# Modern Industrial Technology History

## **Research Topics**

- Railroads in the 20<sup>th</sup> and 21<sup>st</sup> centuries (North American and Global)
- · Transportation history and policy
- The United States Bureau of Mines, 20<sup>th</sup> century mining, metallurgy and materials R&D
- Energy history and policy
- Engineering and STEM education
- Innovation, technological change and large industrial organizations



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## **Keywords**

 Railroads; industrial history; innovation; mining history; metallurgy and materials history; transportation; science technology & society; science & technology policy

## Significant achievements

- Out of Steam, Dieselization of American Railroads, book, 2010.
- "Nazi Scientists in the Land of Mark Twain, the US Bureau of Mines Synthetic Fuels Demonstration Plant Louisiana, MO, 1945-1953." Article, Missouri Historical Review, 2016.
- Society for the History of Technology.

