

PERSONAL INFORMATION **Luca Ragazzoni, MD, PhD**



[Redacted contact information]

**Present position** Director of Research and Training Programs in Humanitarian Health  
 Post-Doctoral Research Scientist in Disaster Medicine and Humanitarian Health  
 Training and Research Advisor in Disaster and Humanitarian Setting  
 CRIMEDIM - Research Center in Emergency and Disaster Medicine, Università del Piemonte Orientale, Novara, Italy.

**Main research line** Integration, implementation and analysis of innovative training tools to improve disaster response and humanitarian assistance.

- Main activities and responsibilities**
- Planning and coordination of national and international scientific activities and research studies in disaster and humanitarian health.
  - Planning and coordination of highly qualified teaching and training activities in disaster and humanitarian health.
  - Planning and coordination of strategic activities for the management of the research center resources in close collaboration with the director of the center.
  - Promotion and coordination of collaborative relationships with regional, national and international institutions and organizations in the field of disaster medicine and humanitarian health, with United Nations Offices and Agencies, departments of other Italian and international universities, with public and private research centers, with companies and individuals.
  - Planning and coordination of the training activities to support the Emergency Medical Team (EMT) initiative of the World Health Organization (WHO).

**International and Humanitarian Assistance Experience**

**Dates** 20/03/2008 – 20/06/2008  
**Country** Sri Lanka  
**Main activities and responsibilities** Development of a sustainable strategy to develop the emergency medical services after the tsunami in the region of Galle. Training in emergency and disaster medicine for health personnel.  
**Name of the Organization** United Nation Development Program (UNDP)

**Dates** 09/03/2010 – 31/03/2010  
**Country** Haiti  
**Main activities and responsibilities** Activity of Capacity Building in the aftermath of the earthquake at the Foyer Saint-Camille Hospital, Port au Prince  
 Training manager of the hospital staff and coordinator of the anaesthesia service.  
 Coordinator for the liaison with the Italian aircraft carrier 'Cavour', Italian Navy  
**Name of Association** CRIMEDIM and Rainbow For Africa (NGO)  
**Dates** 3/12/2011 – 30/12/2012

Country	Senegal
Main activities and responsibilities	Training manager for hospital healthcare professionals in Pikine, Dakar Preparation, coordination and health management of a primary healthcare unit in a rural area, Kassak, Saint Loius
Name of Association	CRIMEDIM and Rainbow For Africa (NGO)
Dates	10/09/2012 – 10/10/2012
Country	Burkina Faso
Main activities and responsibilities	Training Manager, Teacher, Tutor, Head of Mission Anaesthetic management of elective surgeries Management of anaesthetic emergencies and intensive care Participation in the development of research studies Management of training activities for local staff
Name of Association	CRIMEDIM and Rainbow For Africa (NGO)
Dates	01/03/2014 – 30/03/2014
Country	Uganda
Main activities and responsibilities	Principal investigator of a clinical research study (randomized controlled trial) entitled 'Effects of intraoperative low dose ketamine on cost of postoperative pain management after major surgery in a low-resource environment' at the Mulago National Referral Hospital.
Name of Association	CRIMEDIM and Makerere University, Kampala
Dates	01/10/2014 – 15/12/2014
Country	United Kingdom
Main activities and responsibilities	Development and implementation of innovative training programs using Virtual Reality and Hybrid simulation for Ebola response
Name of Association	Save the Children International
Dates	15/12/2014 – 16/01/2015
Country	Sierra Leone
Main activities and responsibilities	Training Manager Implementation of innovative training programs based on a hybrid learning methodology to provide hygienist and clinical staff with a common background, competencies and proper attitude needed to proficiently and safely work inside the Ebola Treatment Center (ETC) in Kerry Town. Development of an innovative evaluation tool using web-based technology to assess the skills in donning and doffing PPE for all the staff working within the ETC in Kerry Town.
Name of Association	Save the Children International

**Lecturing and teaching**

Dates	2010 – to date
Qualification	Visiting Professor, Lecturer and Course Unit Coordinator
Exact title of teaching	European Master in Disaster Medicine (EMDM)
Name of the study centre	<b>Università del Piemonte Orientale</b> <b>Via Duomo 6 – 13100 Vercelli, Italia</b>
	<b>Vrije Universiteit Brussel</b> <b>Campus Jette, Laarbeeklaan 103 – 1090 Brussel, Belgium</b>
Dates	03/2012
Dates	12/2012 – to date
Qualification	Project Lead/Coordinator

Exact title of teaching	Humanitarian Medic - Innovative Training program for the professionalization of humanitarian health assistance
Name of the study centre	<b>CRIMEDIM and MSF (Doctors Without Borders)</b>
Dates	07/2011 – to date
Qualification	Lecturer at Medical School and Residency Programs
Exact title of teaching	General Principles of Disaster Medicine
Name of the study centre	<b>Università del Piemonte Orientale</b>
Dates	02/2012 – to date
Qualification	Project Coordinator (Worldwide program)
Exact title of teaching	Training Disaster Medicine Trainers (TdmT) Worldwide Disaster Medicine Project in collaboration with the International Federation of Medical Students' Associations (IFMSA)
Name of the study centre	<b>CRIMEDIM, Università del Piemonte Orientale</b>
Dates	04/2010 – to date
Qualification	Project Coordinator (Nationwide program)
Exact title of teaching	DisasterSISM National Project
Name of the study centre	<b>CRIMEDIM, Università del Piemonte Orientale</b>
<b>Peer reviewed articles</b>	<p>Comparison of the SACCO triage method versus START triage using a virtual reality scenario in advance care paramedic students. Jain T, Ragazzoni L, Stratton S, Della Corte F. CJEM. 2015 Nov 10:1-5.</p> <p>Yemen, an unprecedented humanitarian crisis. Ripoll Gallardo A., Ragazzoni L, F. Della Corte BMJ 2015; 351:h4366 .</p> <p>Yemen's Unprecedented Humanitarian Crisis: Implications for International Humanitarian Law, the Geneva Convention &amp; the Future of Global Health Security Ripoll Gallardo A, Burkle, FM Jr, Ragazzoni L, Della Corte F. Disaster Med Public Health Prep. 2016 [in press].</p> <p>Evaluation of a new community-based curriculum in disaster medicine for undergraduates. Nidaa Bajow; Ahmadreza Djalali; Pier Luigi Ingrassia; Luca Luca Ragazzoni; Hussein Ageely; Ibrahim Bani; Francesco Della Corte. BMC Medical Education[in press].</p> <p>Core Competencies in Disaster Management and Humanitarian Assistance: A Systematic Review. Ripoll Gallardo A, Djalali A, Foletti M, Ragazzoni L, Della Corte F, Lupescu O, Arculeo C, von Arnim G, Friedl T, Ashkenazi M, Fisher P, Hreckovski B, Khorram-Manesh A, Komadina R, Lechner K, Stal M, Patru C, Burkle FM, Ingrassia PL. Disaster Med Public Health Prep. 2015 May 5:1-10.</p> <p>Identifying Deficiencies in National and Foreign Medical Team Responses Through Expert Opinion Surveys: Implications for Education and Training. Djalali A, Ingrassia PL, Corte FD, Foletti M, Gallardo AR, Ragazzoni L, Kaptan K, Lupescu O, Arculeo C, von Arnim G, Friedl T, Ashkenazi M, Heselmann D, Hreckovski B, Khorram-Manesh A, Komadina R, Lechner K, Patru C, Burkle FM, Fisher P. Prehosp Disaster Med. 2015 Apr;30(2):224.</p> <p>Virtual Reality Simulation Training for Ebola Deployment. Ragazzoni L, Ingrassia PL, Echeverri L, Maccapani F, Berryman L, Burkle FM, Della Corte F. Disaster Med Public Health Prep. 2015 Mar 18:1-4.</p> <p>Multiple withdrawals from single-use vials: a study on sterility. Ripoll Gallardo A, Meneghetti G, Ragazzoni L, Kroumova V, Ferrante D, Ingrassia PL, Ruzza P, Dell'Era A, Boniolo E, Koraq G, Faggiano F, Della Corte F. Int J Pharm. 2015 May 15;485(1-2):160-3.</p>

Art of disaster preparedness in European union: a survey on the health systems. Djalali A, Della Corte F, Foletti M, Ragazzoni L, Ripoll Gallardo A, Lupescu O, Arculeo C, von Arnim G, Friedl T, Ashkenazi M, Fischer P, Hreckovski B, Khorram-Manesh A, Komadina R, Lechner K, Patru C, Burkle FM Jr, Ingrassia PL. *PLoS Curr.* 2014 Dec 17;6.

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. Foletti M, Ingrassia PL, Ragazzoni L, Djalali A, Ripoll Gallardo A, Burkle FM Jr, Della Corte F. *PLoS Curr.* 2014 Jul 21;6.

Professionalization of anesthesiologists and critical care specialists in humanitarian action: a nationwide poll among italian residents. Ripoll Gallardo A, Ingrassia PL, Ragazzoni L, Djalali A, Careno L, Burkle FM, Della Corte F. *Prehosp Disaster Med.* 2015 Feb;30(1):16-21.

Nationwide program of education for undergraduates in the field of disaster medicine: development of a core curriculum centered on blended learning and simulation tools. Ingrassia PL, Ragazzoni L, Tengattini M, Careno L, Della Corte F. *Prehosp Disaster Med.* 2014 Oct;29(5):508-15.

Does Hospital Disaster Preparedness Predict Response Performance During a Full-scale Exercise? A Pilot Study. Djalali A, Careno L, Ragazzoni L, Azzaretto M, Petrino R, Della Corte F, Ingrassia PL. *Prehosp Disaster Med.* 2014 Oct;29(5):441-7.

Identifying deficiencies in national and foreign medical team responses through expert opinion surveys: implications for education and training. Djalali A, Ingrassia PL, Corte FD, Foletti M, Gallardo AR, Ragazzoni L, Kaptan K, Lupescu O, Arculeo C, von Arnim G, Friedl T, Ashkenazi M, Heselmann D, Hreckovski B, Khorram-Manesh A, Komadina R, Lechner K, Patru C, Burkle FM, Fisher P; Scientific Committee of DITAC Project. *Prehosp Disaster Med.* 2014 Aug;29(4):364-8.

The European Masters Degree in Disaster Medicine (EMDM): A Decade of Exposure. Della Corte F, Hubloue I, Ripoll Gallardo A, Ragazzoni L, Ingrassia PL, Debacker M. *Front Public Health.* 2014 May 21;2:49.

Education and training initiatives for crisis management in the European Union: a web-based analysis of available programs. Ingrassia PL, Foletti M, Djalali A, Scarone P, Ragazzoni L, Corte FD, Kaptan K, Lupescu O, Arculeo C, von Arnim G, Friedl T, Ashkenazi M, Heselmann D, Hreckovski B, Khorram-Manesh A, Komadina R, Lechner K, Patru C, Burkle FM, Fisher P. *Prehosp Disaster Med.* 2014 Apr;29(2):115-26.

Italian medical students and disaster medicine: awareness and formative needs. Ragazzoni L, Ingrassia PL, Gugliotta G, Tengattini M, Franc JM, Corte FD. *Am J Disaster Med.* 2013 Spring;8(2):127-36.

Data collection in a live mass casualty incident simulation: automated RFID technology versus manually recorded system. Ingrassia PL, Careno L, Barra FL, Colombo D, Ragazzoni L, Tengattini M, Prato F, Geddo A, Della Corte F. *Eur J Emerg Med.* 2012 Feb;19(1):35-9.

The effectiveness of training with an emergency department simulator on medical student performance in a simulated disaster. Franc-Law JM, Ingrassia PL, Ragazzoni L, Della Corte F. *CJEM.* 2010 Jan;12(1):27-32.

SIMMED SIMulation in MEDicine, Italian Society for simulation in medicine position paper: executive summary. Santalucia P, Zaninelli A, Ragazzoni L, Gensini GF; SIMMED. *Intern Emerg Med.* 2016 Jun;11(4):537-44.

#### Chapters

Authors	Djalali A, Ingrassia PL, Ragazzoni L.
Title	Role of Hospitals in a Disaster
Book	Ciottone GR. <i>Ciottone's Disaster Medicine 2<sup>nd</sup> Edition.</i> Elsevier.

- Authors Ingrassia PL, Mangini M, Djalali A, Ragazzoni L, Della Corte F.  
 Title Crush Syndrome  
 Book Ciottone GR. Ciottone's Disaster Medicine 2nd Edition. Elsevier.
- Authors Ingrassia PL, Foletti M, Ripoll Gallardo A, Giovagnoni E, Ragazzoni L.  
 Title The Role of Hospitals in the International Disaster Response.  
 Book Alexander D, Masini E, Mugnai L (Eds). In: NATO Science for Peace and Security Series - E: Human and Societal Dynamics, Volume 113: Integrated Emergency Management for Mass Casualty Emergencies. 2013. ISBN: 978-1-61499-310-0. DOI: 10.2333/978-1-61499-311-7-19. p. 19 – 30.
- Authors Ragazzoni L, Ingrassia PL, Della Corte F.  
 Title Medicina dei disastri.  
 Book In: Bigi E., Bressan F., Cabrini L., Gasperini C., Menarini M. La simulazione in Medicina. Raffaello Cortina Editore 2013. ISBN: 978-88-6030-635-7. p. 280 – 288.
- Authors Ingrassia PL, Ragazzoni L, Della Corte F  
 Title Medical Emergency response in toxological mass casualty.  
 Book Gullo A (Ed). A.P.I.C.E. Anaesthesia Pharmacology Intensive Care and Emergency Medicine, Volume 23. Springer-Verlag Italia 2011. ISBN 978-88-470-2013-9. p. 307 - 318

**Education e Training**

- Dates 01/11/2012 – 31/10/2015  
 Qualification Obtained PhD in Disaster Medicine  
 Thesis title Integration, implementation and analysis of innovative training tools for major incident, disaster and humanitarian emergency response.  
 Name and type of study centre Università del Piemonte Orientale
- Dates 20/03/2008 – 20/03/2012  
 Training program Anaesthesia, Critical Care and Pain Medicine Residency  
 Qualification Obtained Specialization in Anaesthesia, Critical Care and Pain Medicine  
 Principal subjects or skills studied . Anaesthetic techniques in general surgery, orthopaedics surgery, ophthalmology, ENT surgery, plastic surgery, maxillofacial surgery, paediatric surgery, cardiac surgery and neurosurgery  
 . Resuscitation techniques  
 . Management of critical patients  
 . Prevention and control of nosocomial infections  
 . Acute and chronic pain medicine  
 . Expertise in disaster medicine (member of the hospital committee for the revision of the hospital disaster plan)  
 . Training of hospital staff in advanced resuscitation techniques  
 . Teaching of disaster medicine within the academic course  
 Name and type of study centre Scuola di Specializzazione in Anestesia e Rianimazione, Facoltà di Medicina e Chirurgia, Università degli studi del Piemonte Orientale "A. Avogadro".
- Dates 01/11/2007 – 01/02/2008  
 Qualification Obtained Qualifying license  
 Principal subjects or skills studied License to practice as medical doctor  
 Name and type of study centre Facoltà di Medicina e Chirurgia, Università degli Studi del Piemonte Orientale "A. Avogadro".
- Dates 01/10/2004 – 20/10/2007

Qualification Obtained Medical Degree  
 Principal subjects or skills studied School of Medicine  
 Name and type of study centre Facoltà di Medicina e Chirurgia, Università degli Studi del Piemonte Orientale "A. Avogadro".

Personal skills and competences

Mother tongue Italian

Other languages

Self-assessment <i>European Level (*)</i>	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C1	C1	C1	C1	C2
<b>French</b>	B1	B1	B1	B1	B1
<b>Spanish</b>					
<b>Portuguese</b>					
<b>German</b>					

*Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages*

Social skills and competences Great aptitude for teaching and social interaction.  
 Good adaptability to difficult situations, ability to work in multicultural contexts.

Organizational skills and competences 2010 – to date  
 Coordinator and Project Manager of National and International educational, training and research programs in Disaster Medicine and Humanitarian Health.

Information technology skills and competences Excellent knowledge of:  
 Microsoft Word, Excel, PowerPoint, Outlook, platform for distance learning MOODLE

Other skills and competences 2008 – to date  
 Instructor of: Basic Life Support and Defibrillation (BLS-D), Advanced Cardiac Life Support (ACLS) and Advanced Airway Management, AOU Maggiore della Carità, Novara  
 2009 – to date  
 Senior Instructor and Educator  
 Emergo Train System (ETS), Centre for Teaching and Research in Disaster Medicine and Traumatology (KMC), Linköping, Svezia  
 Instructor and Educator  
 ISEE and XVR Disaster Simulator, E-Semble, Delft, Netherlands

June 16<sup>th</sup>, 2016  
 Novara, Italy.

Signature

