

C.V.

MORAN BODAS, MPH, PhD



BORN: 27 APRIL 1984

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EDUCATION

- 2017 - 2018 Università del Piemonte Orientale, CRIMEDIM - Research Center in Emergency & Disaster Medicine.
Post-doc fellowship
Research title: Threat Perception and Public Preparedness to Earthquakes in Italy
- 2012 - 2017 Tel-Aviv University, Sackler Faculty of Medicine, School of Public Health.
PhD, Emergency & Disaster Management
Thesis title: Evaluation of the Efficacy of Psychological Interventions in Promotion of Household Preparedness to Armed Conflicts in Israel.
- 2008 - 2009 Tel-Aviv University, Sackler Faculty of Medicine, School of Public Health.
Master of Public Health (MPH), Emergency & Disaster Management (Cum laude)
Thesis title: Threat Perception and Preparedness of Israeli Households to a War Scenario Including Extensive Missiles and Rockets Fire - Current Status.
- 2003 - 2006 Tel-Aviv University, Faculty of Life Sciences.
B.Sc. in Biology

EMPLOYMENT

- 2018 - present **Acting Director (since 2020; previously Deputy) & Senior Researcher**
Israel National Center for Trauma & Emergency Medicine Research
Gertner Institute of Epidemiology, Sheba Medical Center, Tel-Hashomer, ISRAEL
- Faculty Member (Clinical Lecturer since Apr. 2020)**
The Department of Emergency Management & Disaster Medicine, School of Public Health, Faculty of Medicine, Tel-Aviv University, ISRAEL
- 2017 - 2018 **Researcher, faculty member, post-doc fellow**
CRIMEDIM - Research Center in Emergency & Disaster Medicine
Università del Piemonte Orientale, ITALY
- 2015 - 2019 **Researcher, faculty member**
School of Public Health, Faculty of Medicine, Tel-Aviv University, ISRAEL
- 2011 - 2017 **C.T.O.**
PrevenTech ltd., ISRAEL
- 2006 - 2011 **CBRN Defense Officer (res. Major)**
Ministry of Defense, ISRAEL
- 2005 - 2006 **Research Assistant**
Tel-Aviv University, Faculty of Life Sciences, ISRAEL

ACADEMIC POSITIONS

Clinical Lecturer (since Oct. 2019), The Department of Emergency Management & Disaster Medicine, School of Public Health, Faculty of Medicine, Tel-Aviv University, ISRAEL

Educational manager & faculty member, The European Master in Disaster Medicine, Università del Piemonte Orientale, Novara, ITALY

Faculty member, The PhD Program in Global Health, Humanitarian Aid and Disaster Medicine, Università del Piemonte Orientale, Novara, ITALY

TEACHING EXPERIENCE

CURRENT	<i>Teacher</i>	CBRN Emergencies (TAU, Israel) Disaster Psychology (TAU, Israel) Introduction to Disaster Management (TAU, Israel) Scientific Writing (TAU, Israel) Seminar in Integrative Planning (TAU, Israel)
	<i>Educational Manager & Visiting Teacher</i>	European Master in Disaster Medicine (UPO, Italy)
PREVIOUS	<i>Tutor</i>	Statistics (TAU, Israel)
	<i>Teaching Assistant</i>	Introduction to Disaster Management (TAU, Israel) Medical Management of Emergencies & MCIs (TAU, Israel) Humanitarian Aid in Emergencies (TAU, Israel)

ACADEMIC SUPERVISION (MASTER'S STUDENTS)

2019-2020	Hannes Lienhart, MD Thesis title: <i>Need and availability of blood products in mass casualty incidents: a nation-wide study on disaster preparedness</i> Supervisor (European Master In Disaster Medicine, UPO, Italy)
2019-2020	Eric H. Huettner, MD Thesis title: <i>Emergency Physicians Preparedness and Willingness to Participate in the Response Phase in the Event of Biological Incidents in Switzerland: A Cross-Sectional Survey</i> Supervisor (European Master In Disaster Medicine, UPO, Italy)
2019-2020	Kurtulus Aciksari, MD Thesis title: <i>The effect of Multiple Triage Points on the Outcomes of Hospital Triage During MCIs</i> Supervisor (European Master In Disaster Medicine, UPO, Italy)
2018-2019	Maarij Masood, MD Thesis title: <i>Frequency of Ambulance Use and Characteristics of Patients Brought into EDs through Ambulance and Non-Ambulance Modes of Transportation during MCIs in Pakistan</i> Supervisor (European Master In Disaster Medicine, UPO, Italy)
2018-2019	Soman Mudariki, MD Thesis title: <i>Evaluation of the Infection Control Practices of Ambulance Technicians in Zimbabwe</i> Supervisor (European Master In Disaster Medicine, UPO, Italy)
2017-2018	Valeria Caramello, MD Thesis title: <i>Blood Bank Preparedness in Disasters: Pilot Survey in Piedmont Region</i> Co-supervisor (European Master In Disaster Medicine, UPO, Italy)

TRAINING AND CERTIFICATIONS

- Mar. 2017 Basic Security In The Field II (BSTIF) & Advanced Security In The Field (ASTIF) certified by UNDSS
- May 2017 Light Search & Rescue Training by "Rescue-1" (Israel)

ADDITIONAL EXPERIENCE

- 2017-current Researcher (PI, Co-PI, Associate)
- 2017 Consultant to the World Health Organization (WHO)
- 2017 Consultant, Prime Minister's Office Round Table on Resilience (Israel)

SKILLS

Languages:

Hebrew - mother tongue;

	Listening	Reading	Speaking	Writing
English	C2	C2	C1	C2
Italian	A2	A2	A1	A1
French	A1	A1	A1	A1
Russian	A2	A1	A1	--

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Computer skills: Windows, Web & Microsoft Office applications; SPSS; Website design;

Work-related skills:

- Great aptitude for teaching and social interaction;
- Good adaptability to difficult situations;
- Special multidisciplinary expertise in civil security and CBRN Defense;
- More than five years of experience in developing research proposals, grant applications, and projects in both academic and commercial settings;
- More than five years of experience in development, planning and coordinating exercises, international and national table-tops, academic seminars and training sessions.

CONFERENCE APPEARANCES

- May. 2019 WADEM Congress on Disaster and Emergency Medicine, Brisbane, AUSTRALIA
Member, Board of Directors. Representing the Department of Emergency Management & Disaster Medicine, School of Public Health, Faculty of Medicine, Tel-Aviv University, Israel
- Dec. 2018 WHO Collaborating Centers Meeting, Manchester, UK
Representing the Department of Emergency Management & Disaster Medicine, School of Public Health, Faculty of Medicine, Tel-Aviv University, Israel
- Sep. 2018 The European Emergency Medicine Congress, Glasgow, UK
Title of e-poster: *Threat Perception and Public Preparedness for Earthquakes in Italy*
Title of e-poster: *Blood bank preparedness for Mass Casualty Incidents and disasters: a pilot survey in the Piedmont Region, Italy*
- Jun. 2018 NBC 2018 - 10th Symposium on CBRN Threats, FINLAND
Title of oral presentation: *Bridging Gaps between Academia, Industry, Government and First Responders In Light of Changing Landscape in CBRN Defense Technologies and Needs* - Yuval Kimhi, Guy Robin, Moran Bodas, Esther Krasner

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- Jan. 2018 10 Years anniversary for the Nat. Emergency Management Authority, ISRAEL
Title of oral presentation: *Challenges and Opportunities in Promoting Public Preparedness in Israel*
- Apr. 2017 WADEM Congress on Disaster and Emergency Medicine, Toronto, CANADA
- Title of oral presentations: *Preparedness Promoting and Delaying - What Factors Influence Civilian Preparedness to Armed Conflicts?*
- Title of oral presentations: *Patterns of Victimization in the Perception of Threat and Preparedness of the Israeli Public to Armed Conflicts*
- Co-chair for the CBRNe session
- Nov. 2016 The 18th ISRP Intl. Conference, Yokohama, JAPAN
Title of poster: *Evaluation Tests of A Newly Developed Disposable Respirator - PD-99*
- Sep. 2016 The Intl. Conference on Resilient Cities, Haifa, ISRAEL
Title of oral presentation: *Patterns of Victimization in the Perception of Threat and Preparedness of the Israeli Public to War*
- Sep. 2014 The 17th ISRP Intl. Conference, Prague, CZECH REPUBLIC
Co-author: *Development of a new disposable mask for biological threats*
- Feb. 2012 The Annual Conference on Healthcare System Logistics, Tel-Aviv, Israel
Title of oral presentation: *Shelf Life Extension Program (SLEP) of Pharmaceutical Products as a Significant Contributor to Strategic National Stockpile Maintenance - The Israeli Ciprofloxacin SLEP*

PROFFESIONAL MEMBERSHIPS

- 2019-current Member, Board of Directors, World Association for Disaster & Emergency Medicine (WADEM)
- 2017-current Member, World Association for Disaster & Emergency Medicine (WADEM)
- 2016-current Chairperson, Alumni Association of the Emergency & Disaster Management Program at Tel-Aviv University

PUBLICATIONS

PAPERS IN PEER-REVIEWED JOURNALS

- Bodas M, & Balicer RD. (2009). **An Influenza Pandemic--A Chronicle of an Epidemic Foretold.** *Harefuah*, 148(8):495-499. (in Hebrew)
- Bodas M, Davidovich N, & Balicer RD. (2009). **Influenza A/H1N1 virus--old and new.** *Harefuah*, 148(8):490-494. (in Hebrew)
- Bodas M et al. (2012). **Shelf Life Extension Program (SLEP) of Pharmaceutical Products as a Significant Contributor to Strategic National Stockpile Maintenance - The Israeli Experience with Ciprofloxacin.** *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science*, 10(2):182-187.
- Bodas M, Siman-Tov M, Peleg K, & Solomon Z. (2015). **Anxiety-Inducing Media - The Effect of Constant News Broadcasting on the Well-Being of Israeli Television Viewers.** *Psychiatry: Interpersonal and Biological Processes*, 78(3):265-276.

- Bodas M, Ben-Gershon B, Rubinstein Z, Bergman-Levy T, & Peleg K. (2015). **The Evolution of the Emergency Mental Health System in Israel - From the 1980's until Today.** *Israel J. of Health Policy Research*, 4(25):1-9.
- Bodas M, Siman-Tov M, Kreitler S, & Peleg K. (2015). **Assessment of Emergency Preparedness of Households in Israel to War - Current Status.** *Disaster Medicine and Public Health Preparedness*, 9(4):382-390.
- Bodas M, Siman-Tov M, Kreitler S, & Peleg K. (2015). **Threat Perception of War in Israel - Implications for Future Preparedness Planning.** *Israel J. of Health Policy Research*, 4(35).
- Siman-Tov M., Bodas M, & Peleg K. (2015). **The Social Impact of Terrorism on Civilian Populations - Lessons Learned from Decades of Terrorism in Israel and Abroad.** *Social Science Quarterly*, 98(1):75-85.
- Bodas M, Siman-Tov M, Kreitler S, & Peleg K. (2017). **Psychological Correlates of Civilian Preparedness to Armed Conflicts.** *Disaster Medicine and Public Health Preparedness*, 11(4), 451-459.
- Adini B, Bodas M, Nilsson H, Peleg K. (2017). **Policies for Managing Emergency Medical Services in Mass Casualty Incidents.** *Injury*, 48(9), 1878-1883.
- Adini B, Israeli A, Bodas M, Peleg K. (2018). **Increasing Perceived Emergency Preparedness By Participatory Policy-Making (Think-Tanks).** *Disaster Medicine and Public Health Preparedness*, 13(2), 152-157.
- Bodas M, Siman-Tov M, Peleg K, & Kreitler S. (2018). **The Role of Victimization in Shaping Household Preparedness to Armed Conflicts in Israel.** *Disaster Medicine and Public Health Preparedness*, 12, 67-75.
- Peleg K, Bodas M, Shenhar G, Adini B. (2018). **Wisdom of (Using) the Crowds: Enhancing Disasters Preparedness through Public Training in Light Search and Rescue - A Case Study.** *International J. of Disaster Risk Reduction*. 31, 750-757.
- Bodas M. (2018). **The Dark Side of the (Preparedness) Moon: Why Promoting Public Preparedness Remains Challenging.** *Disaster Medicine and Public Health Preparedness*, 13(3), 593-595.
- Bodas M, Siman-Tov M, Kreitler S, & Peleg K. (2018). **Evaluation of the Efficacy of Psychological Interventions in Promoting Preparedness to Armed Conflicts - A Randomized Control Study.** *Disaster Medicine and Public Health Preparedness*, 13(4), 713-723.
- Bodas M, Peleg K, Shenhar G, Adini B. (2019). **Light Search and Rescue Training of High School Students in Israel – Longitudinal Study of Effect on Resilience and Self-Efficacy.** *International J. of Disaster Risk Reduction*, 36. 101089.

- Caramello V, Camerini O, Ricceri F, Ottone P, Mascaro G, Bodas M, and Della Corte F. (2019). **Blood Bank Preparedness for Mass Casualty Incidents and Disasters: A Pilot Study in the Piedmont Region, Italy.** *Vox Sanguinis*, DOI: 10.1111/vox.12761
- Bodas M, Giuliani F, Ripoll-Gallardo A, Caviglia M, Farah Dell'Aringa M, Linty M, Della Corte F, and Ragazzoni L. (2019). **Threat Perception and Public Preparedness for Earthquakes in Italy.** *Disaster Medicine and Public Health Preparedness*, 34(2), 114-124.
- Roditi E⁺, Bodas M⁺, Jaffe E, Knobler HY, Adini B. (2019). **Impact of Stressful Events on Motivations, Self-Efficacy, and Development of Post Traumatic Symptoms among Youth Volunteers in Emergency Medical Services.** *International Journal of Environmental Research and Public Health*, 16(9). 1613.
**Joint first authors*
- Bodas M, Givon A, Israeli Trauma Group, and Peleg K. (2019). **Applying Local Epidemiological Data to National Policy - The Case Study of the Epidemiology of Wrist and Hand Injury in Jerusalem.** *Israel J. of Health Policy Research* 8(49):1-4.
- Siman-Tov M, Bodas M, Wang A, Alkan M, Adini B. (2019). **Impact of Traumatic Events Incurred by Asylum-Seekers on Utilization of Medical Services.** *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine* 27, 85.
- Ragazzoni L, Alenyo A, Caviglia M, Bodas M, Franc JM, Ssemmanda H, Ripoll Gallardo A, Della Corte F, Kwizera A. (2019). **Intraoperative Low-Dose Ketamine Does Not Reduce the Cost of Postoperative Pain Management after Surgery: A Randomized Controlled Trial in a Low-Income Country.** *Journal of African Health Sciences*, 19(4):3127-3135.
- Ripoll Gallardo A, Meneghetti G, Franc JM, Ragazzoni L, Bodas M, Jordan V, Costa A, Della Corte F. (2020). **Comparing Resource Management Skills in a High- versus Low-resource Simulation Scenario: A Pilot Study.** *Prehospital and Disaster Medicine*, 35(1):83-87.
- Bodas M. (2020). **Pictorial Representation of Threat Perception and its Association with Emergency Preparedness.** *Disaster Medicine and Public Health Preparedness*. DOI: 10.1017/dmp.2019.149.
- Siman-Tov M, Marom-Trabelsi I, Radomislensky I, Bodas M, Israel Trauma Group, Peleg K. (2020). **Injuries Among ATV Users - A Population Based Study.** *Injury Prevention*. DOI: 10.1136/injuryprev-2019-043425
- Bodas M, Kirsch T, Peleg K. (2020) **Top Hazards Approach – Rethinking the Appropriateness of the All-Hazards Approach in Disaster Management.** *International Journal of Disaster Risk Reduction*. DOI: 10.1016/j.ijdrr.2020.101559

Bodas M & Peleg K. (2020). **Public Compliance with Self-Isolation during COVID-19 depends on Financial Compensation – Cross Sectional Survey in Israel.** *Health Affairs*, 39(6). DOI: 10.1377/hlthaff.2020.00382

Tsur AM, Nadler R, Benov A, Glassberg E, Siman-Tov M, Radomislensky I, Bodas M, ... & Chen J. (2020). **The Effects of Military-Wide Introduction of Advanced Tourniquets in the Israel Defense Forces.** *Injury* 51(5):1210-1215.

HersHKovitz Y, Ashkenazy I, Kalman I, Peleg K, Bodas M, Givon A, ... & Jeroukhimov I. (2020). **Should the Management Approach to the Anterior Abdominal Stab Wound be Different in Patients with Self-inflicted Abdominal Injury?.**

Bodas M, Peleg K, Adini B, Ragazzoni L. (2020). **Training Package for Emergency Medical Teams Deployed to Disaster Stricken Areas – Has "TEAMS" Achieved its Goals?** *Disaster Medicine and Public Health Preparedness (in press)*

Bodas M, Kimhi Y, Robin G, Krasner E. (2020). **Bridging Gaps in the Development of CBRN Defense Technologies through Multi-Sectorial Collaboration - A Call for Action.** *Journal of Homeland Security and Emergency Management (in press)*

Bodas M, Givon A, ITG, Peleg K. (2020). **Are Casualties from Mass-Casualty Motor Vehicle Crashes Different from Casualties of other Motor Vehicle Crashes?** *Journal of Transport & Health (under review)*

HersHKovitz Y, Bodas M, Givon A, Tchernin N, ITG, Kessel B. (2020). **Time to Surgery: Is it so Crucial in Initially Stable Patients with Penetrating Injury?** *Injury (under review)*

PAPERS PUBLISHED AS PROCEEDINGS

Bodas M et al. (2012). **Shelf Life Extension Program (SLEP) of Pharmaceutical Products as a Significant Contributor to Strategic National Stockpile Maintenance - The Israeli Experience with Ciprofloxacin.** *Logistics in Health Systems* 9(1):26-32. Proceeding of the Logistics in Health Systems Conference, Tel-Aviv, Israel, February 2012.

Adini, B., Bodas, M., Nilsson, H., & Peleg, K. (2017). **Emergency Medical Services during Mass Casualty Incidents (MCIs)-Challenges and Proposed Policies.** *Prehospital and Disaster Medicine*, 32(S1), S93-S94. Proceeding of the WADEM Congress, Toronto, Canada, 25-28 April 2017.

Bodas, M., Siman-Tov, M., Kreitler, S., & Peleg, K. (2017). **Preparedness Promoting and Delaying-What Factors Influence Civilian Preparedness to Armed Conflicts?.** *Prehospital and Disaster Medicine*, 32(S1), S179-S180. Proceeding of the WADEM Congress, Toronto, Canada, 25-28 April 2017.

Bodas, M., Siman-Tov, M., Kreitler, S., & Peleg, K. (2017). **Patterns of Victimization in the Perception of Threat and Preparedness of the Israeli Public to Armed Conflicts.** *Prehospital and Disaster Medicine*, 32(S1), S184-S184. Proceeding of the WADEM Congress, Toronto, Canada, 25-28 April 2017.

Adini, B., Israeli, A., Bodas, M., & Peleg, K. (2017). **Impact of Participation in Focus Groups on Perceived Preparedness for Emerging Threats.** *Prehospital and Disaster Medicine*, 32(S1), S59-S60. Proceedings of the World Association of Disaster & Emergency Medicine Conference, Toronto, Canada, 25-28 April 2017.

Kimhi Y, Robin G, Bodas M, Krasner E. (2018). **Bridging Gaps between Academia, Industry, Government and First Responders In Light of the Changing Landscape in CBRN Defense Technologies and Needs.** Proceedings of the NBC 2018 symposium on CBRNE threats in Rovaniemi, Finland, 4-7 June 2018.

CHAPTERS IN BOOKS

Peleg K., Bodas M, Norton I. (Jan. 2020). Coordination & Organization of Medical Relief to Affected Areas. *In: K. Peleg, I. Kreiss, and E. Bar-On (Eds.). Field Hospitals.* Cambridge University Press: Cambridge, UK.

Rozenfeld M, Bodas M, Peleg K. (Jul. 2020). Operational Considerations: Location, Preparedness, Epidemiology – Review of Data. *In: David W. Callaway & Jonathan L. Burstein (Eds.). Operational and Medical Management of Explosive and Blast Incidents.* Springer, Switzerland.