

ELIZABETH A. MEASURES
Professor of Geology
Biology, Geology and Physical Sciences Department; Sul Ross State University
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EDUCATION

University of Idaho	PhD; Geology	degree awarded 1992
Dissertation: Stratigraphy, carbonate lithologies, and depositional environments of Upper Ordovician Fish Haven Dolomite and Saturday Mountain Formation, east-central and central Idaho, and implications for platform development and margin tectonics		
Sul Ross State University	MS; Geology	degree awarded 1984
Thesis: Petrography, depositional environments, and dolomitization of the Ordovician Montoya Group, New Mexico and Texas		
Sul Ross State University	BS; Geology	degree awarded 1982

PROFESSIONAL EXPERIENCE

Sul Ross St Univ	2013 to present	Biology, Geology & Physical Science
Sul Ross St Univ	2010 to 2013	Computer Science and Mathematics
Sul Ross St Univ	2009 to 2010	Development Leave
Sul Ross St Univ	2000 to 2009	Academic Center for Excellence
Sul Ross St Univ	1993 to 2000	Computer Science and Mathematics

PROFESSIONAL ASSOCIATIONS

Geological Society of America
Divisions: Geoscience Education; Sedimentary Geology
Sections: South-Central; Rocky Mountain; Cordilleran
Paleontological Society
Society of Economic Paleontologists and Mineralogists
West Texas Geological Society

DUTIES/RESPONSIBILITIES

Geology Program Head

Teaching undergraduate and graduate courses (12SCH per semester)

Undergraduate Advisor

Graduate Advisor

Graduate Thesis Advisor

Graduate Thesis Committee Member

Geology Program SACS Coordinator/Annual report writer

Recruit for Geology Program

Maintain Geology collections (minerals and rocks)

Maintain equipment in Rock Preparation Lab

Member on university committees/councils

Identify rock/mineral/fossil samples brought in by non-university people

AWARDS

2020 SACS Program Coordinator of the Year

2018-2019 Top Academic Assessment Report

2017-2018 Top Academic Assessment Report

2016-2017 Top Academic Assessment Report

SYMPOSIA AND PRESENTATIONS

2019 Christmas Mountains Symposium

Measures, E.A., A Proposed Geology Guide to the Christmas Mountains Summit Road (abstract and presentation)

Roberson, J., Urbanczyk, K., and **Measures, E.**, A characterization of clay minerals in Rio Grande suspended sediment and relationship to source (abstract)

Rohr, D.M., Hall, B.R., Elmore, S.N., Carsrud, C.T., and **Measures, E.A.**, Ancient (Oligocene-Miocene) Lake Limestones in Big Bend Ranch State Park and Dalquest Desert Research Site, Texas (abstract)

PUBLICATIONS

Book Chapters

Isaacson, P.E. and **Measures, E.A.** 1985. Depositional paleoenvironments and paleogeography of the Mississippian Lodgepole and Monroe Canyon formations (and equivalents), southeastern Idaho, in Kerns, G.J. (ed.) Orogenic patterns and stratigraphy of north-central Utah and southeastern Idaho. Utah Geological Association 14:15-27.

McFadden, M.D., **Measures, E.A.**, and Isaacson, P.E. 1988. Early Paleozoic continental margin development, central Idaho, in Link, P.K. and Hackett, W.R. (eds), Guidebook to the geology of central and southern Idaho. Idaho Geological Survey, 24:129-152.

Measures, E.A. 1987. Stratigraphy and deposition of the Cathedral Mountain Formation (Leonardian), Glass Mountains, West Texas, in Cromwell, D. and Mazzullo, L.J. (eds), The Leonardian facies in west Texas and southeast New Mexico and guidebook to the Glass Mountains, West Texas. SEPM Guidebook 87-27:57-61.

Refereed Journal Articles

- Faghihi, U., Brautigam, A., Jorgenson, K, Martin, D., Brown, A., **Measures, E.**, and Maldonado-Bouchard, S. 2014. How gamification applies for educational purpose specially with College Algebra. *Procedia Computer Science* 41:182-187.
- Isaacson, P.E., McFaddan, M.D., **Measures, E.A.**, and Dorobek, S.L. 1988. Coral-Stromatoporoid carbonate buildup succession, Jefferson Formation (Late Devonian), central Idaho, U.S.A. *Canadian Society of Petroleum Geologists* 13:471-477.
- Rohr, D.M. and **Measures, E.A.** 2001. Middle Ordovician (Whiterockian) gastropods from western Newfoundland. *Journal of Paleontology*, 75:284-294.

Research Reports

- Blodgett, R.B., Rohr, D.M., **Measures, E.A.**, Savage, N.M., Pedder, A.E.H., and Chalmers, R.W. 2000. The Soda Creek Limestone, a new upper Lower Devonian formation in the Medfra Quadrangle, west-central Alaska, in Pinney, D.S. and Davis, P.K., eds., *Short Notes on Alaska Geology 1999: Alaska Division of Geological & Geophysical Survey Professional Report 119:1-9.*
- Boyce, W.D., Knight, I., Rohr, D.M., Williams, S.H., and **Measures, E.A.** 2000. The upper St. George Group, western Port au Port Peninsula: Lithostratigraphy, biostratigraphy, depositional environments, and regional implications. *Current Research, 2000, Newfoundland Department of Mines and Energy, Geological Survey, Report 2000-1:101-126.*
- Measures, E.A.**, Rohr, D.M., and Blodgett, R.B. 1992. Depositional environments and some aspects of the fauna of Middle Ordovician rocks of the Telsitna Formation, northern Kuskokwim Mountains, Alaska. *U.S. Geological Survey Bulletin*, 2041:186-201.
- Platt, S.G., **E.A. Measures**, D.M Rohr, K. Platt, and T. R. Rainwater. 2017. *Batagur trivittata* (Burmese roofed turtle) nesting site and substrate. *Herpetological Review* 48(2), p. 420-422.
- Rohr, D.M., Boyce, W.D., and **Measures, E.A.** 2008. The rostroconch mollusk *Euchasma* Billings, 1865 from the Lower Ordovician Catoche Formation,

- western Newfoundland. Newfoundland Department of Mines and Energy, Report 08-1:79-91.
- Rohr, D.M., Boyce, W.D., and **Measures, E.A.** 2008. The Middle Ordovician mollusk Archinacella from the Table Point Formation (Table Head Group), western Newfoundland. Newfoundland Department of Mines and Energy, Report 08-1:93-99.
- Rohr, D.M., Karl, S., Blodgett, R.B., Baichtal, J.F., and **Measures, E.A.** 2014. Ordovician Carbonate Facies of Prince of Wales Island, Southeast Alaska. Alaska Geological Society Newsletter 44(7):4-6.
- Rohr, D.M., **Measures, E.A.**, and Boyce, W.D. 2004. Middle Ordovician (Whiterockian) gastropods from the Table Point Formation, western Newfoundland. Newfoundland Department of Mines and Energy, Report 04-1:225-234.
- Rohr, D.M., **E.A. Measures**, and W.D. Boyce. 2019. New Early and Middle Ordovician Gastropods from Western Newfoundland. Current Research 2019, Newfoundland and Labrador Department of Natural Resources Geological Survey, Report 19-1, pages 175-186
- Rohr, D.M., **Measures, E.A.**, Boyce, W.D., and Knight, I. 2000. Ongoing studies of Late Cambrian and Early Ordovician gastropods of western Newfoundland. Current Research, 2000, Newfoundland Department of Mines and Energy, Geological Survey, Report 2000-1:241-250.
- Rohr, D.M., **Measures, E.A.**, Boyce, W.D., and Knight, I. 2001. Early Ordovician gastropods of the Barbace Cove Member (Boat Harbour Formation) and Catoche Formation, western Newfoundland. Newfoundland Department of Mines and Energy, Report 01-1:113-126.
- Williams, S.H., Boyce, W.D., Knight, I., **Measures, E.A.**, and Rohr, D.M. 2000. Early Ordovician (arenig) graptolites from the upper St. George Group, Port au Port Peninsula: preservation, correlation, and paleoenvironmental and stratigraphic implications. Current Research, 2000, Newfoundland Department of Mines and Energy, Geological Survey, Report 2000-1:291-298.

RESEARCH AND PROFESSIONAL PRESENTATIONS

Chalmers, R.W., **Measures, E.A.**, Rohr, D.M., and Blodgett, R.B. 1995.
Depositional environments of an upper Lower Devonian (Emsian) limestone
unite at "Reef Ridge", Medfra B-3 quadrangle, west-central Alaska. Geological
Society of America, Abstracts with Programs 27(5):9.

Measures, E.A., Blodgett, R.B., and Rohr, D.M. 1992. Depositional setting and
fauna of Middle Ordovician rocks of the Telsitna Formation, northern
Kuskokwim Mountains, Alaska. Geological Society of America, Abstracts with
Programs 24(5):70.

Rohr, D.M., **Measures, E.A.**, Boyce, W.D., and Knight, I. 2012. Late Cambrian
to Middle Ordovician gastropod faunas of western Newfoundland. Abstracts
from Annual Meeting of The Geological Association of Canada, 2012 St. John's,
Newfoundland 35:119.

GRANTS

Research Enhancement Grants:

Cretaceous carbonate facies of the Christmas Mountains and Permian carbonate
facies of the Guadalupe Mountains, west Texas

Sul Ross State University	2014	\$3,411
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Lower Paleozoic clastics and carbonates of the Llano Region, Texas and the
Sacramento Mountains, New Mexico

Sul Ross State University	2015	\$5,750
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Research Enhancement Grant: Cretaceous units of Big Bend Ranch State Park,
Texas

Sul Ross State University	2016	\$4,000
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