GEOLEX®
INCORPORATED

CURRICULUM VITAE

David Allen White, M.S.

PERSONAL

Name:	David Allen White
Birth date:	October 11, 1981
Birthplace:	Oscoda, Michigan
Citizenship:	United States
Languages:	English

SPECIALIZATION

Acid gas injection (AGI) project management including well design, drilling and completion, disposal well permitting and regulatory compliance, seismic interpretation and induced-seismicity modeling, sedimentology and stratigraphy, sequence stratigraphy, geochemistry and geochemical lab analysis, geotechnical writing, graphics design and development, data analysis, Arc*GIS* analysis and map development.

EDUCATION

University of New Mexico, 2018
M.S. Geology

University of Tennessee, 2014
B.S. Geology (Summa cum Laude)

HONORS AND AWARDS

Graduate Teaching Assistantship – University of New Mexico
Alexander and Geraldine Wanek Graduate Scholarship – University of New Mexico
Albert M. Kudo Outstanding Teaching Assistant – University of New Mexico
Jerry Harbour Memorial Endowed Scholarship – University of New Mexico
Geological Society of America Student Research Grant
Graduate and Professional Student Association Grant – University of New Mexico
Otto Kopp Undergraduate Research Award – University of Tennessee
Jimmy Walls Award for Excellence in Introductory Geology – University of Tennessee

ORGANIZATIONS

American Association of Petroleum Geolgists
American Institute of Professional Geologists
Geological Society of America

PUBLICATIONS

White, D.A., Elrick, M., Romaniello, S., and Zhang, F., 2018, Global seawater redox trends during the Late Devonian mass extinction detected using U isotopes of marine carbonates, Earth and Planetary Science Letters, v. 503, p. 68-77, doi:10.1016/j.epsl.2018.09.020.

White, D.A., Elrick, M., Romaniello, S., and Zhang, F., 2017, Tracking global seawater redox trends during the Late Devonian extinction using U isotopes of Upper Devonian marine carbonates, Geological Society of America Annual Meeting, Seattle, Washington.

White, D.A., Elrick, M., Romaniello, S., and Zhang, F., 2016, Multiple, short-lived ocean anoxic events across the Late Devonian mass extinction detected using uranium isotopes of marine carbonates, Geological Society of America Annual Meeting, Denver, Colorado.

Elrick, M., White, D., Bartlett, R., and Romaniello, S., 2018, Do uranium isotopes of marine limestones provide evidence for seawater anoxia as a common driver for Phanerozoic mass extinctions?, Goldschmidt Abstracts, 2018.

Elrick, M., White, D.A., Algeo, T.J., and Romaniello, S., 2018, Do uranium isotopes of marine limestones provide evidence for seawater anoxia as a common driver for Phanerozoic mass extinctions?, Geological Society of America *Abstracts with Programs*, v. 50, no. 6, doi: 10.1130/abs/2018-318936.

Gutiérrez, A., and White, D.A., 2019, Updates on seismic analysis for AGI siting and injection data analysis for AGI well condition and reservoir monitoring, Acid Gas Injection Symposium VIII, Calgary, Alberta, Canada.

EXPERIENCE

August 2018 – Present
Geolex, Inc.® - Senior Geologist
500 Marquette Avenue NW, Suite 1350
Albuquerque, NM 87102

Duties, Accomplishments, Responsibilities:

1. Served as project manager for the drilling and completion of an acid gas injection well in Winkler County, Texas. Responsibilities included providing general project oversight, on-site general supervision of daily activities, geological supervision, regulatory and safety compliance support, and project budget management.

2. Provide support duties associated with the drilling, completion, commissioning, and general operation of acid gas injection and saltwater disposal wells. These duties include on-site geological support and supervision, evaluation and interpretation of geologic data, post-installation regulatory compliance and testing, and acid gas injection well maintenance and operational support.

3. Geologic sequestration project planning including well design, geological assessment, regulatory hearing support, procurement of injection equipment, and project budget management.

4. Design and administer comprehensive in-person training courses for gas-processing plant operators focusing on the general operation, monitoring, and maintenance requirements of acid gas injection systems.

5. Permit application generation for acid gas injection and saltwater disposal wells through the following agencies: Bureau of Land Management, New Mexico Oil Conservation Division, and the Railroad Commission of Texas.

6. Completion of Induced-Seismicity Risk Assessments to support injection-permit applications. Assessments are based on a detailed review of seismic survey data to identify subsurface features and model-simulation results to predict the associated fault-slip probability for a proposed injection scenario.

7. Experienced providing expert witness testimony supporting NMOCD C-108 injection well applications (Recognized by NMOCC and NMOCD as an expert in petroleum geology, seismic interpretation, and fault-slip probability modeling)

8. Utilization of Arc*GIS* software for geospatial analyses and map development.

August 2014 – May 2017
Graduate Teaching Assistant
Department of Earth and Planetary Sciences
Northrop Hall, 221 Yale Blvd NE
University of New Mexico
Albuquerque, NM 87131

Duties, Accomplishments, Responsibilities:

1. Prepared lectures and designed classroom activities to engage and develop both students pursuing Earth and Planetary Science degrees and those fulfilling general education requirements. Courses taught include Sedimentology & Stratigraphy, Earth History, Physical Geology, and Introductory Environmental Science.

2. Supervised and conducted laboratory activities and field exercises while maintaining a safe and productive environment.

3. Evaluated student performance and provided mentorship and guidance to assure student success and educational growth.

4. Assisted in a summer field-methods course, which required the application of lecture content in the field while ensuring students understood and maintained safe fieldwork practices.

January 2013 – May 2014
Research Assistant and Departmental Tutor
Department of Earth and Planetary Sciences
University of Tennessee
Knoxville, TN 87120

Duties, Accomplishments, Responsibilities:

1. Responsible for the preparation of samples for geochemical and isotopic analysis for faculty and graduate students at the University of Tennessee.

2. Conducted individualized tutoring sessions for students enrolled in Earth & Planetary Science courses.