

Dr. NICHOLAS W. HAYMAN

Director of the Oklahoma Geological Survey & Oklahoma State Geologist

University of Oklahoma
Sarkeys Energy Center
100 E. Boyd St.
Norman, OK 73019

Education

Doctorate in Philosophy, Geological Sciences, University of Washington, 2003
Master of Science, Geological Sciences, SUNY Albany, 1997
Bachelor of Science, Geological Sciences, SUNY Albany, 1995, *Magna Cum Laude*

Positions Held

Director of the Oklahoma Geological Survey & State Geologist of Oklahoma, University of Oklahoma
2020 – *present*
Acting Associate Dean of Research, Mewbourne College of Earth & Energy, University of Oklahoma,
2020-2023
Program Director, National Science Foundation, Marine Geology & Geophysics Program,
Ocean Sciences Division, 2018 – 2020
Research Associate & Research Scientist, Institute for Geophysics, University of Texas, 2007-2020
Lecturer, Department of Geological Sciences, University of Texas - Austin, 2009 - 2020
Postdoctoral Research Associate & Research Scientist, Duke University, 2003-2007
Chevron Production Technology Company Intern, La Habra CA laboratory 1998
National Science Foundation Undergraduate Research Fellow, Lamont Doherty Earth Observatory, 1994

Professional Activities

- State Geologist of Oklahoma: providing geoscience information to: (i) state agencies, (ii) energy industry, (iii) public, education, and science communities, and (iv) participating in the national effort of state geologists to have a resilient geoscience infrastructure for the nation;
- Director of the Oklahoma Geological Survey (OGS): manage personnel, coordinate with the University of Oklahoma & the office of the Oklahoma Secretary of Energy & the Environment, and develop an externally funded energy-geoscience research and education program;
- Research: Energy Geosciences, Structural Geology & Tectonics, Petrology & Geochemistry, Marine Geology & Geophysics, Rock Mechanics.

Publications: authored/ coauthored >70 peer-reviewed articles, book chapters, and reports (H-index: 28).

Conference proceedings & involvement: Regular participant and presenter at annual and regional meetings of the American Geophysical Union, Geological Society of America, American Association of Petroleum Geologists, and many other venues.

Mentoring: Supervised or co-supervised over six graduate students and four postdoctoral scholars, and currently supervise a team of 36 technicians, scientists, and administrators. Taught for >10 years at UT Austin in areas of both major and non-major undergraduate and graduate courses in Geosciences.

Other Service: Executive Committee Member (Vice-President in 2025, currently President-Elect) of the American Association of State Geologists; Regular reviewer & panelist for the National Science Foundation, Associate Editor for GSA Bulletin.

Noteworthy Research Experience: Participated in six >1-month marine geology and geophysical expeditions, as well as off-shore drilling expeditions internationally, a cumulative >8-months at sea. Conducted at least a dozen >1-week field mapping seasons in areas across the US, Europe, and Asia. Had funded collaborations including site visits and field expeditions with Shell, Petrobras, and other major and junior energy companies. Research activities supported by collectively >6M\$ in external research funding from the Department of Energy, the National Science Foundation, NASA, and the USGS.