

National Park Service Department of the Interior

Manhattan Project National Historical Park
Oak Ridge, Tennessee



March
2020

Manhattan Project History in March

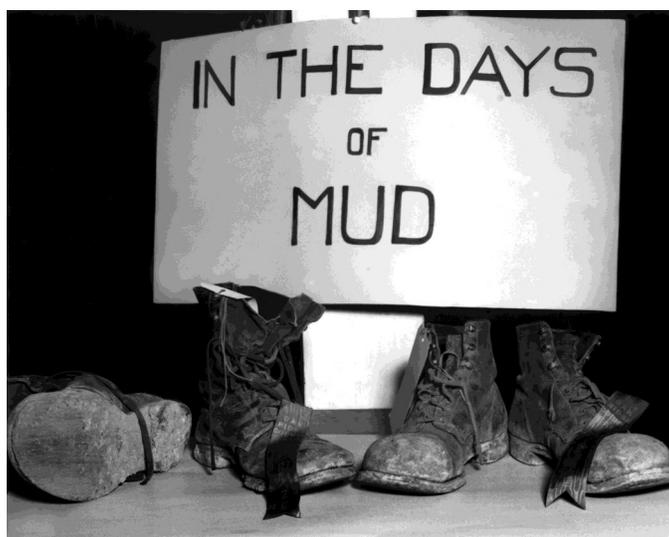
- Without the use of a particle accelerator, Enrico Fermi and his team bombarded over twenty elements with recently discovered neutrons rather than alpha particles discovering neutron-induced radioactivity; these results were reported to the Italian journal *La Ricerca Scientifica* on March 25, 1934. Unknown to Fermi at the time, his team had split uranium.
- The Uranium Committee released \$6,000 for Enrico Fermi to conduct neutron experiments at Columbia University in March 1940.
- Glenn Seaborg, Emilio Segre, and Joseph W. Kennedy were able to demonstrate that element 94, plutonium is fissionable on March 28, 1941.
- The K-25 gaseous diffusion plant in Oak Ridge began production of U-235 in March 1945.

Visit Inside the Oak Ridge Turnpike Gatehouse on Saturday, March 6 at 3:30 pm ET. Rangers will host the popular *"Secrecy, Security, and Spies"* program at the Turnpike Gatehouse. The Turnpike Gatehouse is located at 2900 Oak Ridge Turnpike, Oak Ridge, TN 37830.

We Had Lots of Fun During the February Volunteer Appreciation Event. To Follow Up We are Having a Volunteer Recruitment Meeting at the Museum of Science & Energy on Wednesday, March 11 at 10 am ET. Park Volunteers often serve as the first interaction that many visitors experience. If you are interested in becoming a National Park Volunteer contact our volunteer coordinator Effie Houston at effie_houston@nps.gov or by phone at 423-569-7328.



Park Rangers Will Lead a Hike along Cedar Hill Greenway on Saturday, March 21 at 1 pm ET. The hike will begin and end at the Cedar Hill Park, former location of Cedar Hill Elementary. Rangers will discuss the early school system of Oak Ridge early shopping centers and housing in the Clinton Engineer Works. This is a moderately difficult hike we advise visitors to wear appropriate footwear, insect repellent, and sunscreen.



"Mud: A Photographic Exhibition of Life in the Secret City" is being hosted by the newly opened K25 History Center, 625 Enrichment Street, Oak Ridge.

Bike with a Ranger Down Beautiful Melton Lake Greenway on Saturday, March 28 at 10 am ET. The program will begin at Elza Gate Park, 101 Oak Ridge Turnpike, and continue down to Old Edgemore Road. Rangers will stop several times along the bike ride to point out the points of Oak Ridge history. The ride will be approximately 8 miles and it is recommended that visitors bring drinking water.

We Want to Welcome Matthew Klein, Visual Information Specialist, who has just joined the Oak Ridge team.

Matthew has been with the NPS since 2015 at several parks, most recently at the Great Smoky Mountains National Park. Matthew will be working with staff at Oak Ridge, Los Alamos, and Hanford to create visual content for visitors to better explore the Manhattan Project.



**Park Visitor Center Desk
at the
Children's Museum of Oak Ridge
461 W. Outer Drive, Oak Ridge, TN 37830
(865) 482-1942
or visit us at:
www.nps.gov/mapr
<https://twitter.com/MnhtnProjectNPS>
www.facebook.com/ManhattanProjectNPS
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