What’s new at YERKES

40-INCH REFRACTOR NOW AVAILABLE FOR PUBLIC OBSERVING!
Donors of $1000 or more toward the 40-inch refractors maintenance fund will receive a special “thank you” observing program for up to 12 people with this historic telescope, scheduled at a mutually convenient date in 2015 or 2016.

YERKES FUNDRAISING RECEPTION
FRIDAY OCTOBER 30 $50/person
YOU ARE INVITED

YOUR GENEROUS CONTRIBUTIONS SUPPORT
- Yerkes Education Outreach programs
- Yerkes FabLab completion
- Expanded Yerkes Tours programs
- Yerkes telescope maintenance fund
- Morgan House renovation for visiting guests, faculty and dignitaries

YERKES EXPANDED PROGRAMS You are invited to help us celebrate. Learn more about Yerkes Outreach programs, Yerkes Tours, and the new Yerkes FabLab, Friday Oct. 30th, 6:30 – 9:00 PM
Enjoy wine, cheese, observatory building tours, lab tours, and telescope observing (weather permitting).
YERKES EXPANDS EDUCATION OUTREACH

FAMILY NIGHT
Local families attend monthly hands-on sessions subsidized by donors to make participation possible for everyone. Each event requires a $300 subsidy.

YERKES SUMMER CAMPS
Six 4-day summer astrophysics sessions for students grades 3-9 subsidized by local contributors.
Girls Tech Camp sponsored by Wisc. AAUW
Each session requires $2000 subsidy.

MONTHLY STAR PARTIES
Professional educators donate time to host monthly star parties for families and the general public (rain or shine).

YERKES SKYNET REMOTE OBSERVING
Yerkes 41” (South Dome) reflecting telescope has joined the SkyNet robotic network making telescopes accessible to students over the internet, increasing images captured by a factor of 100. Donor support is needed for maintenance and technicians.

YERKES AFTER SCHOOL—INTERNS AND MENTORS
Local High School students who excel in science are eligible for the Yerkes after-school program. Students work (one-on-one) with Yerkes Research Engineers as their mentors. Programs are customized to each student’s interests. Students who complete the after-school programs are eligible for internships with the University.

YERKES SPACE EXPLORERS
Program for students from Chicago public schools who spend a week at Yerkes in the summer plus 3 days in the winter, learning science, engineering and technology.

YERKES ASTRONOMY FOR THE BLIND AND HEARING IMPAIRED
Blind students use Yerkes telescopes to take digital images that are translated into a “blind readable” tactile format captioned in Braille. Hearing impaired students are guided by Yerkes staff using sign language.

TEACHER PROFESSIONAL DEVELOPMENT
Yerkes sponsors 4 professional development programs per year for teachers. Yerkes is seeking sponsors for this program.

YERKES TOURS
Yerkes public tours have now been expanded to include observing on the Yerkes 24-inch reflector and the Yerkes 40-inch Refractor. Building tours are now available weekdays for a nominal charge per person; free public tours continue to be available on Saturdays. Private events, private tours and corporate events are also available.

Information: tours@yerkes.uchicago.edu
YERKES ACTIVITIES

Yerkes education outreach programs, Yerkes summer camps, Yerkes Girls Tech camps, Yerkes Space Explorers, UofC undergrads and Carthage students use Yerkes new FabLab

Yerkes engineers build high pressure research instruments for Geophysicists at:

- Lawrence Berkeley National Laboratory
- Cal Tech
- Sandia National Laboratory
- Brazilian Synchrotron Light Laboratory

NASA flight instrument SOFIA HAWC
Designed and built at Yerkes ships to Jet Propulsion Laboratory

Yerkes 41” reflecting telescope joins Worldwide SkyNet robotic network
YERKES FUNDRAISER RECEPTION

Yerkes Observatory, 373 W. Geneva Street, Williams Bay, WI 53191
Friday October 30, 2015          6:30 to 9:30 PM

Name__________________________    Address________________________________
City ___________________________    State___________  Zip___________________
Phone__________________________    E-mail _________________________________

Enclose check payable to: University of Chicago Yerkes Observatory

Number of guests ________  X $50 per person   =      $________________
Additional contribution   =       $_______________
Cannot attend but wish to contribute   =       $ _______________
Total   =       $ _______________

My additional contribution supports:

___ Yerkes Education Outreach Programs
___ Completion of the Yerkes FabLab
___ Expanded Yerkes Tours Programs
___ Maintaining the Yerkes 40” Refractor
___ Morgan House restoration for visiting guests

Credit cards accepted by phone: 262-245-5555
On-line information: astro.uchicago.edu/yerkes/