. *Journal of Medical Ethics*. doi:https://doi.org/10.1136/jme-2024-110547 (1 citations, IF 3.4, Q1).

Unrefereed professional articles and publications

(2021). חשיבות הדיפלומטיה הצבאית בעת משבר[PI] אלבו, ד (The Importance of Military Diplomacy During a Crisis). *בין הקטבים*, *24–25*, 211–236. https://www.idf.il/media/tm1ogzxh/אלבו.pdf
(0 citations, IF 0; no Q)

(2021). גם מפקדים לפעמים נשברים [PI] אלבו, ד (The commanders also break sometimes). *מסכת, עיתון חיל הרפואה במלחמה*, *28–31*, 2 כרך. (0 citations, IF 0; no Q)

• **Lectures and Presentations at Meetings and Invited Seminars** (IN CHRONOLOGICAL ORDER, OLD TO NEW)

(a) Invited plenary lectures at conferences/meetings - (running numbers)

Year, title of lecture, name of meeting, place (give reference to abstracts or proceedings volume)

1. 2022, Updates and Innovations in the Field of Emergency Medicine for Physicians and Nurses, Quality Service Conference of the Israel Defense Forces Medical Corps, Tel Hashomer Hospital Auditorium.
2. 2023, Updates in the Field of Emergency Medicine for Physicians and Nurses, Quality Service Conference of the Israel Defense Forces Medical Corps, Tel Hashomer Base Auditorium.
3. 2024, Updates and Innovations in the Field of Emergency Medicine for Physicians and Nurses, Quality Service Conference of the Israel Defense Forces Medical Corps, Homefront Command Headquarters Auditorium.
4. 2024, Medical Treatment and Command-Management Response to Mass Casualty Events on October 7th, Quality Service Conference of the Israel Defense Forces Medical Corps, Board of Governors Meeting of BGU.
5. 2024, How to Command a Large Non-Organic Force Under Fire, Unit Staff Conference of the Military Medical Academy, Consolidated Training Base Auditorium.
6. 2024, The Role of the Paramedic, Service Characteristics, and the Extreme Events They Are Required to Manage, along with Strategies for Successful Management, Military Paramedics Conference, Consolidated Training Base Auditorium.
7. 2024, The Role of the Officer in the Medical Corps as a Commander, a Professional, and an Individual Who Influences the Functioning of the Combat Military on the Battlefield, Military Medical Officers Conference, Consolidated Training Base Auditorium.
8. 2024, The Role of the Paramedic, Service Characteristics, and the Extreme Events They Are Required to Manage, along with Strategies for Successful Management, B.EMS Students of BGU, The Designated Area in Tkuma for Vehicle Storage.
9. 2025, The Officer's Role in Conditions of Uncertainty and Leadership on the Battlefield, IDF Officers Course, BAHAD 1 (Every Quartile).
10. 2024, 2025, Discovering Resilience in Leading Multiple Medical Teams Amidst Life-Threatening Risks: From Uncertainty and Existential Challenges to Effective and Structured Practice, Tel Aviv University (Resilience Leadership Course).
11. 2025, Inspirational Lecture for Outstanding Nursing Students Ceremony on Leadership and Team Command in Extreme Circumstances, Meir Hospital Kfar-Saba.

(b)<u>Presentation of papers at conferences/meetings (oral or poster) - (running numbers)</u>

1. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen, 2022, Integration and disjuncture within the Israeli health system during COVID 19 pandemic, WADEM KILLARNEY 2022
2. Daniel Elbo Arama, Roei Nahum, Olga Reiderman Golan, Miki Almakias, Gal Khanchin, Sapir Shalom, Zivan Aviad Beer, 2025, The Updating Processes in Wartime Training: Field-Based Learning, Validation and Implementation of Training and Certification Programs for the IDF Medical Personnel, WADEM TOKYO 2025.
3. Daniel Elbo Arama, Lior Turhanski, Tal Pelled, Kerem Bar Shalom, Meyron Ohana, Keren Popovich, Zivan Aviad Beer, 2025, Implementation of Rapid Mental Health Response Teams within 24 Hours: The Story of IDF's Medical Corps Mental Health Officers during the First Days of the October 7 War in Israel, WADEM TOKYO 2025.
4. Daniel Elbo Arama, Gal Khencin, Ortal Ben Yosef, Sapir Shalom, Manfred Green, Dorit Nitzan, Zivan Aviad Beer, 2025, Managing a Heavy Patient Load, Intense

Mental Stress, Immediate Life Threats, and Real-Time Task Performance Requirement: The Experiences of Medical Personnel During the October 7 Attack in Israel, WADEM TOKYO 2025.

5. Daniel Elbo Arama, Sapir Shalom, Ortal Ben Yosef, Gal Khanchin, Manfred Green, Dorit Nitzan, Zivan Aviad Beer, 2025, Addressing Unanticipated Decision-Making in Real-Time Surprise Warfare: Maximizing the Effectiveness of Medical Forces in High-Risk Extremist Environments, WADEM TOKYO 2025.
6. Daniel Elbo Arama, Faina Yona Yamin, Omri Sheich, Gal Khencin, Ortal Ben Yosef, Sapir Shalom, Dorit Nitzan, 2025, Enhancing Disaster Preparedness: Long-Term Coordination Strategies between Military and Civilian Medical Forces in War-Torn Regions, WADEM TOKYO 2025.
7. Daniel Elbo Arama, Assaf Toker, Faina Yona Yamin, Inbar Malka, Lin David Bitan, Itay Fogel, Zivan Aviad Beer, 2025, Rapid Development and Implementation of Software for Managing Diagnostic Data of War Casualties: the "Golden Watch" System - From Concept to Reality in Weeks, WADEM TOKYO 2025.
8. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen, 2025, Political Tensions and the Medical Response in the Israeli Health System During the COVID-19 Pandemic, WADEM TOKYO 2025.
9. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen, 2025, The Importance of Professional Information Delivery is Crucial for Public's Trustworthiness in an Emergency, WADEM TOKYO 2025.
10. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen, 2025, The Significant Role of Community Medicine in Times of Emergency, WADEM TOKYO 2025.
11. Daniel Elbo Arama, Yael Arbel, Hadas Azizi, Avi Shemesh, Zivan Aviad Beer, 2025, Dental Professionals in Command: A Qualitative Analysis of Unit 6017's Role in Casualty Identification and Death Investigation Following the October 7 Incident, MHSRS USA 2025.
12. Daniel Elbo Arama, Yael Arbel, Hadas Azizi, Avi Shemesh, Zivan Aviad Beer, 2025, A Qualitative Examination of General Practitioners' Experiences in Unit 6017: Investigating Mortality and Casualties Identification in the Aftermath of the October 7 Events, MHSRS USA 2025.
13. Daniel Elbo Arama, Dorit Nitzan, Koral Yuhter, Avi Shina, Zivan Aviad Beer, 2025, Recovery and Refeeding Syndrome Management in Released Hostages: A Case Study on the Operation to Repatriate Abducted Individuals from Gaza's Terrorist Organizations in Israel, MHSRS USA 2025.
14. Daniel Elbo Arama, Dorit Nitzan, Koral Yuhter, Avi Shina, Zivan Aviad Beer, 2025, A Detailed Analysis of the Logistical Coordination in the Mission to Repatriate Israeli Hostages from Terrorist Organizations in the Gaza Strip during the October 7 War, MHSRS USA 2025.
15. Daniel Elbo Arama, Dorit Nitzan, Koral Yuhter, Avi Shina, Zivan Aviad Beer, 2025, Artificial Intelligence-Driven Assessment of Telemedicine Triage Efficacy in Military Healthcare: A Retrospective Analysis of Emergency Department Referrals and Subsequent Hospitalizations in the Israel Defense Forces, MHSRS USA 2025.
16. Daniel Elbo Arama, Assaf Toker, Faina Yona Yamin, Inbar Malka, Lin David Bitan, Itay Fogel, Zivan Aviad Beer, 2025, Swift Development and Deployment of Software for Managing Treatment, Evacuation, and Diagnostic Information of War Casualties: The "Golden Watch" System – From Concept to Implementation in Mere Weeks, MHSRS USA 2025.
17. Daniel Elbo Arama, Gal Khancin, Ortal Ben Yosef, Sapir Shalom, Manfred Green, Dorit Nitzan, Zivan Aviad Beer, 2025, Managing High Patient Volume, Acute Psychological Stress, Immediate Life Threats, and Real-Time Task Execution: Experiences of Medical Personnel During the October 7 Attack in Israel, MHSRS USA 2025.

18. Daniel Elbo Arama, Roei Nahum, Olga Reiderman Golan, Miki Almakias, Gal Khanchin, Sapir Shalom, Zivan Aviad Beer, 2025, Optimizing Training and Certification Processes for IDF Medical Personnel During Wartime, MHSRS USA 2025.
19. Daniel Elbo Arama, Dorit Nitzan, Uzi Bechor, Avi Shina, Efrat Zafranie-Rokach, Chen Arbel, Zivan Aviad Beer, 2025, A Significant Impact on Healthcare Providers: A Mixed-Methods Analysis of Compassion Fatigue and Burnout in Physicians During High-Stakes Hostage Recovery Operations, MHSRS USA 2025.
20. Daniel Elbo Arama, Dorit Nitzan, Uzi Bechor, Avi Shina, Efrat Zafranie-Rokach, Chen Arbel, Zivan Aviad Beer, 2025, Compassion Fatigue and Burnout Among Mental Health Officers in High-Stakes Hostage Recovery Operations: A Mixed-Methods Analysis of Impact on Healthcare Providers, MHSRS USA 2025.
21. Daniel Elbo Arama, Dorit Nitzan, Uzi Bechor, Avi Shina, Efrat Zafranie-Rokach, Chen Arbel, Zivan Aviad Beer, 2025, Compassion Fatigue and Burnout Among Nurses in High-Stress Hostage Recovery Operations: A Mixed-Methods Study, MHSRS USA 2025.
22. Daniel Elbo Arama, Dorit Nitzan, Uzi Bechor, Avi Shina, Efrat Zafranie-Rokach, Chen Arbel, Dean David Lichter, Matan Daniel, Rom Nesher, Itai Even-Tov, Lotem Zamir, Yael Ben-Yehuda, Zivan Aviad Beer, 2025, The Impact of Operations for Releasing Kidnapped Hostages on Stress Levels of Nurses and Physicians, National Military Medicine Conference, Israel, 2025.
23. Daniel Elbo Arama, Dorit Nitzan, Manfred Green, Ortal Ben Yosef, Gal Khancin, , Sapir Shalom, Zivan Aviad Beer, 2025, Frontline Healthcare Under Fire: Israeli Medical Staff's Challenge of Balancing Mass Casualties, Psychological Trauma, and Ongoing Threats During the October 7 Crisis, National Military Medicine Conference, Israel, 2025.
24. Daniel Elbo Arama, Lior Turhanski, Tal Pelled, Kerem Bar Shalom, Meyron Ohana, Keren Popovich, Zivan Aviad Beer, 2025, Swift Deployment of Psychological Support Units: How Israel Defense Forces' Mental Health Professionals Responded Within a Day of the October 7 Conflict, National Military Medicine Conference, Israel, 2025.
25. Daniel Elbo Arama, Dorit Nitzan, Uzi Bechor, Avi Shina, Efrat Zafranie-Rokach, Chen Arbel, Dean David Lichter, Matan Daniel, Rom Nesher, Itai Even-Tov, Lotem Zamir, Yael Ben-Yehuda, Zivan Aviad Beer, 2025, The Impact of Operations for Releasing Kidnapped Hostages on Stress Levels of Mental Health Officers, National Military Medicine Conference, Israel, 2025.

- **Present Academic Activities**

Research in progress
Post Doctorate Research
Name of advisor: Prof. Dorit Nitzan
Title of thesis: To develop an advanced model for managing mass casualty incidents in high-risk environments, drawing on the experiences and methodologies of military forces such as the US Army, NATO, and the Israel Defense Forces.

Articles Currently in Progress and Not Yet Submitted for Publication

1. Original Article: Top Experts Qualitative Research - How do the senior officials within the Israeli healthcare system, who played pivotal roles in the battle against COVID-19, assess the state's handling of the pandemic response? Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen
2. Political Tensions and the Medical Response in the Israeli Health System During the COVID-19 Pandemic. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen

3. The Importance of Professional Information Delivery is Crucial for Public's Trustworthiness in an Emergency. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen
4. The Significant Role of Community Medicine in Times of Emergency. Daniel Elbo Arama, Nadav Davidovitch, Odeya Cohen
5. Enhancing Disaster Preparedness Long-Term Coordination Strategies between Military and Civilian Medical Forces in War-Torn Regions. Daniel Elbo Arama, Dorit Nitzan
6. Managing a Heavy Patient Load, Intense Mental Stress, Immediate Life Threats and Real Time Task Performance Requirement - The Experiences of Medical Personnel During the October 7 Attack in Israel. Daniel Elbo Arama, Dorit Nitzan, Zivan Aviad Beer, Itay Fogel.
7. The Updating Processes in Wartime Training - Field Based Learning Validation and Implementation of Training and Certification Programs for the IDF Medical Personnel. Daniel Elbo Arama, Miki Almakias, Aviv Gelber, Gal Khanchin, Barak Feldman, Roei Nahum, Sapir Shalom
8. Implementation of Rapid Mental Health Response Teams within 24 Hours - The Story of IDF's Mental Health Officers during the October Surprise War. Daniel Elbo Arama, Lior Torhanski, Faina Yona Yamin, Keren Popovitch, Tal Peled, Kerem Shalom, Miron Ohana.
9. Rapid Development and Implementation of Software for Managing Treatment Evacuation and Diagnostic Data of War Casualties - the "Golden Watch" System - From Concept to Reality in Weeks. Daniel Elbo Arama, Itay Fogel, Zivan Aviad Beer, Lin David, Inbar Malka, Assaf Toker.
10. Addressing Unanticipated Decision-Making in Real-Time Surprise Warfare: Maximizing the Effectiveness of Medical Forces in High-Risk Extremist Environments. Daniel Elbo Arama, Zivan Aviad Beer, Barak Feldman, Gal Khanchin, Sapir Shalom, Ben Levy, Ortal Ben Yosef, Marina Kaminsky.
11. Evacuation and Medical Treatment Under Fire in Extreme and Improvised Conditions: Strategies for Execution and Maximizing Team Survival Rates. Daniel Elbo Arama, Zivan Aviad Beer, Barak Feldman, Gal Khanchin, Sapir Shalom, Ben Levy, Ortal Ben Yosef, Marina Kaminsky.
12. Navigating the Complex Challenges: Military Medical Personnel in Prolonged Combat - A Critical Review. Daniel Elbo Arama, Dorit Nitzan.

• **Additional Information**

Since I was 15 years old, I have been volunteering in Magen David Adom, while I studied in the Medical Biology track in high school, and on the same time I was serving as the student council president of my High School - "Rothberg" in Ramat Hasharon.

Alongside academic excellence and receiving Dean’s and Department Head's awards, I was accepted into the direct PhD program, which I completed in 2024, and I am now on my post-doctoral studies. I have always been interested in leading, promoting, and taking on practical and executive responsibilities, along with a commitment to depth, thoroughness, and continuous learning. In my view, these are the qualities that have brought me to this point, and they are also the qualities that make it clear to me that my academic path is the most natural and right one for me and for the university.

• **Teaching Statement** (NOT to exceed two single-spaced pages)

As a university lecturer, I see it as a tremendous privilege to bridge the gap between the world of research and science and the eager students. In my view, the significance of an outstanding lecturer lies in its ability to engage students in learning, deepening their understanding, and

conducting research. What is important is to cultivate genuine curiosity that is driven by a motivation to do good, to advance, and to uncover what has yet to be discovered.

The central approach I adopt to engage students in serious learning is complete transparency and open dialogue - this ensures they feel significant and connected to the material and the academic endeavor. I strive to create clear, accessible, and innovative presentations, to pose questions of essence and significance in exams, and to foster collaboration in the classroom using diverse teaching methods, such as the "flipped classroom," in which students present material, among other techniques.

In my ideal vision, I imagine all students attending classes without the obligation of formal attendance. However, it is clear that boundaries hold intrinsic value, especially within an academic framework. I believe it is important to assign significance to attendance in relation to the final grade for the course, active participation in class, and the provision of measurable assignments for students, alongside a comprehensive theoretical exam. All these elements together fairly clarify the overall grade that a student receives, ensuring that their true achievements are reflected as accurately as possible.

I am currently serving in the Israel Defense Forces as an officer, which prevents me from a full-time career as a lecturer who works at the university simultaneously. However, I am acutely aware that my natural place is as a researcher and lecturer in the University – as soon as I complete my IDF active-duty service. Therefore, it is important for me to integrate into the academic world alongside my military service, which will conclude in a few years. In the meanwhile, I was given an authorization by the IDF to work in the university, as a lecturer, and the salary I earn is donated in full to the "Aguda Lemaan Hachayal" (האגודה למען החייל) since it is impossible for an active-duty officer to be paid in any workplace other than the army.

At present, I am responsible for five courses— three at Ben-Gurion University – the first is in the Master's program in Emergency Medicine, the second is in the Master's program in Health Systems' Management and the third is in the Bachelor's degree in Health Systems' Management. The additional two courses are in the Medical Doctor Studies program at the Hebrew University of Jerusalem. I manage my schedule independently, fully understanding the significance of guidance and teaching for every researcher. As I have demonstrated in this statement, I am diligently working on publications and participating in international conferences, driven by great joy in my endeavors and a deep curiosity that accompanies me throughout my academic studies and activities.

Daniel