

**Jeffrey Michael Franc,**  
MD, FCFP.EM, Dip Sport Med, EMDM, MSc

Clinical Professor of Emergency Medicine,  
Department of Emergency Medicine, University of Alberta

Visiting Professor in Disaster Medicine  
Dipartimento di Medicina Clinica e Sperimentale  
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**Languages:** English, Italian, French (written and spoken)  
Spanish (working knowledge)

## Career Objectives

- Continue to practice in a full-time emergency department setting.
- Develop new skills in teaching, research, and management of disaster medicine with emphasis on disaster plan evaluation through computer simulations.

## Summary of Experience

- Residency training in Emergency Medicine, Sport Medicine, and Family Medicine.
- Masters Degree and Research sabbatical in Disaster Medicine.
- Masters degree in applied statistics and Quality Engineering
- Superior clinical skills in emergency medicine developed during fifteen years as university teaching faculty in an adult and pediatric tertiary care emergency department.
- Disaster planning medical director for the province of Alberta.
- Advanced skills in clinical sports medicine and in disaster management of a large scale sporting event

## Clinical Work Experience

**Associate Clinical Professor of Emergency Medicine** 1998-present  
University of Alberta Hospital, Edmonton, Alberta, Canada

- Assessing and treating emergency department patients in a large trauma referral university setting.
- Evaluating and managing trauma patients while serving as the Trauma Team Leader.
- Instructing residents and medical students in a clinical setting.
- Developing and maintaining a multilingual glossary of emergency medicine terms in English, French, Italian, and Spanish: [www.pezzot.com/lang.html](http://www.pezzot.com/lang.html)

**Pediatric Emergency Physician** 2001-present  
University of Alberta Children's Hospital, Edmonton, Alberta, Canada

- Assessing and treating pediatric emergency department patients in a large university hospital.
- Instructing residents and medical students in a clinical setting.

**Medical Director Emergency/Disaster Management** 2010-2015  
Alberta Health Services

- Overseeing medical direction in Disaster Management for a population of approximately 3 million people.
- Developing and implementing disaster management protocols including command-and-control structure for emergency response

**Casualty Officer** 1998  
Fort McMurray Hospital, Fort McMurray, Alberta, Canada

- Assessed and treated emergency department patients in a community based hospital.
- Acted as Flight Physician for air medical evacuation.

## Non-Clinical Work Experience

**Visiting Professor in Disaster Medicine** 2008-Present  
Dipartimento di Medicina Clinica e Sperimentale  
L'Università degli Studi del Piemonte Orientale "Amedeo Avogadro" Novara, Italy

- Development of mathematical modeling and simulation based training in Disaster Medicine
- Training of medical students in multiple topics of disaster medicine
- Tutoring masters degree students in thesis preparation
- Data Analysis and critical appraisal of manuscript preparation.

**Visiting Professor in Disaster Medicine** 2008-present  
Vrije Universiteit Brussel, Belgium

**Disaster Medicine Residency Program Coordinator** 2010-present  
University of Alberta, Edmonton, Alberta, Canada

- Developed innovative strategies for a vertical curriculum in disaster medicine for two emergency medicine residency programs.
- Supervising annual computerized simulation exercises for emergency medicine residents.
- Lecturing on a rotating schedule of disaster medicine issues.
- Teaching bioterrorism annually to pharmacy students

**Physician Coordinator, Disaster Planning committee** 1999-2013  
University of Alberta Hospital, Edmonton, Alberta, Canada

- Piloting and implementing a multi-disciplinary action plan for hospital disaster response.
- Facilitating and coordinating ongoing table-top exercises.
- Presenting at teaching rounds on topics in disaster medicine.
- Developing and maintaining a web site for a computer based disaster medicine tutorial:  
[www.surgesim.com](http://www.surgesim.com)

- Physician Representative, Occupation Health Committee** 2000-2007  
University of Alberta Hospital, Edmonton, Alberta, Canada
- Promoting and overseeing appropriate measures to facilitate employee safety in the emergency department.
- Chief Medical Officer, 2005 World Masters Games** 2005  
Edmonton, Alberta
- Designed and implemented emergency and disaster planning for a sporting event of 23,000 athletes
  - Created protocols for emergency management of sporting injuries
  - Chaired interdisciplinary meetings of the medical committee
- Examiner, Canadian Academy of Sport Medicine** 2004
- Examining in a multi-station clinical examination
- Physician Representative, Quality Care Committee** 1999-2001  
University of Alberta Hospital, Edmonton, Alberta, Canada
- Presented a multi-media overview of quality care efforts in the Division of Emergency Medicine.
  - Aided in the design and operation of hospital based quality care projects.
- Coordinator, Year 2000 Disaster Planning Committee** 1999-2000  
University of Alberta Hospital, Edmonton, Alberta, Canada
- Researched and developed an Emergency Medicine approach to potential Year 2000 disasters.
- Chief Resident, CCFP.EM Program** 1998-1999  
University of Alberta Hospital, Edmonton, Alberta, Canada
- Modeled an objective tool for faculty evaluation.
  - Interviewed candidates for the University of Alberta Emergency Medicine Residency Program.
- Web-Site Programmer** 1997-1999  
Canadian Academy of Sport Medicine (CASM)
- Programmed and maintained the CASM website, [www.casm-acsm.org](http://www.casm-acsm.org)
- Assistant Chief Resident, CCFP Program** 1997-1998  
McGill University, Montreal, Quebec, Canada
- Scheduled resident call roster.
  - Evaluated and appraised resident performance records.

## Education

- MSc Applied Statistics** 2008-2013  
Rochester Institute of Technology
- Study program concentrating on Quality Engineering
  - Researched projects emphasizing Quality Engineering in Emergency Department management
  - Developed Special skills in machine learning and mathematical modeling.

- European Master in Disaster Medicine** 2005-2006  
 Università della Piemonte Orientale, Novara, Italy
- Conducted simulated disaster management exercises using electronic and full-scale exercises.
  - Developed a database of simulated patients as an international standard for testing of hospital disaster plans.
  - Created a computerized Emergency Department simulation model for disaster management.

- CCFP.EM Residency** 1997-1998  
 University of Alberta, Edmonton, Alberta, Canada  
 Skills and Responsibilities
- Managed patients in community and university based hospital emergency departments.
  - Developed superior skills in invasive procedures such as bronchoscopy, intubation, and central line placement
  - Organized a scientifically based athletic training program for cyclists and trained several prominent athletes using this program: [www.voltarace.com](http://www.voltarace.com)

- CCFP (Family Medicine) Residency** 1995-1997  
 McGill University, Montreal, Quebec, Canada
- Developed special skills in Emergency Medicine, Sport Medicine, and Orthopedics.
  - Managed patients in ambulatory and inpatient settings in a hospital with a prominent geriatric and multi-lingual patient base.

- Rotating Internship** 1994-1995  
 McGill University, Montreal, Quebec, Canada
- Developed and maintained a patient based information website for sport medicine: [www.voltarace.com/frankenstein/](http://www.voltarace.com/frankenstein/)

- MD Program** 1991-1994  
 University of Calgary, Calgary, Alberta, Canada
- Conducted research to implement a protocol for investigation of cervical spine injuries.
  - Presented a research project on the use of arthrography for the evaluation of knee injury.

- Bsc (Honors) Physiology** 1988-1991  
 University of Alberta, Edmonton, Alberta, Canada

## Licensing and Certifications

Six Sigma Black Belt	2014
Six Sigma Green Belt / Design for Six Sigma	2011
Emergency Operations Center Level EOC-100/EOC-200	2006
Incident Command System Levels I-100/I-200/I-300	2005
Emergency Operations Center Level EOC-1	2005
Diploma in Sport Medicine, (CASM)	2003
CCFP.EM Certification Examination (Emergency Medicine)	1998
CCFP Certification Examination (Family Medicine)	1997
Quebec Family Medicine Certification Examination	1997
Office de La Langue Francais, French Competency Exam	1997

## Additional Learning Activities

AHLS Provider Course	2014
ACLS Provider Course	2014
PALS Provider Course	2013
APLS Provider Course	2012
APLS Provider Course	2003
ACLS/PALS Instructor Course	1999
ATLS Provider Course	1998
Teaching Enhancement Workshop	1997

## Honors and Awards

Clinical Teacher of the Year, University of Alberta	2009,2005,2002
Louise McKinney Scholarship	1989
Undergraduate Math Award	1989
Rutherford Scholarship	1988

## Memberships and Associations

Council of Public Health Physicians, Executive Member	2011-2014
European Master in Disaster Medicine Alumni Association	2009-2014
European Master in Disaster Medicine Academy, Board Member, Education Committee	2009
European Master in Disaster Medicine Alumni Association Secretary	2007-2009
European Society of Emergency Medicine, Board Member, Section of Disaster Medicine	2008-2009
Canadian Academy of Sports Medicine	2001-2014
World Association of Disaster and Emergency Medicine	2006-2009

## Publications: Journals

Lee CWC, McLeod SL, Van Aarsen K, Klingel M, Franc JM, Peddle MB. First responder accuracy using SALT during mass-casualty incident simulation. *Prehosp Disaster Med.* 2016;31(2):150-154.

Lee JS, Franc JM. Impact of a two-step emergency department triage model with START, then CTAS, on patient flow during a simulated mass-casualty incident. *Prehosp Disaster Med.* 2015;30(4):1-7.

Franc JM, Ingrassia PL, Verde M, Colombo D, Della Corte F. A simple graphical method for quantification of disaster management surge capacity using computer simulation and process control tools. *Prehosp Disast Med* 2015,30:9-15.

Ragazzoni L, Ingrassia PL, Gugliotta G, Tengattini M, Franc JM, Della Corte F: Italian

medical students and disaster medicine: Awareness and formative needs. *Amer J Disast Med* 2013; 8: 127-136.

Ingrassia, PL, Colombo D, Barra FL, Carengo L, Franc J, Della Corte F. Impacto de la formación en gestión médica de desastres: resultados de un estudio piloto utilizando una nueva herramienta para la simulación in vivo. *Emergencias* 2013; 25:00-000.

Franc JM, Nichols D, Dong S: Increasing Emergency Medicine residents' confidence in disaster management: Use of an Emergency Department simulator and an expedited curriculum. *Prehosp Disaster Med* 2012;26(6):1-5.

Ahlborn L, Franc JM: Tornado hazard communication disparities among Spanish-speaking individuals in an English-speaking community. *Prehosp Disaster Med* 2012; 26:1-5

Franc-Law JM, Ingrassia PL, Ragazzoni L, Della Corte F. The effectiveness of simulation based training on the Disastermed.Ca emergency department simulator for medical student training in disaster medicine. *CJEM* 2010; 12:27-32.

Ingrassia PL, Prato F, Geddo A, Colombo D, Tengattini M, Calligaro A, La Mura F, Franc-Law JM, Della Corte F. Evaluation of Medical Management during a Mass Casualty Incident Exercise: An Objective Assessment Tool to Enhance Direct Observation. *J Emerg Med* 2010; 629-636.

Franc-Law JM, Bullard M, and Della Corte F. Accuracy of computer simulation using the Disastermed.Ca patient database in predicting patient flow during mass casualty incidents in a large urban hospital. *Prehosp Disast Med* 2008; 23:354-360.

Franc-Law JM, Bullard MJ, Della Corte F. Simulation of a hospital disaster plan using the Disastermed.Ca patient database and an existing computerized patient tracking system: A virtual live exercise. *Prehosp Disast Med* 2008; 23: 346-353.

Franc-Law JM. A community based model for medical management of a large scale sporting event. *Clin J Sport Med* 2006;16: 406-11.

Franc-Law JM, Begin LR, Vasilevsky CA, Gordon PH. The dramatic presentation of colonic lipomata: Report of two cases and review of the literature. *Am Surg* 2001 May; 67(5): 491-4. Review.

Steiner IP, Franc-Law JM, Kelly RD, Rowe BH. Faculty evaluation by residents of an emergency medicine program: A new evaluation instrument. *Acad Emerg Med* 2000 Sep; 7(9) 1015-21.

Franc-Law JM, Rossignol M, Vernec A, Somygi D, Shrier I. Poisoning-induced acute atraumatic compartment syndrome. *Am J Emerg Med* 2000 Sep; 18(5): 616-21. Review.

## Publications: Text Chapters

Franc JM. Avalanche Emergencies. In Ciottone G, Della Corte F (eds): *Specific Multiple Casualty Treatment*: 2008.

Franc JM, Photiou S. Pandemic Influenza. In Ciottone G, Della Corte F (eds): Specific Multiple Casualty Treatment: 2008.

Franc JM. Winter Storms. In Ciottone G, Della Corte F (eds): Specific Multiple Casualty Treatment: 2008.

Franc JM, Stewart KM, Stewart C. Technological Terrorism. In Ciottone G, Della Corte F (eds): Specific Multiple Casualty Treatment: 2008.

## Submitted and Pending Review or Revision

Franc JM, Verde M, Gallardo AR, Carengo L, Ingrassia PL. An Italian Version of the Ottawa Crisis Resource Management Rating Scale: A Reliable and Valid Tool for Assessment of Simulation Performance

Curran-Sills G and Franc JM. Sequential START-CTAS Triage in Emergency Department setting for mass casualty incidents.

## Invited Presentations

Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 21, 2016

Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 22, 2015

Franc JM and Franchuk CR. Lessons learned from a structural collapse: Can engineers and physicians learn from each other? University of Alberta, Department of Civil and Environmental Engineering, Structural Graduate Student Seminar. Feb 26, 2015.

Computer Simulation of a Mass Casualty Incident Using the SurgeSim Emergency Department Simulator. European Master in Disaster Medicine, Novara, Italy, 2010-2015. (annually)

Command and Control: Incident Command System. European Master in Disaster Medicine, Novara, Italy, 2008-2015. (annually)

Computer Simulation of a Mass Casualty Incident Using the SurgeSim Emergency Department Simulator. University of Alberta, 2008-2015. (annually)

Use of a Two Stage Triage Process During a Simulated Mass Casualty Incident. University of Alberta. June 17, 2014.

Ipotermia nei Disastri. Novara, Italy. April 8, 2014.

A computerized surge capacity simulation exercise in a low resource environment. Novara, Italy. April 8, 2014.

Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 19, 2014.

Incident Command System. European Master in Disaster Medicine. Video-lesson. March 13, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 6B: Report writing. Novara, Italy. February 12, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 6A: Effective plots and tables. Novara, Italy. February 12, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 5B: Measuring survey reliability and validity. Novara, Italy. February 10, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 5A: Interpretation of p-values and confidence intervals. Novara, Italy. February 10, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 4B: Data collection. Novara, Italy. February 6, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 4A: Multivariate Hypothesis Testing. Novara, Italy. February 6, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 3B: Univariate hypothesis testing. Novara, Italy. February 4, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 3A: Summary Statistics. Novara, Italy. February 4, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 2B: Questionnaire Design. Novara, Italy. January 29, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know: 2A: General Study Design. Novara, Italy. January 29, 2014.

Methodology of research in emergency and disaster medicine: what the researcher needs to know. 1B: Reducing type I and Type II errors. Novara, Italy. January 27, 2014

Methodology of research in emergency and disaster medicine: what the researcher needs to know. 1A: General hypothesis design. Novara, Italy. January 27, 2014

A computerized simulation of Emergency Department management for medical students. Novara, Italy, April 18, 2014.

Computer Simulation of a Mass Casualty Incident Using the SurgeSim Emergency Department Simulator. Stollery Children's Hospital, 2013.

Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 27, 2013.

Computer Simulation of a Mass Casualty Incident Using the SurgeSim Emergency Department Simulator. Alberta Children's Hospital, Calgary, 2012.



Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 30, 2012.

Emergency/Disaster Management: A Collaborative and Integrated way Forward: Medical Aspects. University of Alberta Trauma Rounds, December 2011.

Incident Command System. European Master in Disaster Medicine. Video-lesson. April 28, 2011.

Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 11, 2011.

Bioterrorism for Pharmacists. Pharmacy 477. University of Alberta. March 21, 2010.

Computer Simulation of a Mass Casualty Incident Using the disastermed.ca Emergency Department Simulator. Central European Emergency Medicine Symposium, Wroclaw, Poland, June 17, 2009.

Command and Control: Incident Command System. Central European Emergency Medicine Symposium, Wroclaw, Poland, June 17, 2009.

Computer Simulation Exercise in Hospital Surge Capacity Using the disastermed.ca Emergency Department Simulator. European Master in Disaster Medicine, Novara, Italy, June 2009.

Command and Control: Incident Command System. European Master in Disaster Medicine, Novara, Italy, June 2009.

Simulazione Informatica: Gestione sanitaria del Pronto Soccorso in risposta ad una maxi-emergenza. Corso di Formazione Principi generali di Medicina dei Disastri. Genova, Italy, April 27 2009.

La catena del comando e controllo in ospedale. Corso di Formazione Principi generali di Medicina dei Disastri. Genova, Italy, April 27 2009.

Simulazione Pratica di Gestione Sanitaria di un'emergenza Infettiva. Novara, Italy, December 16, 2008.

Simulazione Informatica: Gestione Sanitaria del Pronto Soccorso in Risposte ad una Maxiemergenza. Palermo, Sicily, October 14-15, 2008.

Triage: Principi e le metodologie. Palermo, Sicily, October 13, 2008.

La Catena di Comando e controllo nel ospedale. Palermo, Sicily, October 13, 2008.

Command, Control, and Coordination. European Society of Emergency Medicine Annual Meeting. Munich, Germany, September 13, 2008.

Disaster Preparedness: Department of Surgery Grand Rounds. Edmonton, AB, Sept 7, 2008.

Simulation of a Mass Casualty Incident. United Nations Mass Emergency Response Training. Gothenborg, Sweden. June 10, 2008.

EMS and the Hospital. Command, Control, and Coordination. United Nations Mass Emergency Response Training. Gothenborg, Sweden. June 10, 2008.

Hypothermia in Disasters: Avalanches and Winter Storms. United Nations Mass Emergency Response Training. Gothenborg, Sweden. June 10, 2008.

Simulation training in Surge Capacity. European Master in Disaster Medicine. May 26, 2008.

Simulazione di una Maxiemergenza nel Ospedale. Corso Opzionale in Medicina dei Disastri. Novara, Italy. May 21/June 6, 2008.

Commando, Controllo, e Coordinamento in una Maxiemergenza. Corso Opzionale in Medicina dei Disastri. Novara, Italy. May 19, 2008.

EMS and the Hospital: Command, Control, and Coordination. PLESMAC Course in Disaster Medicine. Azores, Portugal, May 13, 2008.

Biological Disasters. PLESMAC Course in Disaster Medicine. Azores, Portugal, May 13, 2008.

L'Emergenza Ospedaliera in Canada. Master in Economia Politica Sanitaria, Torino, Italy, April 23, 2008.

Disaster Medicine Simulation: Mediterranean Emergency Medicine Conference IV, Sorrento, Italy, Sept 18, 2007.

Emergency Department Management Simulation Exercise: European Master of Disaster Medicine 2007. Courmayeur, Italy, June 8, 2007.

Rising to the Challenge of Optimal Influenza Management: Seasonal and Pandemic. Edmonton, AB, Canada, Feb 13, 2007.

Update on Pandemic Influenza. Emergency Nursing Interest Group Conference, Kananaskis, AB, Canada, Oct 14, 2006.

CBRNE Update for Emergency Physicians. Department of Emergency Medicine Grand Rounds, University of Alberta, Sept 5, 2006.

Introduction to Incident Command System. Department of Emergency Medicine Grand Rounds, University of Alberta, Dec 12, 2005.

Tabletop exercise for the University of Alberta Hospital Disaster Plan. Department of Emergency Medicine Grand Rounds, University of Alberta, Oct 18, 2005.

Approach to the Collapsed Athlete. Department of Emergency Medicine Grand Rounds, University of Alberta, April 2, 2005.

## Research Grants

Johnson D, Predy G...Franc-Law J. Feasibility and effectiveness of a community triage center to manage influenza-like illness in an urban setting. Canadian Institute of Health Research Operating Grant in Pandemic Preparedness. 2006-2008.

## Oral Abstract Presentations

Classification of twitter data from the 2012 Emilia-Romagna earthquake by machine learning: comparison of k-nearest neighbors, kernel support vector machine, and string kernel methods. European Society of Emergency Medicine, Amsterdam, Netherlands, 2014.

Use of the Kernel Support Vector Machine for Prediction of Need for Admission and Time for Disposition among Simulated Emergency Department Patients During Disaster Exercises. European Society of Emergency Medicine, Marseille, France, 2013.

Derivation of Benchmarks for Disaster Management Surge Capacity with the SurgeSim Emergency Department Simulation Software and Statistical Process Control. European Master of Disaster Medicine Scientific Meeting, Marseille, France, 2013.

Measuring Disaster Management Surge Capacity with the Disastermed.Ca Simulation. A Process Control Study. European Society of Emergency Medicine, Stockholm, Sweden, 2010.

Measuring Disaster Management Surge Capacity with the SurgeSim Visual Simulator. University of Alberta Research Day, 2010.

Simulation Training in Surge Capacity Management Using the Disastermed.Ca Emergency Department Simulator. European Society of Emergency Medicine Annual Meeting, Munich, Germany, September 14, 2008.

Evaluation of the Disastermed.Ca Simulation Based Curriculum for Disaster Medicine. European Society of Emergency Medicine Annual Meeting, Munich, Germany, September 14, 2008.

## Posters

Ingrassia PL, Vettoreto K, Boniolo E, Carnezo L, Franc J, Ragazzoni L, Dell Corte F. L'uso di twitter nella risposta acuta di un disastro in Italia: il terremoto in Abruzzo (2009) e in Emilia Romagna (2012) a confront. Congresso SIAARTI 2014, Venice, Italy.

A pilot study of a short course in research and statistics for graduate students in emergency and disaster medicine entitled "methodology of research in emergency and disaster medicine: what the researcher needs to know". European Society of Emergency Medicine, Amsterdam, Netherlands, 2014.

A pilot study on the use of a computerized surge capacity simulation exercise in a low resource environment: an evaluative tool for hospital preparedness and a training tool for students attending a course in emergency management in low resource environments. European Society of Emergency Medicine, Amsterdam, Netherlands, 2014.

Verification of a novel disaster medicine curriculum constructed using the techniques of design-for-six-sigma. European Society of Emergency Medicine, Amsterdam, Netherlands, 2014.

Speed and accuracy of triage for simulated disaster patients in an emergency department setting: Comparison of the Canadian Triage Acuity Scale (CTAS) and Simple Triage and Rapid Treatment (START). European Society of Emergency Medicine, Amsterdam, Netherlands, 2014.

Curran-Sills G, Franc JM. Speed and accuracy of triage for simulated disaster patients in an emergency department setting: Comparison of the Canadian Triage Acuity Scale (CTAS) and Simple Triage and Rapid Treatment (START). European Society of Emergency Medicine, Amsterdam, Netherlands, 2014.

ICED: Incident Command for Emergency Departments. Results of a customer satisfaction survey for a novel command and control tool. European Society of Emergency Medicine, Marseille, France, 2013.

Design for Six Sigma in Disaster Medicine Curriculum Development for Emergency Medicine Residents. European Society of Emergency Medicine, Marseille, France, 2013.

Use of logistic regression to predict the need for admission among emergency department patients: a model to predict patient suitability for a rapid assessment zone. European Society of Emergency Medicine, Marseille, France, 2013.

A Structured Approach to Shift Scheduling in the Emergency Department: Implementation of Simple Statistical Methods to Evaluate Physician Workload. European Society of Emergency Medicine. Stockholm, Sweden, 2010

Verde M, Della Corte Franc JM. Modeling of realistic procedure delays in disaster Medicine. European Society of Emergency Medicine, Stockholm, Sweden, 2010.

Dong SL, Nichols DN, Franc-Law JM. Teaching Disaster Medicine Through a Simulation Based Curriculum. Festival of Teaching, University of Alberta, Edmonton, 2009.

Effectiveness of Simulation Based Training on the disastermed.ca Emergency Department Simulator in Addition to Problem Based Learning for Medical Student Training in Disaster Medicine. World Association of Disaster and Emergency Medicine, Victoria, Canada, 2009

Simulation Training in Surge Capacity Management Using the Disastermed.Ca Emergency Department Simulator. World Association of Disaster and Emergency Medicine, Victoria, Canada, 2009.

Nichols DN, Dong SL, Franc-Law JM. Teaching Disaster Medicine by a Simulation-Based Curriculum, International Conference on Residency Education, Royal College of Physicians and Surgeons of Canada, Ottawa, 2008.

Dong SL, Nichols DN, Franc-Law JM. Resident Acceptance and Attitudes to a Simulation-Based Disaster Medicine Curriculum. , International Conference on Residency Education, Royal College of Physicians and Surgeons of Canada, Ottawa, 2008.

Use of the Disastermed.Ca Emergency Department Simulation in Addition to Problem Based Learning Alone for Medical Student Education in Disaster Medicine. Società di Anestesia Analgesia Rianimazione e Terapia Intensiva Annual Meeting. Palermo, Sicily, October 14, 2008.

Simulation Training in Surge Capacity Management Using the Disastermed.Ca Emergency Department Simulator. Società di Anestesia Analgesia Rianimazione e Terapia Intensiva Annual Meeting. Palermo, Sicily. October 14, 2008.

Use of the Disastermed.Ca Emergency Department Simulation in Addition to Problem Based Learning Alone for Medical Student Education in Disaster Medicine. European Society of Emergency Medicine, Munich, Germany, September 14, 2008.

Hospital disaster plan simulation using the "Disastermed.ca" patient database and an existing, computerized, patient tracking system: a virtual live exercise. World Association of Disaster Medicine, Amsterdam, Netherlands, 2007

Faculty evaluation by residents of and emergency medicine program: A new evaluation instrument. Alberta Meeting on Medical Education. May 4, 1998.

## Graduate Student Supervision

Lee, James. European Master in Disaster Medicine. 2013-2014

Lee, Chris. European Master in Disaster Medicine. 2013-2014

Curran-Sills, Gwynn. European Master in Disaster Medicine. 2012-2013

Chin, Rashad. European Master in Disaster Medicine. 2011-2012.

Ahlborn, Leslie. European Master in Disaster Medicine. 2009-2010.

## References

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