

Rotary



Club of Oak Ridge Celebrating 75 Years

Club Meeting

Oak Ridge
Meets at DoubleTree by Hilton
215 S. Illinois Avenue
Oak Ridge, TN 37830
Time: Thursday at 12:00 PM

Oaktarian 23-24 Vol
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THE Rotary Club of Oak Ridge



CREATE HOPE
in the WORLD

Club Officers



[Curtis Scott Jamison](#)
President



[J.R. Hertwig](#)
President-Elect
Club Membership
Chair



[Emily Rice](#)
Club Executive
Secretary
Webmaster



[Cynthia S. Jeffers](#)
Treasurer



[Janice Sue Melcher](#)
Club Rotary
Foundation Chair



[Maria Catron](#)
Club Service Chair
Community Service
Chair



[Todd W. Bergener](#)
Vocational Service
Chair



[Brent Rankin](#)
Club Youth
Exchange Officer
Club Youth Services
Chair



[Robert Scott Smith](#)
iPast President

Special Announcements

No Meeting this Week, August 31

Street Painting Festival - September 23

Save the Date! We'll need volunteers for that weekend to help out. We also need someone to find a company that sets up bouncy castles for the kids. We'll have sign-up sheets for volunteers at our next regular meeting on September 7.

If you know how to get some bouncy houses or would like to work on getting some, please help out and send an email to [Andy Spellman](#)!



Fifth Thursday Social

PLEASE NOTE: Special After-Hours Fifth Thursday Social at Crafter's Brew August 31st

We will have a club social on Thursday, August 31st in lieu of the regular weekly meeting. Please show your support for the club and your fellow members by joining us at Crafter's Brew, starting around 5 PM. A Singo game with fun prizes will start at 6:30. Stay as long as you like, or until you're kicked out!

P.S. Singo is a fun version of Bingo that replaces song snippets for the usual B-I-N-G-O letters, so it's a fun time of showing off your song knowledge (or lack thereof) with your friends over an adult beverage or two.

P.P.S. This is the PERFECT opportunity to bring a friend or make a new one by inviting prospective members for the club to join us at this special event and get to know our members outside a regular club meeting. **A special prize will be awarded to the member who brings the most visitors.**

Invocation Schedule

August 31st No Meeting

September 7th Brent Rankin

September 14th Jim Ratliff

September 21st Cora Rhew

September 28th Emily Rice

Upcoming Meetings

August 31st

[Fifth Thursday Social Event @ Crafter's Brew for Singo Night](#)

Speaker: NA

Subject: Get to know your members while having a blast!

Birthdays

J.R. Hertwig

September 4th

Joseph Storch

September 6th

Anniversaries

No Years Of Service this Week

District News & Events



Rotary Leadership Institute - Sept. 9th @ Pellissippi

If you have not already become a part of our Rotary Leadership Institute (RLI) family, please consider joining us for RLI Part 1 on Saturday, September 9, 2023 in Crossville. And if you have begun your RLI journey already, please continue with us! RLI-II-III and the Graduate Course will be conducted.

RLI is a great learning opportunity for new members, or those who have been a member awhile but want to know more about Rotary and leadership in a volunteer organization. It's also perfect for those members who are on the track to club leadership!

Class size for each level is limited to 30, so members should register early.

Last Week's Meeting

Jim Rogers, Director, Computing and Facilities, spoke at our Rotary Club meeting last week about the ORNL Frontier supercomputer, currently the fastest supercomputer in the world. The computer has broken through the exascale barrier with 1.1 exaflops (floating point operations per second), meaning the computer has the ability to perform over one quintillion calculations per second with a theoretical limit of two exascale (two quintillion calculations per second). Frontier is about seven times faster than its predecessor, Summit. Frontier has 700 petabytes of storage, weighs 8,000 pounds, is water-cooled by 6,000 gallons of water per minute by four 350 horsepower pumps, and the mechanical plant uses 40 Megawatts of electricity which is equivalent to the power demands of 30,000 homes (approximately the total power demands of the homes in Oak Ridge). The project to build Frontier began in 2017 and ORNL has the next generations of supercomputers in various build stages. Frontier was open to full use at the beginning of 2023 and researchers began using Frontier to perform calculations and modeling for weather, turbulence and flow, and modeling of biomolecules and substrate interactions.





FRONTIER

FIRST TO BREAK THE EXASCALE BARRIER AND FASTEST COMPUTER IN THE WORLD

1.1 EXAFLOPS
FRONTIER CAN DO MORE THAN 1 QUINTILLION CALCULATIONS PER SECOND.

1 SECOND
IF EACH PERSON ON EARTH COMPLETED ONE CALCULATION PER SECOND, IT WOULD TAKE MORE THAN 4 YEARS TO DO WHAT AN EXASCALE COMPUTER CAN DO IN 1 SECOND.

700 PETABYTES
FRONTIER'S ORION STORAGE SYSTEM HOLDS 33 TIMES THE AMOUNT OF DATA HOUSED IN THE LIBRARY OF CONGRESS.

8,000 POUNDS
EACH CABINET WEIGHS THE EQUIVALENT OF 2 FULL-SIZE PICKUP TRUCKS.

6,000 GALLONS
OF WATER IS MOVED THROUGH THE SYSTEM PER MINUTE BY FOUR 350-HORSEPOWER PUMPS. THESE POWERFUL PUMPS COULD FILL AN OLYMPIC-SIZED SWIMMING POOL IN ABOUT 30 MINUTES.

40 MEGAWATTS
FRONTIER'S MECHANICAL PLANT CAN COOL THE EQUIVALENT POWER DEMAND OF ABOUT 30,000 U.S. HOMES.

OAK RIDGE National Laboratory
ENERGY
Herzfeldt Postcard Enterprise
AMD
FRONTIER
OAK RIDGE National Laboratory

Virtual Meeting Information

Virtual Meeting Information

We are still offering our meetings virtually, but we would still love to see everyone in person if you are able to join us!

Using Zoom

To join Zoom, just click the link below from your phone or computer. This will prompt you to download the appropriate software if you don't yet have it, and then automatically open the virtual meeting.

<https://us06web.zoom.us/j/86242538108>

To call-in by phone only or to use your phone's audio, call
Phone Number: (312) 626 6799
Meeting ID: **862 4253 8108**

Giving Happy Dollars



The link below can be used for all Happy Dollars.

<https://portal.icheckgateway.com/Gen/Default.aspx?p=3c1ba22f5c54422bbeac>

This Month's Rotary Theme

AUGUST DESIGNATION IS

MEMBERSHIP AND NEW CLUB DEVELOPMENT MONTH

"The things that are worthwhile take time, and it is not the I's of the world but the We's who achieve them."
Past RI President H.J. Brunner 1952-53

Rotary 

TAKE ACTION: Join Rotary, Get Involved