

Dr. David Lewis Bush, US Army (RET)  
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[www.linkedin.com/in/dr-david-bush-d-b-a-736a1925](http://www.linkedin.com/in/dr-david-bush-d-b-a-736a1925)  
**EDUCATION**

**Job seeking Goal - Business and Data Scientist Professional - Educator**

**Post-Doctoral Studies**

*St. Mary's University School of Law, San Antonio, TX* **Projected Graduation TBD**  
**Compliance, Business Law & Risk Certificate Program**

*Northcentral University, Scottsdale, AZ* **May 2022**  
**Master of Science in Technology and Innovation Management**  
Specialization: **Data Science**

**Doctoral Studies** **Graduated** **May 2017**

*The University of the Incarnate Word, San Antonio, TX*  
**Doctor of Business Administration, D.B.A.**

**Publication Title:**

*Women Veterans: Transitions*

**June 2017**

International Conference

The Future of Education 7th edition" published by LibreriaUniversitaria

**Conference Presentations:**

*Transitioning to Civilian Life: Trials and Tribulations Faced by Military Veterans* **2016**  
The 19th Annual American Association of Behavioral and Social Sciences  
(AABSS) Conference

*The Struggles of a Learning-Disabled Student:*

**2018**

*Abilities Do Not Dictate Capabilities*

The 55th Annual International Conference

The Learning Disabilities Association of America

*Wayland Baptist University, San Antonio, TX*

**Master of Business Administration, MBA**

**February 2014**

Concentration Area:

Healthcare Administration, (HA)

*Webster University, San Antonio, TX*

**Master of Arts, MA**

**August 2004**

Concentration Area: Management

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*Wayland Baptist University, San Antonio, TX*

**Bachelor of Science in Occupational Education**

**November 2002**

Concentration Area: Healthcare Services

Emergency Medical Technology - Basic

Minor: Business Studies

*Central Texas College, Ft. Hood, Texas*

**Associates of Art**

Concentration Area: General Studies

**December 1999**

### **LICENSE AND CERTIFICATIONS**

*University of South Florida, Tampa, FL*

**Diversity, Equity, and Inclusion in the Workplace Certificate**

**2021**

**Post-Crisis Hospitality Management Certificate**

**2021**

**Emerging Trends in Global Services and Retail Management Certificate**

**2021**

SysAdmin, Audit, Network and Security (SANS)

**2021**

**Membership ID: 23732430**

American Medical Technologists, Certified Registered Medical Assistant (RMA)

***License Number 93604***

***2023***

Registered Medical Assistants perform many varied tasks during a normal working day. While these duties vary greatly from one office to another, many Registered Medical Assistants handle both the clinical and administrative duties of a practice and work under the supervision of a physician or office manager. In very large practices, the assistant may specialize in one area and work under the direction of a department manager.

SHRM Foundation - Veterans at Work Certificate

***License Number 01957905***

***2021***

Association for Computing Machinery,(ACM)

***Membership Number :0538519***

***2021***

***Vice President***

### **PRESENTATION**

Praise Cathedral Church of GOD in Christ - (COGIC)

**2019**

100 Men in Black Program with Seminar

Biblical Principles of Stewardship

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## PROFESSIONAL EXPERIENCE

*Northcentral University, San Antonio, Tx*  
**Student (Part-time)** **Jan 2019 to Oct 2021**

### **Master of Science in Technology and Innovation Management (MSTIM) Data Science, (DS)**

Completed the Master of Science in Technology Innovation Management (MSTIM) with a Specialization in Data Science, (DS). Applying Technological Innovations to take advantage of new technologies. The MS in Technology and Innovation Management with a Specialization in Data Science, (MSTIM), (DS) prepares professionals to be champions of positive change through new ideas and new technologies.

- Determine a situation's potential for technology-based improvement.
- Communicate concepts and arguments associated with technology and innovation.
- Manage legal, ethical, and security risks in technology-based systems.
- Evaluate the scope and impact of emerging technologies on a local and global scale.
- Design technology-based solutions to practical problems.

### **Concentration: Data Science Specialization, (DS)**

Gathering and maintaining data is just one piece of effective use of data. The Data Science specialization prepares students to start processing the mountains of data that organizations produce and turn them into usable information.

Data science graduates will be prepared with statistical and modeling tools that will enable them to help their organizations use data most effectively to serve their stakeholders' interests.

**Independent Business and Educational Consultant and Achievement Motivator.**  
**Business owner - Self-Employed** **Aug 2017 to Present**

*BUSH & BUSH ENTERPRISE* provides consultation services to individuals, small and medium-sized companies. Our services include with management by in; business process reengineering, employee focus problem solving and organizational culture changes to improve efficiency and reduce overhead cost, by focusing on the people side of your business.

- Assisting three (3) PhD students with 1 student graduating and 1 student enter final stage of program and 1 student in acceptance process

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**United States Census Bureau, San Antonio, Tx**  
Enumerator-(Census Taker)

**Dec 2019 to Aug 2020**

Enumerators, also known as census takers, conduct research on behalf of the U.S. Census Bureau. They collect household and demographic information by canvassing their assigned areas. Enumerators must appropriately document and report the results they find. The U.S. Census Bureau conducts surveys about the U.S. population, economy, governments, and communities. Depending on the type of census, it may be completed every five or ten years. Some surveys are conducted annually. Enumerators typically work for the population and housing census, which occurs every ten years.

**Job Duties**

Enumerators complete their research in specific areas. They typically begin by reviewing their assigned field and preparing an efficient route. Once a route is planned, census takers travel to designated households and conduct interviews with residents. They must identify themselves and help individuals complete a census form. They may need to assist residents by reading forms and answering questions about the census.

Census takers are also responsible for verifying household addresses and ensuring that all maps and address lists are correct. They correct any discrepancies they encounter in existing census data. For example, they may be sent to a unit that is vacant or no longer considered a household. Enumerators must also leave a notice of their visit at households that are occupied but vacant at the time of their visit. All collected census information, as well as documentation of hours, miles, and expenses encountered by the census taker, are reported to a U.S. Census Bureau crew leader.

*American International Institute of Graduate Studies (AIIGS), San Antonio, TX*

**Adjunct Professor, Business Department**

**Aug 2010 – Dec 2019**

Provided educational mentorship to international graduate and undergraduate students in business and research courses. Taught practical tasks of performing administrative and clinical duties within a business environment. Evaluate student's progress in attaining goals, objectives, and state certifications. Demonstrates appropriate testing and grading of cognitive exams and practical skills, including proper maintenance of grade books and any other appropriate record keeping requirements. Monitor's student use of supplies, materials, and equipment. Advises and counsels students and maintains appropriate advisement records on each student. Ensures safety and security requirements are met in the training area.

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*Western Governors University, San Antonio, Tx*

**June 2019 to Sept 2019**

**Certification Management Services, (CMS)**

*Subject Matter Experts for Business Core Exams*

*As a Subject Matter Expert (SME) for Certification Management Services (CMS), I served as an independent contractor required to meet the following expectations:*

***Item Writing***

- *Communicating with the project manager*
- *Creating unique and original items*
- *Meeting item writing deadlines*
- *Addressing Action Items in 2-3 days*

***Technical Reviewer Sessions***

- *Being punctual and staying for the entire session*
- *Participating in the group effort; Making individual contributions for each item*
- *Staying engaged and not leaving the session, Being considerate of other's opinions;*
- *Following the directions of the moderator*

***Projects:***

*Best Practices in Management exams*

*Fundamentals for Success in Business exams.*

*The University of the Incarnate Word, San Antonio, TX*

**Small Interactive Group Sessions (SIGS) Facilitator**

**Aug 2018 to Sept 2019**

Small-Group Interactive Sessions (SIGS) are a cornerstone of the first two years of the University of the Incarnate Word School of Osteopathic Medicine (UIWSOM) Doctor of Osteopathic Medicine (DO) curriculum. During the first two phases, learners meet weekly in small groups of eight (8) or nine (9) along with a faculty facilitator.

On a typical week, each Monday learners are given two patient-centered cases related to the theme of the week from which they collaboratively compose session objectives (SO) related to the learning outcomes (LO) of each case. On Wednesday and Friday learners report out within their small groups through learner-facilitated group learning activities. Faculty facilitators guide and evaluate the learning process and professionalism.

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*Department of Army, AMEDD C&S, San Antonio, TX*

**Training Specialist, (GS-12)  
Basic Healthcare Administration Course**

**Jun 2017- Sept 2018**

The Training Instructor/Administrator/Specialist, GS-1712, is a subject matter expert in the content of the material included in training and education products and presented to students or provided to support unit training. They are experts in the application of the Analysis, Design, Development, Implementation, and Evaluation (ADDIE) process. This expertise is the result of their field experience, subject matter expertise, instructor training, and practical experience. The GS-1712 presents instruction by the application of various instructional strategies, to include but not limited to, Blackboard Learning Deliver Framework, large and small group instruction using Video Tele-training, and computer-assisted, Web-based, and Web-managed instruction. A part of their responsibility is to facilitate learning, counsel students, mentor learners, assist in development and proctoring of student performance tests. Additionally, they respond to content inquiries from distributed learning students (e.g., IMI) and oversee student progress.

*University of the Incarnate Word, San Antonio, TX*

**Doctoral Student (Full-time)**

**April 2013- May 2017**

Studied as a full-time Doctoral student, performing research for the preparation and completion of my Doctoral publication. Developed innovative principles and practices in business operations and management. Conducted original and applied research for solving problems, making decisions, and communicating results. Applied technology such as SPSS, S.A.S, Mini-Tab and Blackboard Learning efficiently and effectively to achieve organizational and professional goals. Employ ethical leadership to solve domestic and global social issues, and communicate appropriately in diverse environments by aligning audience, medium, and message

*Publication Title: Women Veterans: Transitions.*

*Defense Logistics Agency (DLA), Fort Sam Houston, TX*

**Management Assistant (OA) (GS-5) – (Temp)**

**May 2015 & May 2016**

Provide direct management support and day-to-day calendar events for the Director (GS-15) and Deputy Director (GS-14) of Disposition Services, Defense Logistics Agency, Mid-America region. Provided substantive technical support to management and/or program analysts, by producing assessment matrices and practice management of each external administrative logistical support site.

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*National American University (NAU) Ft. Sam Houston, TX*

**Director of Military Partnerships/Adjunct Medical Professor**

**April 2013 – May 2015**

Developed solid partnerships with military communities to establish and open an educational center in San Antonio with a strong military-student presence; attended and facilitated 10+ career-hiring events. Applied knowledge of database management to enhance the health informatics, design and challenges of informatics infrastructure, and current issues. Taught all topics to include HIPAA and other legislation, application of electronic health records, and other clinical and administrative applications of health information systems, with the application of the Blackboard Learning Deliver Framework.

*Wayland Baptist University, Fort Sam Houston, TX*

**Site Coordinator/Academic Advisor/Adjunct Professor**

**Jan 2011 – Dec 2013**

Coordinated and supervised the activities of six employees; collaborated with external public agency financial and advisory support centers to build fundraising support relationships and memberships – increased benefactor donations by 20%.

*Wayland Baptist University, Fort Sam Houston, TX*

**Adjunct medical and Business Professor**

**Jan 2012 – Dec 2013**

Provide in-class instruction/lecture and hands-on training as required by course content in two and four-hour sessions every five weeks. Prepare for classroom lecture and hands-on training activities daily. Attend required in-service, or company meetings annually. Maintain confidentiality of all work information.

*Hallmark University (aka Hallmark College), San Antonio, TX*

**Program Chair, Medical Instructor, School of Allied Health**

**Dec 2009 – Dec 2010**

Directed and managed all program-related functions to ensure effective delivery of curriculum and to promote student/faculty success. Served as the primary contact for students and faculty by maintaining a high level of visibility and actively soliciting input to promote positive learning environments. Applied the essential principles and techniques of quality improvement to patient care and the management of services in healthcare organizations. Applied the Blackboard Learning Deliver Framework enhancing the importance of quality management for the leadership of organizations. Emphasized the concept of budget controls and dollars saved for the healthcare organization. Topics include fundamentals of quality management, system thinking and goal setting, improvement theories, data collection, statistical tools, medical errors and reporting, public perceptions, and organizational accountability.

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*United States Army*

**Medic Instructor/ Writer (91W)**

**Aug 2000 Oct 2004**

The primary Training Instructor monitors assignments and provides overall objectives, priorities, and deadlines. The employee independently executes the instruction and handles problems and deviations in the work assignments independently. Employee informs the primary Training Instructor of potentially controversial issues or problems. Completed work is reviewed for technical soundness, appropriateness, conformity to policy and guidelines.

Uses knowledge of the principles, methods, and techniques of instruction and a fundamental knowledge of EMT techniques. Performs simulation training for procedures such as shock management, Airway, Advanced Airway, basic medication, cardiopulmonary pulmonary resuscitation, and management of bleeding in accordance with current treatment strategies. Selects, requisitions, and organizes training aids. Also assists with the training of life-saving programs such as BLS, ACLS, PHTLS, ATLS, PALS.

**MILITARY SERVICE**

*United States Army – Sergeant First Class (SFC) US Army (Ret) – Bronze Star Recipient  
1990 – 2009*

**Senior Medical Advisor and Combat Medic (91W)**

Supervised field and clinical medical facilities and assisted with technical and administrative management of medical treatment facilities under the supervision of physician, nurse, or physician's assistant. Administered emergency and routine outpatient medical treatment to battle and non-battle casualties; assists with outpatient care and treatment. Administered emergency treatment in the field; assists with outpatient and inpatient care, maintained health records and clinical files. Assisted with nursing care of patients including medical examinations, took and recorded temperature, pulse, respiration, and blood pressure, applied and removed surgical, wound, or skin dressings. Collected and prepared specimens for analysis and assisted in clinic and dispensary; performed routine admission tests. Administered immunizations, assisted with treatment of patients with common diseases, provided emergency medical care, surveys, and sorts casualties. Determined requirements for and administered emergency treatment, assisted with triage of mass casualties, performed duties related to emergency care. Administered emergency and routine medical treatment to casualties, including minor surgery and IV fluid administration.

Assisted with outpatient care and supervised outpatient facilities under the supervision of a physician, nurse, or physician's assistant. Established priorities for medical emergency care stabilized patients and accompany them to medical facilities and provide guidance and supervision to subordinates. Supervised activities in dispensaries, large clinics, and field medical services; coordinates activities of clinic with medical treatment facility. Supervised ordering of supplies and determined personnel requirements. Conducted training programs as dictated by the organizational strategic plan. Supervised paraprofessional medical service activities in large fixed and mobile

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treatment facilities. Coordinated the activities of wards, clinics, and combined medical care facilities and maintained intelligence information and records.

## TEACHING EXPERIENCE

University of the Incarnate Words' School of Osteopathic Medicine (UIWSOM)  
Doctor of Osteopathic Medicine (DO), Small Interactive Group Sessions (SIGS), Facilitator  
Wayland Baptist University, Adjunct medical and Business Professor  
Hallmark University (aka Hallmark College), School of Allied Health, Medical Professor  
National American University (NAU) Adjunct Medical and Business Professor  
Basic Healthcare Administration Course, (BHAC)  
Medical Command Captains' Career Course, MC CCC  
Captain Career Course, (CCC), Nonmedical  
Noncommissioned Officer Advanced Leadership course, NCOA, ALC  
Assist Instructor Training, (AI Training) for Basic Healthcare Administration Course  
Emergency Medical Technician (EMT) Instructor and Clinical Coordinator  
U.S. Army Medical Center and School Fort Sam Houston, Joint Base San Antonio, Texas.

## Continual Educational Courses

**University of South Florida, Tampa, FL**

**Diversity, Equity, and Inclusion in the Workplace Certificate** 2021

Blackboard Advanced 210 Exemplary Course Design DL (Developing Course Content) 2018

**The Exemplary Course Program - The Exemplary Course Program began in** 2018

with the goal of identifying and disseminating best practices for designing high quality courses. The core of the program is the Exemplary Course Rubric, which defines key characteristics of high-quality courses within the framework of Course Design, Interaction and Collaboration, Assessment, and Learner Support. The Rubric is offered under a Creative Commons license, and we encourage you to reuse and remix it as part of your own discussions on quality course design.

**2019 Exemplary Course Award Program and a commitment to excellence in online education.**

**Common Faculty Development – Instructor Course (081-9E-SI5K/920-SQI8)** 2017

Blackboard Basic 110 Course Design DL 2017

Microsoft Digital Literacy – Computer Basics 2018

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**Computer Language**

Google Developer - Basic  
MySQL Workbench – Basic  
R - Programming Language – Basic  
SPSS software suite – Basic  
SAS software suite – Basic

### **Webinar Section**

- 1. AWS Get Certified - Solutions Architect – Associate** **2022**  
Date: Feb 21, 2022 - Start Time 9:00 AM - 12:00 PM CST  
Duration: 90 minutes

#### **Abstract:**

Feel confident identifying the AWS services that meet a given technical requirement. Earn an industry-recognized credential from AWS that validates you have the skills to design and implement distributed systems on AWS. The AWS Certified Solutions Architect – Associate highlights your ability to design resilient, high-performing, secure, and cost-optimized architectures.

- 2. Visual Analytics Design - for Perception and Inference** **2021**  
Date: 08/24/2021 - Start Time: 9:00 AM ET / 12:00 PM ET  
Duration: 60 minutes

#### **Abstract:**

In this latest Data Science Central webinar, Dr. Spotfire Representative Neil Kanungo is joined by TIBCO Chief Analytics Officer Michael O’Connell for a discussion on visual design best practices and the science behind visual perception. They discuss the importance of accuracy and cognitive speed in human perception, and how to design visual applications to avoid subjective bias and illusion.

You will come away with a greater understanding of visual analytics communication and tips to improve your own work. Michael will draw from his extensive work in this area and his book on visual analytics best practices, “A Picture is Worth a Thousand Tables.” Follow along using the TIBCO Spotfire® visual data science application at <https://www.tibco.com/covid19> and read this blog post for context <https://community.tibco.com/blog>.

#### **Speakers:**

Michael O’Connell, Chief Analytics Officer - TIBCO  
Neil Kanungo, Data Scientist - TIBCO

#### **Hosted by:**

Sean Welch, Host and Producer - **Data Science Central**

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3. **Title:** Wrangle the Data Abyss: Build, Test, & Deliver

**Date:** 8/19/2021 - **Time:** 9:00 AM PDT

**Duration:** 60 Minutes

#### **Overview:**

The hardest part of being an analyst isn't building the dashboard, it is getting the data in a state where you can gain insights. Data is always messy, in many different places, and often different platforms making the back end work take up the majority of the time to create a dashboard. We will dive deep to uncover the nuanced process of building a dataset and dashboard that will be fully utilized! In this latest Data Science Central webinar, you will learn how to efficiently build, test and deliver a thoughtful analysis.

#### **Speaker:**

**Lauren Alexander**, Senior Marketing Analyst - **Tableau**

#### **Hosted by:**

**Sean Welch**, Host and Producer - **Data Science Central**

- |                                                                                                         |      |
|---------------------------------------------------------------------------------------------------------|------|
| 4. <b>Behind the Innovation. AWS is How.</b> " speaker VergeSense and Genentech.                        | 2021 |
| 5. <b>Programming in R</b> , The Joy of Functional Programming (for Data Science)                       | 2019 |
| 6. <b>SAS - Data Management and Real-Time Customer Experience:</b><br>Blood Brothers or Mortal Enemies? | 2019 |

#### **Committees**

Texas State Society of American Medical Technologists, Audit Committee Member 2018

#### **Panelist**

Member of Respond US Panel 2018

#### **Memberships**

SysAdmin, Audit, Network and Security (SANS) ID: 23732430	2022
Association for Computing Machinery, (ACM)- No:0538519	2022
The Foundation for Critical Thinking	2019
University of the Incarnate Word, Alumni Association, member	2017
Fulbright Association, Member, San Antonio, Texas Chapter	2016
American Statisticians Association, Affiliate	2012
Webster University Alumni Association, member	2003
Wayland Baptist Alumni Association, member	2002
American Medical Technologist, member	1995