National Park Service
Department of the Interior

Manhattan Project National Historical Park
Oak Ridge, Tennessee

November 2019

We Don't Think Much about Spies During our Normal Everyday Life and Many People Don't Consider Them Part of the Oak Ridge Story. Join a Ranger on Friday, November 15 for a discussion on what life was like within Oak Ridge during the Manhattan Project with all the secrecy, the need for security, and the worry of spies. The program will begin at 3:30 pm ET in the Turnpike Checking Station located at 2900 Oak Ridge Turnpike, Oak Ridge, TN 37830.

Consider "Opting Outside" this Black Friday, November 29. Oak Ridge has great hiking options around town. One suggestion is a hike along Cedar Hill Greenway. The 2.5 mile loop hike begins at Cedar Hill Park on Outer Dr. and Michigan Ave. This greenway traverses a wooded city greenbelt and links Cedar Hill Park, historic central city neighborhoods, football and soccer fields at Blankenship field, and historic Jackson Square. The hike is considered moderately difficult and some parts of the trail can wash out after a strong storm. Don't forget to wear appropriate footwear and bring drinking water. **#OptOutside.**

We're Looking Forward to the Next Tennis Court Dance This Coming Spring.

Visitors Can Now Enjoy Short Films about the Manhattan Project Right Next to Our Visitor Contact Desk. Feel free to stop by 461 W. Outer Drive at the visitor station and view the films.

Manhattan Project History in November

- The first measurable U-235 enrichment was demonstrated by John Dunning and Eugene Booth in Manhattan, NY on November 6, 1941.
- On November 16, 1942 Enrico Fermi and his team began round the clock shifts for construction of Chicago Pile-1 at Stagg Field.
- Klaus Fuchs, later discovered as a Soviet spy, traveled to the U.S. in November 1943 with several other experts on fission weapons from England to assist the atomic bomb project.
- The X-10 Graphite Reactor went critical for the first time at 5 am on November 4, 1943. Plutonium went produced by the end of the month. The reactor would continue to operate for the next 20 years before it was shut down. Two years after the reactor was shut down it became a National Historical Landmark in 1965.
- Over 70 years after the end of WWII the Manhattan Project National Historical Park was established on November 10, 2015 and began telling the story of the people, events, science, and engineering that led to the creation of the atomic bomb.

The Manhattan Project National Historical Park is Turning Four Years Old. Sunday, November 10 is our birthday and we are proud of the accomplishments so far, none of which could have been achieved without the support of the community and volunteers. Time can go very quickly when you love what you do. It seemed only a few months ago we were installing the very first arrowhead in Oak Ridge. All of us want to say a big Thank You to everyone who has helped make the past four years such a success!

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
Twitter@MnhtnProjectNPS
www.facebook.com/ManhattanProjectNPS
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