JOHN C. VOLESKY, Ph.D.
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EXPERIENCE:

Assistant Professor of Instruction (Geology)

Texas State University, Department of Geography and Environmental Studies
San Marcos, Texas
January 2026 – Present

- Taught: Introduction to Geology (Physical Geology), Hydrogeology, and Sedimentology and Stratigraphy

Assistant Professor of Environmental Geosciences

University of Tulsa, Department of Geosciences
Tulsa, Oklahoma
August 2022 – May 2025

- Taught: Introduction to Remote Sensing, Introduction to GIS, Geomorphology, Hydrogeology, Energy, Environment, and Climate Change, Geology of National Parks, and Physical Geology
- Graduate Student Advisor

STEM Instructor – Upward Bound Summer Academy

University of Kansas
Lawrence, Kansas
June 2025

- Taught: Introduction to Imagery Interpretation and Analysis: Kansas' Climate, Biomes, Water Resources, Agriculture, Industry, and Energy Resources

STEM Instructor – Upward Bound Summer Academy

Kansas State University
Manhattan, Kansas
June 2024

- Taught: Chemistry of Climate Change

Instructor of Geosciences

U.S. Air Force Academy, Department of Economics and Geosciences
Colorado Springs, Colorado
August 2016 – May 2017

- Taught: Introduction to Remote Sensing and Advanced Remote Sensing

Adjunct Professor of Geosciences

Dallas (Brookhaven) College, Department of Geosciences
Farmer's Branch, Texas
January 2014 – December 2020

- Taught: Physical Geology, Earth Science, Geologic Hazards, and Environmental Science

Imagery Intelligence Analyst

U.S. Department of Energy – Los Alamos National Laboratory (LANL), National Nuclear Security Administration (NNSA)
Los Alamos, New Mexico
February 2010 – February 2011

The Boeing Company (contractor providing support to DoD-NGA)
McLean, Virginia
October 2008 - February 2010

U.S. Department of Defense – National Geospatial-Intelligence Agency (NGA)
Washington Navy Yard, Washington, D.C. and Denver, Colorado
January 2004 - October 2008

- Conducted research involving exploitation and analysis of imagery and geospatial analysis using ARCGIS.
- Exploited and analyzed imagery focusing on Counterterrorism, Electronic Order of Battle, Communication Networks, and activities related to the Nuclear Fuel and Weapons Cycles.
- Researched collateral (Open and Classified) sources of information for use as background and support for analysis.
- Wrote and presented reports and briefs to members of the Intelligence Community, Military, and Government.
- Published over 50 Intelligence Products ranging from briefs to intelligence reports (in-depth research papers).
- Conducted real-time analysis of Predator - Unmanned Aerial Vehicle (UAV) full motion video in direct support of forward deployed US and Coalition military units.

Teaching Assistant and PhD Graduate Student

University of Texas at Dallas, Department of Geosciences
Richardson, Texas
1997 - December 2002

- The research for my dissertation focused on exploration for mineral deposits (gold-bearing massive sulfide deposits) and involved: the use of multispectral remote sensing data (ASTER and Landsat ETM+); geologic/structural data; and geochemical data.
- Teaching Assistant in Remote Sensing, Oceans, and Rocks and Minerals

EDUCATION:

University of Texas at Dallas
Richardson, Texas
Doctor of Philosophy Degree in Geosciences
December 2002
Master of Science Degree in Geosciences
May 1999

University of Kansas
Lawrence, Kansas
Bachelor of Science Degree in Chemistry
May 1989

REFERENCES:

Marilynn Chavez
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