

## Curriculum Vitae

**Ahmadreza Djalali, MD, EMDM, PhD**

### ❖ Personal information

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### ❖ Contact information:

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### ❖ Current positions:

Research Associate in disaster medicine  
CRIMEDIM - Center for Research and Education in Emergency and Disaster Medicine,  
Università degli Studi del Piemonte Orientale, Novara, Italy  
<https://crimedim.med.unipmn.it/index.php/team/dr-djalali-ahmadreza/>

### ❖ Other affiliations:

– Visiting professor, European Master in Disaster Medicine, Università degli Studi del Piemonte Orientale, Italy & Vrije Universiteit Brussel, Belgium

<http://www.dismedmaster.org/emdm/emdm.php>

– Associated researcher, Department of Clinical Science and Education, Karolinska Institutet, Stockholm, Sweden

<http://ki.se/en/kisos/about-ki-sos>

– Training officer on Disaster Risk Reduction, Member of Field Roster Team, Swedish Agency in Contingency Planning for Disasters, Karlstad, Sweden

<https://msb.se/en/?ResetTargetNavigation=true>

– Scientific partner, Disaster and Emergency Health Academia, Tehran university of medical sciences, Tehran, Iran

<http://nihr.tums.ac.ir/disaster/page-1227.htm>

### ❖ Education and fellowship

– 2012-2014 Postdoctoral research fellowship, CRIMEDIM - Center for Research and Education in Emergency and Disaster Medicine, Università degli Studi del Piemonte Orientale, Novara, Italy

– 2008-2012 PhD in medical science (disaster medicine), Karolinska Institute, Stockholm, Sweden

– 2009-2010 European Master in Disaster Medicine, Università degli Studi del Piemonte Orientale, Italy & Vrije Universiteit Brussel, Belgium

– 1990-1997 Doctorate of Medicine, Tabriz university medical sciences, Iran

### ❖ Employment History

– 2014-Present Research associate and instructor in disaster medicine, CRIMEDIM, Università del piemonte orientale, Italy

– 2012-2014 Postdoctoral research fellowship in disaster medicine, Università del piemonte orientale, Italy

- 2004-2008 Faculty member, department of emergency management, Natural Disaster Research Institute, Iran
- 2005-2006 Head of disaster management section, Ministry of Welfare & Social Insurance, Iran
- 2000-2008 Researcher and lecturer in HAZMAT emergencies, Medical Research Institute, Tehran, Iran
- 1999-2002 Researcher and Instructor, National Emergency Medical Services, Ministry of Health, Iran

#### ❖ Positions Held

- 2014-Present Advisory board, S-HELP (Securing Health. Emergency. Learning. Planning) an EU-FP7 project  
<http://www.fp7-shelp.eu/>
- Editorial board Austin Journal of Emergency and Critical Care Medicine  
<http://austinpublishinggroup.com/emergency-critical-care-medicine/editorialBoard.php>
- Editorial board Health in Emergencies and Disasters Quarterly  
[http://www.hdq.ir/page.php?slct\\_pg\\_id=13&sid=1&slc\\_lang=en](http://www.hdq.ir/page.php?slct_pg_id=13&sid=1&slc_lang=en)
- Associate editorial board International Journal of Burns and Trauma (IJBT)  
<http://www.ijbt.org/editorialboard.html>
- Review editor Frontiers in public health: emergency and disaster medicine  
[http://www.frontiersin.org/Disaster\\_and\\_Emergency\\_Medicine/editorialboard](http://www.frontiersin.org/Disaster_and_Emergency_Medicine/editorialboard)
- 2014-Present Certified supervisor for PhD students, Karolinska Institutet, Stockholm, Sweden
- 2012-2014 Tutor, European Master in Disaster Medicine
- 2013 Member of the World Health Organization consultation committee in Hospital Safety Index
- 2009 Member of national committee in hospital disaster plan, Ministry of Health, Iran

#### ❖ Awards

- One of three best research abstracts in disaster medicine, Dr Ali Umar Award, EMDM Alumni, Sixth Mediterranean Emergency Medicine Congress, Kos, Greece, 10-14 Sep 2011
- First winner of the festival on excellence of research projects in emergency management, Iran, 2007
- Second winner (as a member of the research team) of national research festival on chemical victims, Iran, 2003

#### ❖ International grants

- 2014-Present Co-coordinator and chief researcher: TIER (Integrated strategy for CBRN Threat Identification and Emergency Response), an EU funded project  
<http://www.tierproject.eu/index.php/partners?layout=edit&id=24>
- 2014-Present Co-coordinator and chief researcher of WP2: THREAT (Terrorist attacks on Hospitals: Risk and Emergency Assessment Tools and Systems), an EU funded project,  
<http://www.threatsproject.eu/crimedim.html>
- 2012-2013 Research officer of WP1: DITAC (Disaster training curriculum for EU first responders and managers), an EU-FP7 project <http://www.ditac.info/the-project/>
- 2013-Present Coordinator: National center for e-learning and simulations in medical response to HAZMAT

❖ **Publications** (orcid.org/0000-0001-8626-9649)

1. Bajow N, Djalali A, Ingrassia PL, Della Corte F, Ageely H, Bani I. Proposal for a Community-based Disaster Management Curriculum for Medical School Undergraduates in Saudi Arabia. Accepted to be published by American Journal of Disaster Medicine. 2015.
2. Ahmed Algaali K.Y, Djalali A, Della Corte F, Ismail M.A, Ingrassia PL. Postgraduate Education in Disaster Health and Medicine. Accepted to be published by Frontiers in Public Health: Disaster and Emergency Medicine. 2015.
3. Ardalan A, Ingrassia PL, Balikuddembe J.K, Careno L, Della Corte F, Akbarisari A, Djalali A. Virtual disaster simulation: Lesson learned from an international collaboration that can be leveraged for disaster education in Iran. PLOS Currents Disasters. 2015 Jul 13. Edition 1. doi: 10.1371/currents.dis.7007c0a03c4660f258994d3e150a033c.
4. Ripoll Gallardo A, Djalali A, Foletti M, et al. Core competencies in disaster management and humanitarian assistance: a systematic review. Disaster Medicine and Public Health Preparedness. 2015 May 5:1-10.
5. Aladhrai S.A, Djalali A, Della Corte F, et al. Impact of the 2011 revolution on Hospital Disaster Preparedness in Yemen. Disaster Medicine and Public Health Preparedness. Disaster Medicine and Public Health Preparedness. Disaster Med Public Health Prep. 2015 Apr 16:1-7.
6. Djalali A, Hosseinijab V, Peyravi M, et al. The Hospital Incident Command System: Modified Model for Hospitals in Iran. PLOS Currents Disasters. 2015 Mar 27. Edition 1. doi: 10.1371/currents.dis.45d66b5258f79c1678c6728dd920451a.
7. Khorram-Manesh A, Ashkenazi M, Djalali A, et al. Education in Disaster Management and Emergencies: Defining a new European course. Disaster Medicine and Public Health Preparedness. 2015;9(3):245-255.
8. Ripoll Gallardo A, Ingrassia PL, Ragazzoni L, Djalali A, et al. Professionalization of anesthesiologists and critical care specialists in humanitarian action: a nationwide poll among Italian residents. Prehosp Disaster Med. 2015;30(1):16-21.
9. Djalali A, Della Corte F, Foletti M, et al. Art of disaster preparedness in European Union: a survey on the health systems. PLOS Currents Disasters. 2014 Dec 17. Edition 1. doi: 10.1371/currents.dis.56cf1c5c1b0daae1595a48e294685d2f.
10. Djalali A, Careno L, Ragazzoni L, et al. Does Hospital Disaster Preparedness Predict the Response Performance during a Full-Scale Exercise? A pilot study. Prehosp Disaster Med. 2014; 29(5):441-447
11. Foletti M, Ingrassia PL, Ragazzoni L, Djalali A, et al. Combining dedicated online training and apprenticeships in the field to assist in professionalization of humanitarian aid workers: a 2-year pilot project for anesthesia and intensive care residents working in resource constrained and low-income countries. PLOS Currents Disasters. 2014 Jul 21. Edition 1. doi:10.1371/currents.dis.4b85b2e37f58297619faac3141f0d3e3.
12. Djalali A, Ingrassia PL, Della Corte F, et al. Identifying Deficiencies in National and Foreign Medical Team Responses through Expert Opinion Surveys: Implications for Education and Training. Prehosp Disaster Med. 2014;29(4):364-368.
13. Djalali A, Ardalan A, Ohlen G, et al. Non-structural safety of hospitals for disasters; a comparison between two capital cities. Disaster Medicine and Public Health Preparedness. 2014;8(2):179-184.
14. Ingrassia PL, Foletti M, Djalali A, et al. Education and Training Initiatives for Crisis Management in the European Union: A Web Based Analysis of Available Programs. Prehosp Disaster Med. 2014;29(2):115-126.
15. Peyravi MR, Ortenwall P, Djalali A, Khorram-Manesh A. An overview of Shiraz Emergency Medical Services, dispatch to treatment. Iranian Red Crescent Medical Journal. 2013 Sep; 15(9): e10982.
16. Djalali A, Castren M, Khankeh H, Gryth D, Radestad M, Ohlen G, Kurland L. Hospital disaster preparedness as measured by functional capacity: a comparison between Iran and Sweden. Prehosp Disaster Med. 2013;28(5):454-461.
17. Djalali A, Castren M, Hosseinijab V, Khatib M, Ohlen G, Kurland L. Hospital Incident Command System (HICS) performance in Iran; decision making during disasters. Scand J Trauma Resusc Emerg Med. 2012 Feb 6;20:14.
18. Djalali A, Khankeh H, Ohlen G, Castren M, Kurland L. Facilitators and obstacles in prehospital medical response to earthquakes: a qualitative study. Scand J Trauma Resusc Emerg Med\* 2011 May 16;19(1):30

19. Djalali A, Hosseinijab V, Hasani A, Shirmardi K, Castren M, Ohlen G, Panahi F. A fundamental medical disaster management plan at national level: an educational based model. *Prehosp Disaster Med* 2009;24(6):565-569.
20. Ghanei M, Eshraghi M, Peyman M, Alaeddini F, Jalali AR, Sajadi F. Pulmonary function test trend in adult bronchiolitis obliterans. *Tanaffos* 2007;6(3):40-46.
21. Ghanei M, Eshraghi M, Jalali AR, Aslani J. Evaluation of latent hemoptysis in Sulfur Mustard injured patients. *Environmental Toxicology and Pharmacology*. 2006 Sep;22(2):128-30.
22. Aslani J, Ataei R.A, Jalali AR. Determination of positive Tuberculin test and the prevalence of Tuberculosis among military personnel in Tehran between 2000-2001. *Journal of military medicine Summer* 2004;6(2):105-110 (Persian)
23. Salarifar M, Jalali AR, Abdi B, Hosseinijab V. The effect of questionnaire use in screening of patients with chest pain that call to Tehran EMS dispatch center. *Hakim* 2001;4(2):117-125 (Persian)

#### ❖ Books and chapters

- Djalali A. Role of hospitals during disasters. In: CIOTTONE'S Disaster Medicine, 2nd edition, is going to be published by Elsevier Health Science, 2015.
- Djalali A as co-author. Crush syndrome. In: CIOTTONE'S Disaster Medicine, 2nd edition, is going to be published by Elsevier Health Science, 2015.
- Djalali A as contributor. Hospital safety index: guide for evaluators. World Health Organization and Pan American Health Organization. 2015.
- Djalali A. Preparedness and Safe Hospital: Medical Response to Disasters (doctoral thesis). 2012. Karolinska Institutet, Stockholm, Sweden

#### ❖ Supplements and presentations

- Djalali A, Massumi A, Ohlen G, et al. Comparison of safety index in Iranian hospitals. *Prehosp Disaster Med* 2011;26(Suppl1):s84
- Djalali A, Khankeh HR, Ohlen G, et al. Medical response to earthquakes: an experience based study from recent earthquakes in Iran. *Prehosp Disaster Med* 2009;24(2):s86
- Djalali A, Hasani A, Hosseinijab V. Designing a medical preparedness model for responding to radiological emergencies. *Prehosp Disaster Med* 2009;24(2):s156
- Djalali A, Abdi Farkoush B, Hosseinijab V, Qanbari M. Do hospitals in Iran have an emergency department incident command system for management of hazardous materials victims? *Prehosp Disaster Med* 2007;22(2):s99
- Fayyaz MR, Djalali A. Planning for pre-hospital emergency system improvement in Iran. *Prehosp Disaster Med* 2007;22(2):s27
- Abdi Farkoush B, Djalali A, Hosseinijab V. Prehospital-hospital system network: a model for improving health system efficiency in disaster management. *Prehosp Disaster Med* 2007;22(2):s29
- Djalali A, Abdi Farkoush B, Hosseinijab V. Comparative survey of Iran disaster management system performance for response to natural disasters based on directors and experts experiences during the past 15 years. *Prehosp Disaster Med* 2007;22(2):s84-s85
- Ingrassia PL, Djalali A, M Foletti, et al. The state of art of crises and disaster management in European Union: baseline results of DITAC project. The 18<sup>th</sup> WCDEM. Manchester, UK. May 28<sup>th</sup>-31<sup>st</sup>, 2013.
- Ingrassia PL, M Foletti, Djalali A, et al. Training and educational initiatives for crises management in Europe Union. The 18<sup>th</sup> WCDEM. Manchester, UK. May 28<sup>th</sup>-31<sup>st</sup>, 2013.
- Djalali A, Khatib M, Hosseinijab V, et al. Performance of Hospital Incident Command System in Iran. The 6<sup>th</sup> Mediterranean Emergency Medicine Congress. Kos, Greece. September 10<sup>th</sup>-14<sup>th</sup>, 2011.

- Djalali A, Massumi A, Hossinijenab V, et al. Hospitals safe from earthquake: risk assessment and developing a hospital disaster management plan. The 6<sup>th</sup> European Congress on Emergency Medicine. Stockholm, Sweden. October 10<sup>th</sup>-14<sup>th</sup>, 2010.
- Djalali A, Hossinijenab V, Khatib M, et al. Hospital response to simulated disasters: 23 table top exercises of Hospital Incident Command System. The 6<sup>th</sup> European Congress on Emergency Medicine. Stockholm, Sweden. October 10<sup>th</sup>-14<sup>th</sup>, 2010.
- Djalali A, Khankeh H, Ohlen G, et al. Barriers to pre-hospital medical care for earthquake casualties: a qualitative research. The 5<sup>th</sup> Mediterranean Emergency Medicine Congress. Valencia, Spain. September 14<sup>th</sup>-17<sup>th</sup>, 2009.
- Djalali A, Massumi A, Ohlen G, et al. Enhancing preparedness level and safety index of hospitals against earthquakes. The 5<sup>th</sup> Mediterranean Emergency Medicine Congress. Valencia, Spain. September 14<sup>th</sup>-17<sup>th</sup>, 2009.
- Djalali A, Hossinijenab V, Estelaji AR, et al. Role of education in enhancing knowledge and practice of related authorities in the field of disaster management. International Disaster Reduction Conference. Davos, Switzerland. August 25<sup>th</sup>-29<sup>th</sup>, 2008.
- Djalali A, Abdi Farkoush B, Hosseinijenab V. Establishing the man-made disaster management system: a case report. International Disaster Reduction Conference. China, August 21<sup>st</sup>-28<sup>th</sup>, 2007.
- Djalali A, Abdi Farkoush B, Hosseinijenab V, et al. Education in community based earthquake risk management: a case study in Iran. XXIV IUGG Congress. Italy. July 2<sup>nd</sup>-13<sup>rd</sup>, 2007.
- Djalali A, Abdi Farkoush B, Hosseinijenab V. Hospital planning for response to hazardous material accidents. The 8<sup>th</sup> Asia Pacific Conference on Disaster Medicine. Tokyo, Japan. November 20<sup>th</sup>-22<sup>nd</sup>, 2006.
- Hosseinijenab V, Djalali A, Abdi Farkoush B. Planing of health system response program for earthquake in Iran. The 8<sup>th</sup> Asia Pacific Conference on Disaster Medicine. Tokyo, Japan. November 20<sup>th</sup>-22<sup>nd</sup>, 2006.
- Djalali A, Hosseinijenab V, Abdi Farkoush B. Disaster management planning for risk reduction in Azerbaijan state of Iran. International Disaster Reduction Conference. Davos, Switzerland. August 27<sup>th</sup>- September 1<sup>st</sup>, 2006.
- A. Djalali, MR. Fayazi. How do we reduce on-scene time of EMS in a mega-city? The 14<sup>th</sup> WCDEM. Edinburgh, Scotland. May 16<sup>th</sup>-20<sup>th</sup>, 2005.

#### ❖ Supervision of PhD/ Master Students

- 2012-present How medical students may decrease disaster risk of a community through training programs in Saudi Arabia (PhD thesis), Università degli Studi del Piemonte Orientale, Italy
- 2014-present Disaster preparedness in Stockholm: hospital management, personnel and civilian aspects (PhD thesis), Karolinska Institutet, Sweden
- 2013-2014 Modelling of hospital surge capacity for a mass casualty event response in a small island state, Malta, hospital (Master thesis), EMDM program
- 2013-2014 Pros and Cons with different types of disaster simulation exercises: which is appropriate for EMS in Iran? (Master thesis), EMDM program
- 2013-2014 Competency based training program for medical responders to nuclear/ radiation emergencies (Master thesis), Tehran University of medical sciences, Iran
- 2014-present Hospital disaster preparedness to support children during mass casualty incidents in Doha, Qatar (Master thesis), EMDM program
- 2014-present Willingness of rescue workers to contribute in responding to disasters in Punjab, Pakistan (Master thesis), EMDM program
- 2014-present Evaluation tool on hospital preparedness and response performance in HAZMAT emergencies (Master thesis), EMDM program
- 2015 Accuracy of using PPE by hospital staff: comparison of e-learning vs face-to-face training course (Master thesis), EMDM program

- 2015 Decision making for amputation during disasters: efficacy of just-in-time learning using a movie (Master thesis), EMDM program
- 2015 Hospital disaster preparedness in Nigeria and Italy: a comparative study (Master thesis), EMDM program
- 2015 Hospital disaster preparedness in South Korea and Sweden: a comparative study (Master thesis), EMDM program

#### ❖ Teaching Experience

- 2001-Present Lecturer in disaster medicine and management topics:
  - Risk assessment, management and reduction
  - Risk communication and community resilience
  - International humanitarian law
  - Human right in disasters
  - Hospital disaster management
  - Simulation in disaster medicine and management
  - Hospital incident command system
  - Health management of HAZMAT emergencies
  - Hospital safety for disasters
  - Medical response to radiation emergencies
  - Passive defense in health system
  
- 2012-Present Lecturer in European Master in Disaster Medicine, Italy
  - Risk assessment and management
  - Hospital safety and preparedness
  - Medical response to nuclear emergencies
  - Simulation and performance measurement

➤ Additional information and all supportive documents are available if requested