Miranda Jo Creighton Davenport

Education:

Doctor of Philosophy in Geospatial Information Sciences *In Progress*
University of Texas at Dallas Richardson, Texas

> *Related course work:* advanced remote sensing, advanced statistical data analysis, pattern analysis and machine learning using R software; web-based GIS using ESRI ArcGIS Online and Java programming; GPS surveying techniques; 3D data capture; ground LiDAR acquisition and processing
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> *Related Projects:* sUAV Photogrammetry for Terrain Analysis; Historical Travel Spots Application
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> *Dissertation Topic:* Geospatial Analysis of Cemetery Databases and Regional Examination of Texas Cemeteries with Deep Mapping Analysis

Master's of Science in Geospatial Information Sciences *Received: Fall 2015*
University of Texas at Dallas Richardson, Texas
Thesis: *Binary Logistic Regression for Mayan Archaeological Site Prediction*

> *Related course work:* training in statistical data analysis using R software; remote sensing; python, SQL, and VB.NET programming; hotspot, kernel density, and chloropleth mapping as well as neighborhood/zonal analysis; remote sensing and LiDAR; geocoding; model builder; and advanced techniques for their applications to GIS
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> *Related projects:* Dennis Rader's Spatial Decisions and the Path to Serial Murder; A Space and Travel Pattern Analysis of "Jack the Ripper"

Bachelor of Liberal Arts cum laude, Anthropology *Received: Fall 2013*
Certificate, Geographical Information Systems
Minor, Geology
University of Texas at Arlington Arlington, Texas

> *Related course work:* training in human osteology, zooarchaeology, forensic cut mark analysis, cultural anthropology, linguistics, archaeology, recovery and examination of human remains in an archaeological context, ArcGIS, and remote sensing
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> *Related projects:* A Historical Analysis of Camp Bowie during World War I; The Ideological Significance of Mayan Caves and an Examination of Cave Sites featuring Human Osteological

Remains; The History and Interpretation of Sueno's Stone in Forres, Moray; The Events Regarding the Whig's Vault Covenanters of Dunnottar Castle

Associate in Applied Sciences, Licensed Paramedic   *Received: May 2005*
Hill College   Cleburne, Texas

> ***Related course work:*** knowledge of biological sciences, use of medical terminology, clinical treatment of patients, charting and report writing, training for the response and treatment of medical care in adverse, unstable, and rapidly changing conditions

Publications

2018   Camp Bowie 1917-1919. Map in From Cowboys to Doughboys. *In U.S.: A Narrative History Special Texas Edition, Vol II*, James West Davidson, Brian Delay, Christine Heyman. McGraw Hill Publishers, 8th edition.

2018   1917-1920 U.S. Army Airfields Fort Worth, Texas. Map in From Cowboys to Doughboys. In *U.S.: A Narrative History Special Texas Edition, Vol II*, James West Davidson, Brian Delay, Christine Heyman. McGraw Hill Publishers, 8th edition.

Awards:

2020 – Finding Little Egypt Project:

- 2018-2019 Innovation of the Year – Dallas County Community College
- 2019-2020 Innovation of the Year – Dallas County Community College
- 2019 Community College Excellence Award – League for Innovation
- 2020 Education Award – Preservation Dallas

Courses Taught:

Institution	Class	Section
University of Texas at Dallas	Spatial Thinking and Data Analytics	GISC/GEOS/EPPS 2305
	World Regional Geography	GEOG 2303
	World Regional Geography, Online	GEOG 2303
Tarrant County College	GIS Design with Raster Analysis	GISC 2402
	GIS Design with Vector Analysis	GISC 2404
	Programming for GIS	GISC 2435
Weatherford College	World Regional Geography	GEOG 1303
Dallas College	Physical Geography	GEOG 1301
	World Regional Geography	GEOG 1303

Work History:

Adjunct Instructor	Midwestern State University	1/2025 –
Teaching Assistant	University of Texas at Dallas	1/2021 –
Instructor of GIS	Tarrant County College	8/24/20 – 12/18/20
Adjunct Professor	Weatherford College	06-08/2020; 06-08/2021
Adjunct Professor	Tarrant County College	1/2020 – 8/24/20
Adjunct Professor	Richland College (DCCCD)	8/2019 – 5/2021
GIS Technician	Bartlett & West	6/2016 – 6/2019