

## **WILLIAM J. LEGGIO, JR., EdD**

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### **EDUCATION**

DOCTOR OF EDUCATION | INTERDISCIPLINARY LEADERSHIP

*Creighton University, College of Arts and Science; Omaha, NE*

12/2013

MASTER OF SCIENCE | NEGOTIATION AND DISPUTE RESOLUTION

*Creighton University, School of Law, Werner Institute; Omaha, NE*

12/2010

BACHELOR OF SCIENCE | EMERGENCY MEDICAL SERVICES

*Creighton University, University College; Omaha, NE*

08/2009

### **CERTIFICATE EDUCATION**

Executive Certificate | Business Essentials and Human Resource Management

*University of Florida, Professional Development & Executive Education; Gainesville, FL*

07/2014

### **ACADEMIC AND PROFESSIONAL EMPLOYMENT**

King Saud University, Prince Sultan College of EMS; Riyadh, Saudi Arabia

09/2011 to Present

Faculty | 09/2011 to Present | Instruct and evaluate EMT, paramedic, and critical care provider courses. Instruct

professional courses that develop leadership, management and educational skills. Instruct life support courses such as American Heart Association training programs and Pre-hospital Trauma Life Support.

Director of Simulated Education | 11/2011 to Present | Responsible for \$3 million worth of high-fidelity manikins, training simulators and equipment required for developing and evaluating psychomotor and interventional skills. Lead the department to provide 32 credit hours of simulated training. Manage ten technicians and support staff. Responsible for ensuring academic quality and integrity of psychomotor development and evaluation.

Research Unit Coordinator | 09/2012 to Present | Coordinate and participate in the evaluation process of research applications. Supervise student research projects and support formal presentation or publication. Approve and award research grants based on merit.

Nebraska City Fire and Rescue; Nebraska City, NE

10/2009 to Present

Paramedic | Respond to emergency and non-emergency requests in a community and rural setting that included highways, rail line and industry. Provide mutual aid assistance to basic life support services. Manage and transport patients from community based hospitals to urban hospitals with expanded capabilities. Maintain relationship by performing duties during summer months.

Creighton University, Department of EMS Education; Omaha, NE

03/2006 to Present

Adjunct Instructor | Co-Instruct EMT and Health Care Provider to EMT and Paramedic Courses. Psychomotor and interventional skill Instructor for EMT and paramedic courses. Instructs life support courses such as American Heart Association training programs and Pre-hospital Trauma Life Support. Maintain relationship by performing duties during summer months.

Creighton University Medical Center, Emergency Department; Omaha, NE

07/2010 to 11/2011

Paramedic | Provided patient care and directly managed patients in an urban level 1 academic trauma center. Provided emergent trauma care as part of an interdisciplinary team to patients suffering from high mechanism and multi-system injuries.

Glenwood Fire and Rescue; Glenwood, IA

01/2010 to 07/2011

Critical Care Paramedic | Responded to emergency and non-emergency requests in a suburban, community and rural setting that included interstate, rail lines, highways and industry. Provided countywide critical care and advance life support mutual aid and intercept support for other rescue departments.

Jennie Edmundson Hospital, Emergency Department; Council Bluffs, IA

07/2005 to 01/2010

Technician | Performed 12-lead EKGs and basic vital monitoring. Provided support to medical and nursing staff. Entered physician orders and performed clerical duties. Coordinated patient care with other hospital departments. Provided assistance to patients and transported admitted patients to inpatient units.

### **HONOR**

Alpha Sigma Nu Jesuit Honor Society, Member

Inducted 02/2014

Honors the top 2% of students from 28 Jesuit institutions of higher education who have distinguish themselves in scholarship, loyalty and service to promoting the ideals of Jesuit education.

## REFEREED PUBLICATIONS

- Leggio, W. J.** (2014) The Profile of an Emergency Medical Services Leader: A Multi-National Qualitative Study. *International Paramedic Practice*, 4(2), 32-37.
- Leggio, W. J.** (2014) Objectives of Community Oriented and Based Education Applied to Community Paramedicine. *Journal of Contemporary Medical Education*. doi:10.5455/jcme.20140716062857
- Leggio, W. J.** (2014) The State of Leadership Education in Emergency Medical Services: A Multi-National Qualitative Study. *Prehospital and Disaster Medicine*, 29(5), 478-483. doi:10.1017/S1049023X14000867
- Leggio, W. J.** (2013) Is the Bar for Entry into the Practice of EMS Too Low? A Reflection from the Inside and Outside. *Domain 3: National Association of EMS Educators*, 18-25.

## PROFESSIONAL PUBLICATIONS

- Leggio, W.**, Krtek, M., Najjar, A., Binsalleh, H., Alrazeeni, D., & Fouda, K. (2014). Simulated Mass Causality Incident Training for Paramedic Students: An Experience from the Kingdom of Saudi Arabia. *Journal of Emergency Medical Services: Simulation Integration Editorial Supplement*, 16, 14-19
- D'Alenssandro, K., **Leggio, W.**, & Al Mubarek, H. (2013). World's Largest Gathering: Muslim Mass Pilgrimage Poses EMS Logistical & Planning Challenges. *Journal of Emergency Medical Services*, 38(9), 52-57.

## ABSTRACT POSTER PRESENTATION

- Cherney, I., & **Leggio, W.** (2014). *Creation of an Open Access Interdisciplinary Leadership Journal*. Poster presented at the annual meeting of the International Leadership Association, San Diego, CA.

## DISSERTATION

- Leggio, W. J.** (2013). *How Leadership is Learned in Emergency Medical Services: A Qualitative Study Among Emergency Medical Service Providers From Multiple Nations Working in Riyadh, Kingdom of Saudi Arabia*. (Doctoral dissertation, Creighton University). Retrieved from <http://hdl.handle.net/10504/46833>.

## EDITOR AND REVIEWER

- |   |                    |
|---|--------------------|
| Editorial Board / <i>Austin Journal of Emergency and Critical Care Medicine</i>                                 | 10/2014 to Present |
| Founding Managing Editor   <i>Creighton Journal of Interdisciplinary Leadership</i>                             | 01/2014 to Present |
| Reviewed Environmental Trauma: Heat and Cold / <i>Prehospital Trauma Life Support: 8<sup>th</sup> Edition</i> . | 07/2013            |

## INTERNATIONAL CONFERENCE PRESENTATIONS

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|--|---------|
| International. Conference on Advance Clinical Simulation: Excellence in Training and Medical Education | 10/2014 |
| Prince Sultan Military College of Health Sciences; Dhahran, Kingdom of Saudi Arabia                    |         |
| Supporting Interdisciplinary Simulated Training in Healthcare  |         |
| Incorporating Human Actors Into Simulated Education  |         |
| 2 <sup>nd</sup> Saudi EMS Forum: Postgraduate & Research   | 05/2014 |
| King Saud University; Riyadh, Kingdom of Saudi Arabia  |         |
| Creating a Simulated MCI Scenario for EMS Students   |         |

## NATIONAL COMMITTEES

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|--|--------------------|
| International Trauma Life Support Committee   Saudi Red Crescent   | 06/2014 to Present |
| Founding member of the National Training Department and National Committee tasked to develop, promote and safeguard ITLS instruction in Saudi Arabia. Developed the national ITLS policy and procedure manual. Evaluate applications from institutes seeking to be ITLS centers. Monitor the activities of all ITLS centers and sanctioned courses within Saudi Arabia. Oversee the national Medical Director, Program Coordinators, Affiliate Faculties, Instructors and Providers. |                    |
| National Occupation Skills Standards for EMT   Saudi Skills and Standards  | 04/2014 to 06/2014 |
| Prepare National Occupation Skills Standards for Emergency Medical Technicians and specifications expected at all levels of the occupation to be included in a reform program for vocational education in the Kingdom of Saudi Arabia.   |                    |
| Protocol Development   Saudi Arabian Red Crescent Authority  | 07/2012            |
| Developed and submitted national EMS protocols for Saudi Red Crescent Authority.   |                    |
| Scope of Practice   Saudi Arabian Red Crescent Authority   | 03/2012            |
| Developed and submitted an internal national scope of practice for EMS Drivers, EMT, Paramedic, Nurse and Flight Crew for Saudi Red Crescent Authority.  |                    |

## ACADEMIC ADVISORY BOARDS

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|---|--------------------|
| Graduate Program / Creighton University EMS Education                               | 08/2012 to Present |
| Review and advise on the Master of Science in Emergency Medical Services program.   |                    |
| Undergraduate Program   Creighton University EMS Education                          | 10/2009 to Present |
| Review and advise on the Bachelor of Science in Emergency Medical Services program. |                    |

## CONFERENCE ADVISORY BOARD

Michigan State University Dubai: International Conference on Higher Education 06/2014 to Present  
2014 Themes: Education, employability and employment: The vital bridge; Maintaining quality while widening access: Squaring the circle; Innovation in teaching and learning: Connecting with today's learners.

## ACADEMIC COMMITTEES

*Graduate Studies* | Prince Sultan College for EMS 09/2013 to Present  
Responsible to develop the curriculum, benchmarks and recruit for a Master of Science in Emergency Medical Services that is responsive to the needs of the Kingdom of Saudi Arabia.

*Academic Affairs* | Prince Sultan College for EMS 02/2013 to Present  
Responsible for monitoring and assessing the academic quality of courses and training.

*Accreditation* | Prince Sultan College for EMS 10/2012 to Present  
Striving to achieve college and curriculum accreditation from Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) under Commission on Accreditation of Allied Health Education Programs (CAAHEP) of the U.S. and NCAAA of Saudi Arabia.

*Curriculum Development* | Prince Sultan College for EMS 09/2011 to 09/2012  
Developed a bachelor of science in emergency medical services curriculum that was adapted from the U.S. Department of Transportation and National Highway Traffic Safety Administration EMS education standards to meet the needs of Kingdom of Saudi Arabia while maintaining U.S. and international standards. Curriculum was accepted by King Saud University and is the benchmark within Saudi Arabia for EMS education and training.

## COORDINATED TECHNICAL TRAINING

EMS Olympics Simulated MCI Scenario, Prince Sultan College of EMS; Riyadh, Saudi Arabia 05/2014  
Principal Organizer | Created a multi-causality incident training scenario of a school shooting with 15 injured patients and a scene actor for paramedic students. Incorporated both actors and high-fidelity manikins. Directed the head committee and supervised the work of other committees. Created and managed a training budget. Created evaluation forms and organized evaluators and assistants. Conducted debriefing session.

Saudi Red Crescent MCI Scenario, Training Department; Riyadh, Saudi Arabia 01/2014  
Co-Organizer | Created the scenario and evaluation forms for a 20 patient multi-causality incident training of EMS providers responding to a car versus pedestrians at a roadside fruit and vegetable stand. Analyzed results and feedback from actors, evaluators and receiving emergency departments. Provided final recommendations.

EMS Olympics Simulated MCI Scenario, Prince Sultan College of EMS; Riyadh, Saudi Arabia 05/2013  
Principal Organizer | Created a multi-causality incident training scenario of an explosion in a building with 8 injured patients for paramedic students. Incorporated both actors and high fidelity manikins. Performed all planning tasks. Created evaluation forms, procured equipment and organized evaluators and assistants. Conducted debriefing session.

## COMMUNITY SERVICE

Crescent Volunteer Fire and Rescue Department; Crescent, IA 07/2005 to 10/2012  
*Firefighter EMT* | 07/2005 to 10/2012 | Responded to emergency fire, rescue requests and mutual aid requests in a suburban, community and rural setting that covered high traffic rail lines, interstates and highways. Yearly average of requests for the department was 300 and was the top responder during most the time served.

*Assistant Rescue Captain* | 07/2009 to 07/2011 | Served on the officer board and responsible for patient billing, quality assurance of care rendered and training for 30 personnel. Significantly increased department revenue and cash flow by developing an efficient system that decreased collection time. Expanded and developed EMS capabilities to include equipment being placed on fire apparatuses. Coordinated with department Chief and Rescue Captain to maintain the response and transport readiness of two ambulances.

## MEDIA CORRESPONDENCE

Kaarre, Jourdyn. "Creighton University, Saudi university forge EMS partnership". Omaha World-Hearld [Omaha, NE] 14 July 2014.

## ACTIVE LICENSURE AND CERTIFICATION

American Heart Association: BLS, ACLS, and PALS Instructor 07/2016  
Fire Fighter 1, Nationally Certified, Iowa Fire Service Training Bureau 06/2008  
Paramedic, National Registry of Emergency Medical Technicians P8021876  
Paramedic, Critical Care Endorsement, State of Iowa Dept. Public Health PS-99-507-96  
Paramedic, State of Nebraska Dept. Health and Human Services 3359  
Prehospital Trauma Life Support, NAEMT, Instructor 06/2014

## ACTIVE PROFESSIONAL MEMBERSHIPS

The Society for Simulation in Healthcare 11/2014 to Present

### **PROFESSIONAL DEVELOPMENT WORKSHOPS**

Community Oriented and Community Based Medical Education, King Saud University	12/2013
CoAEMSP Accreditation Workshop, hosted by Prince Sultan College for EMS	05/2013
Clinical Skills Development Metrics, Standards, Validation, High Stakes Testing and Certification, King Saud University	05/2013
How to Write NCAAA Course Specifications and Course Reports, King Saud University	04/2013
Stanford Emergency Medicine International Faculty Development Program, hosted by Prince Sultan College for EMS	12/2012
World Health Organization Management, Leadership: Leading Change in Health Professions, hosted by King Saud University	12/2012
Using Simulation for Teaching and Assessment, Clinical Skills and Curriculum Development, King Abdul-Aziz University Hospital	10/2012
Essential Skills for Clinical Simulation Instructor, King Abdul-Aziz University Hospital	04/2012
Workplace Based Assessment – Tools for Clinical Teaching and Assessment, King Saud University	02/2012
Multiple Choice Questions – Hands on Training, King Saud University	12/2011
Curriculum and Intended Learning Outcomes, King Saud University	12/2011
Curriculum Design and Academic Development in a Digital Age, King Saud University	12/2011
Summer Institute for Teaching Excellence in Health Sciences, Creighton University	07/2011

### **TECHNICAL TRAINING**

EMS Instructor, Creighton University	06/2011
ICS-800 National Response Framework, Dept. Homeland Security	10/2009
Confined Space Entry Course, Iowa Fire Service Training Bureau	09/2009
Hazardous Materials Operations Course	06/2008
Critical Care Paramedic Course, Creighton University	05/2008
ICS-200 Single Resources and Initial Action Incidents, Dept. Homeland Security	06/2006
ICS-100 Introduction to the Incident Command System, Dept. Homeland Security	06/2006
ICS-700 National Incident Management System, Dept. Homeland Security	09/2005