

**CANDIDATE FOR THE “ACADEMIC” SECTOR
OF THE
MISSISSIPPI STATE BOARD OF REGISTERED PROFESSIONAL GEOLOGISTS**

Lance D. Yarbrough

1) Year of Birth 1972

2) Degrees

- Ph.D., 2006, The University of Mississippi, Oxford, MS, Geological Engineering; Dissertation: *The Legacy of the Tasseled Cap Transform: A Development of a More Robust Kauth-Thomas Transform Derivation*
- M.S., 2002, The University of Mississippi, Oxford, MS, Geological Engineering; Thesis: *Channel Bank Stability Analysis and Design: Considering the Effects of Riparian Vegetation and Root Reinforcement*
- B.S., 1995, University of Missouri-Rolla, Rolla, MO, Geological Engineering;

3) Work History (Geologist/RPG history)

- 2020–present: University of Mississippi, University, MS, Associate Professor
- 2020–present: Yarbrough Consulting Group, LLC, Oxford, MS, managing member
- 2023–2024: Mississippi Mineral Resources Institute, University, MS, Interim Director
- 2019: Kiewit Foundations/Underground, Omaha, NE, Faculty Scholar
- 2016–2020: University of Mississippi, University, MS, Assistant Professor
- 2015–2016: Crosstek Solutions, LLC, Vicksburg, MS, Technical Director-Geospatial Solutions
- 2014–2016: Delta Engineering Solution, LLC, Vicksburg, MS, Principal Engineer
- 2012: Hess Corporation, Houston, TX, Drilling Engineering Fellow
- 2008–2014: University of North Dakota, Grand Forks, ND, Assistant/Associate Professor
- 1997–1998: EMSC-Environmental Construction Div., Indianapolis, IN, Project Manager
- 1995–1997: Sverdrup Environmental, St. Louis, MO, Geological Engineer

4) Professional Publications

- 16 peer-reviewed journal articles including: *Using downscaled GRACE Mascon data to assess total water storage in Mississippi Alluvial Plain aquifer*
- 10+ confidential and technical reports, 35+ conference abstracts/papers
- 1 book: *Earth Materials: Components of a Diverse Planet*, CRC Press

5) Professional Memberships

- Association of Environmental and Engineering Geologists (AEG)
- Geological Society of America (GSA)
- American Society of Civil Engineers (ASCE)

6) Professional Certifications, Registrations, and Licenses (Current)

- Mississippi RPG #0725 (By ASBOG Examination)
- Professional Engineer: Alabama #34541, Arkansas #16383, Louisiana #39722, Mississippi #18022, Texas #117813 (Geotechnical)

7) RPG Related Activities

- One of six subject matter experts responsible for development of ASBOG’s official exam training course. Responsible for both Engineering Geology and Mineral and Energy Resources domains. <https://asbog.org/fgprep/index.html>