

# JASON F. CRAIG, CHSE

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## **Education & Certification**

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West Virginia University, Morgantown, WV

*Master of Business Administration, Area of Emphasis in Business Data Analytics Area of Emphasis*

**Expected Graduation Date - August 2020**

West Virginia University, Morgantown, WV

*Regents Bachelor of Arts*

Pennsylvania State University, Fayette Campus, Connellsville, PA

*Paramedic Certification, June 2000*

Society for Simulation in Healthcare

*Certified Healthcare Simulation Educator – Cert #161128 - Expires June 2, 2019*

Pennsylvania Department of Health

*Paramedic – Cert #119913 – Expires October 1, 2019*

West Virginia Department of Health and Human Services

*Paramedic – Cert #WV078374 – Expires March 31, 2018*

West Virginia Department of Health and Human Services

*EMS Instructor – Cert #00581 – Expires March 31, 2018*

## **Employment Experience**

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*WVSTEPS Simulation Center (November 2011 – present)*

*Health Sciences Center, West Virginia University*

**Simulation Specialist (Program Manager)**

- Assisting, developing and conducting all aspects of medical education for students and faculty of the West Virginia University Schools of Medicine, Nursing, and Pharmacy, as well as employees of West Virginia University Hospitals.
- Plan, coordinate, and teach varied educational courses including, but not limited to; airway, pharmacology, physiology, and simulation.
- Designs ideas to improve the technology and development of the Center, develops strategies to enhance programs and services.
- Collaborates with management and faculty in the design, development, implementation and evaluation of new courses, scenarios, and simulation tools.
- Assists instructors to develop and establish goals and objectives and to implement educational programs
- Provide faculty with instructional tools and technical support to carry out simulator sessions, including setting up simulator and room, preparing educational materials for the course, and collecting feedback.
- Assist students in the utilization of simulation equipment
- Maintain, operate, and troubleshoot all aspects of simulators, task trainers, computers and software.

*Greene County Department of Emergency Services (April 2004 – November 2011)*

*County of Greene, Pennsylvania*

**Operations and Training Officer (2010-2011)**

- Function in Command and General Staff roles during disasters and exercises.
- Maintain and troubleshoot radio phone and computer components of 911 Center.
- Take active role in Region 13 Task Force Communications, Training, and Equipment Committees. Function in a responder or EOC capacity during all incidents requiring a region response, specifically in the communications support role.
- Participate in the development, upkeep, and revision of both county and region plans.
- Maintain/run EOC and 911 Center in the absence of the EMA Director/911 Coordinator.
- Act as liaison between local public safety agencies and state/federal agencies during disasters and exercises.
- Coordinate resources and logistic needs during incidents.
- Assist the EMA Director with all tasks during emergent and non-emergent situations.
- Assist with personnel issues and telecommunicator payroll in the absence of the 911 Coordinator.
- Act as systems administrator for various types of 911/EMA software components, including but not limited to; CAD system, Knowledge Center, Dialogics Communicator, EM Net Computer System, & PA StarNet.
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**Task Force Assistant (2006-2010)**

- Function in Command and General Staff roles during disasters and exercises.
- Maintain and troubleshoot radio phone and computer components of 911 Center.
- Take active role in Region 13 Task Force Communications, Training, and Equipment Committees. Function in a responder or EOC capacity during all incidents requiring a region response, specifically in the communications support role.
- Participate in the development, upkeep, and revision of both county and region plans.
- Maintain/run EOC and 911 Center in the absence of the EMA Director/911 Coordinator.
- Act as liaison between public safety agencies and state/federal agencies during disasters and exercises.
- Coordinate resources and logistic needs during incidents.
- Assist the EMA Director with all tasks during emergent and non-emergent situations.
- Assist with personnel issues and telecommunicator payroll in the absence of the 911 Coordinator.
- Act as systems administrator for various types of 911/EMA software components, including but not limited to; CAD system, Knowledge Center, Dialogics Communicator, & EM Net Computer System.

**Telecommunications Officer (2004 - 2006)**

- Receive telephone calls from the public concerning emergency and non-emergency situations relating to law enforcement, medical, fire, disasters and other related incidents.
- Record pertinent information and transmit same to agencies and individuals. Maintain records and reports of activities. Make referrals to other public service agencies when appropriate.
- Provide pre-arrival instructions to caller, utilizing established protocol and procedure
- Monitor and operate telephones, radios, alarm panels, video monitors, tape recorders, computers and all other equipment located within or controlled by the EMA/911 facility.
- Assists EMA/911 during times of natural or man-made disasters that occur in or could affect the population of the County.

*Butler County Community College, Butler, PA*

State Fire Academy Non-Suppression Instructor (2008 - 2011)

- Delivery of educational materials as developed by the Pennsylvania State Fire Academy in accordance to their prescribed syllabus and minimum standard of accreditation.
- Responsible for ensuring student comprehension and successful performance of affective, cognitive, and psychomotor objectives.
- Development and delivery of course materials for courses not fully developed by the Fire Academy.
- Submitting student registration forms, attendance rosters, and test answer sheets to training agency.
- Maintain current knowledge of all laws, standards, and best-practices related to course.

*Westmoreland County Community College, Youngwood, PA & Waynesburg, PA*

Emergency Medical Services Instructor (2007-2011)

- Delivery of educational materials as approved by the Pennsylvania Department of Health in accordance with their prescribed curriculum, syllabus, and minimum standard of accreditation.
- Responsible for ensuring student comprehension and successful performance of affective, cognitive, and psychomotor objectives.
- Submitting student registration forms, attendance rosters, and answer sheets to training agency.
- Maintain current knowledge of all laws, standards, and best-practices related to course
- Ensure that students are prepared for state written and practical exams, as well as successfully function in the field.

*EMS Southwest, Inc., Waynesburg, PA*

Paramedic (2001 - 2009)

*Brownsville Ambulance Service, Inc., Brownsville, PA*

Paramedic (1999-2001)

- Responsible for all aspects of basic and advanced patient care during emergent and non-emergent incidents as prescribed by the PA Department of Health and local Medical Command Physician.
- Responsible for legal documentation of all aspects of the incident in accordance with state law.
- Responsible for minor maintenance and general upkeep of apparatus, equipment, and station.
- Responsible for the overall management of incidents as acting Incident Commander.

## **Teaching Experience**

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### American Heart Association Courses

Schools of Medicine, Nursing, & Pharmacy WVU HSC, WVU Healthcare, Shirley M. Kimble Training Center (2011-Present)

- Heartsaver CPR
- Heartsaver First Aid
- Basic Life Support for Healthcare Providers
- Pediatric Advanced Life Support
- Advanced Cardiovascular Life Support
- Advanced Cardiovascular Life Support for Experienced Providers
- Advanced Cardiovascular Life Support Instructor Trainer
- Advanced Cardiovascular Life Support for Experienced Providers Instructor Trainer
- Pediatric Advanced Life Support Instructor Trainer

### Educational Workshops and Scenarios

#### WVU School of Medicine (2011 – Present)

- Problem-Based Learning Medical Scenario with Teaching Points – 1<sup>st</sup> year Medical Students
- Problem-Based Learning Trauma Scenario with Teaching Points – 1<sup>st</sup> year Medical Students
- Human Function – Hemodynamic Lab with Teaching Points – 1<sup>st</sup> year Medical Students during Human Function Course
- Human Function – Respiratory Workshop with Guided Lecture – 1<sup>st</sup> year Medical Students during Human Function Course
- Post-Operative Care Scenario with Teaching Points – 3<sup>rd</sup> Year Medical Students on General Surgery Rotation
- IV Workshop – 3<sup>rd</sup> year Medical Students during Internal Medicine Rotation
- Basic Airway Course - 4<sup>th</sup> year Medical Students on Anesthesia Rotation
- Advanced Cardiovascular Life Support Review Workshop – 4<sup>th</sup> Year Medical Students on Anesthesia Rotation
- Airway Workshop – Emergency Medicine Interest Group
- GME Advanced Cardiovascular Life Support Review Workshop – Internal Medicine Residents
- GME Pediatric Advanced Life Support Review Workshop – Pediatrics Residents
- GME Difficult Airway Course – Pulmonology Fellows
- GME Anaphylaxis Scenario with Teaching Points – Radiology Residents
- GME Advanced Cardiovascular Life Support Review Workshop – Transitional Year Residents
- IV Workshop – Jazan Medical School (Foreign, Non-English Speaking)

#### WVU School of Pharmacy (2011 – Present)

- CPR and Acute Coronary Syndrome Review Workshop
- Critical Care Simulation Elective – 3 Sessions

#### WVU Healthcare (2011 – Present)

- Emergency Medical Services Orientation – Pediatric Transport Team Candidates – EMS-ARN Course
- Basic and Difficult Airway Course – Healthnet Staff
- Quarterly Skills Evaluation for Airway – Healthnet Staff
- Curriculum Development for ICU Nurse Orientation Workshops, for Neurological ICU, Surgical ICU, Medical ICU, and Cardiovascular ICU. Workshop includes Cardiovascular and Respiratory Human Function Laboratories with an included Ventilator Workshop, Arterial Blood Gas Workshop, Basic EKG Dysrhythmia Interpretation, 12-Lead ECG Interpretation, and Electrical Safety Workshop.

### Other Presentations

- Craig, J., Summers, D., “Maximizing Return on Investment of High-Cost Simulation Activities”, presented at the International Meeting on Simulation in Healthcare (IMSH 2018); Los Angeles, CA January 17, 2018

### Emergency Medical Services Courses (2007 – 2011)

- Emergency First Responder Course  
60 hour initial certification course
- Emergency Medical Technician Course  
144 hour initial certification course
- CPAP Rollout Course  
4 hour initial education on use of CPAP to treat respiratory distress
- Epi-Pen Rollout Course  
4 hour initial education on use of Epi-Pen by EMT's to treat anaphylaxis

- Annual Protocol Update  
4 hour course to orient EMT's and First Responders to changes in Protocols and Scopes of Practice
- Lifting and Moving Patients  
4 hour course to train personnel on proper techniques for lifting and moving patients

#### Pennsylvania State Fire Academy Courses (2008 – 2011)

- Incident Command System Orientation  
9 hour course introducing the five functions of the Incident Command System (ICS), the command staff functions, organizational structure of the ICS, common terminology used in the ICS, responsibilities of emergency responders, and the facilities used in the ICS.
- National Incident Management System – An Introduction  
8 hour course introduces the student to the National Incident Management System (NIMS); the need for NIMS, what NIMS is, and NIMS compliance.
- NIMS Incident Command System for the Fire Service  
9 hour course providing instruction in the command skills necessary to effectively use, deploy, implement, and/or function within a departmental Incident Command System.
- Carbon Monoxide Detector Responses  
3 hour course prepares students to effectively and safely respond to carbon monoxide detector activations.
- Blood-borne Pathogen and Infectious Disease Awareness  
4.5 hour course providing basic information on diseases and routes of exposure as well as precautions needed to minimize or eliminate risk and meet regulatory requirements.
- Employee Safety and Extinguisher Training  
3 hour course provides the employee with information concerning safety in the workplace and provides the student with hands-on training in the use of portable fire extinguishers.
- Building Construction: Wood and Ordinary  
16 hour course provides the student with information on how the construction type, alterations, design and materials influence a building's reaction to fire.
- Building Construction: Non-combustible and Fire Resistive  
16 hour course is designed to improve the student's ability to assess building stability by discussing different types and styles of construction and materials used.

#### **Professional Affiliations**

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- Society for Simulation in Healthcare Member (2011 – Present)
- SimGHOSTS Member (2014-Present)
- Greene County Firefighter's Association (1997-Present)
- Southwestern Pennsylvania Chief's and Assistant Chief's Association (1997-Present)
- Board Member, Emergency Medical Services Institute (2006-2011)
- Regional Faculty Member, American Heart Association (2008-2012)

#### **Additional Qualifications**

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- Over 2,000 hours of training in Emergency Management, 911 Communications, Incident Command, Fire, EMS, and Homeland Security.
- Pro-Board Certification as a Firefighter I, Firefighter II, Fire Service Instructor I, and Hazardous Materials First Responder at the Awareness Level.
- Pennsylvania Department of Health Certification as an EMT-Paramedic, EMS Instructor, and Basic Vehicle Rescue Technician.

- Nationally Certified as a Type III Communications Unit Leader.
- Hold all state required certifications as an APCO Certified Telecommunicator (Fire/Police/EMS/Emergency Management Dispatcher & Supervisor)
- Hold highest available Amateur Radio License offered. Currently serving as RACES Officer for Greene County (Radio Amateur Civil Emergency Services)
- Vast experience in both technical and operational aspects of both 911 Center operations as well as field and EOC operations during public safety incidents.
- Experience in handling personnel matters and payroll in the absence of the EMA Director and 911 Coordinator.
- Have successfully applied for and received over \$500,000 in state and federal grants for public safety.