

YOUNG SCIENTIST ROUNDTABLE

A program designed for all students in Kindergarten through 12th grade and their parents



Excellence. For each and every student.

Monday, March 6, 2017, 7:00 – 8:00 p.m.
Central Middle School Auditorium
305 Vicksburg Lane North, Plymouth

Astronomy of the Sun

Lindsay Glesener, Ph. D.
Assistant Professor, School of Physics & Astronomy
University of Minnesota

The Sun, our closest star, allows us to study the physics that is at work throughout the universe: we can study plasma, the transfer of energy and how explosions on the sun send material throughout the solar system. Specially designed telescopes help astronomers measure X-rays, which, in turn, teach us about solar explosions.

Dr. Lindsay Glesener, assistant professor at the University of Minnesota's School of Physics & Astronomy, will describe what we know from X-ray astronomy of the Sun and what we would like to learn; ways to measure X-rays, particularly on experiments that fly on rocket missions and satellites; and show some of the newest, most sensitive measurements of X-rays from the Sun.

Teen Roundtable

8:10 – 8:40 p.m.

Students are invited to meet with the speaker after the presentation to discuss the topic in more depth.

September 26, 2016

Comets

Dr. Charles Woodward

October 24, 2016

Symmetry, Invariants, Puzzles and Cancer

Dr. Peter Olver

November 15, 2016

Honeycrisp Apples

Dr. James Luby

December 5, 2016

Wearable Technology

Dr. Lucy Dunne

January 10, 2017

Chemistry to Modern Medicine

Dr. William Pomerantz

February 6, 2017

Engineering Solutions for Construction Projects

Ann Johnson

March 6, 2017

Astrophysics

Dr. Lindsay Glesener

April 17, 2017

Environmental Engineering

Dr. Paige Novak



NASA Goddard Space Flight Center
Solar Dynamics Observatory
August 31, 2012

For more information, call Charlene Barghini at 763-745-5045, email at Charlene.Barghini@wayzata.k12.mn.us or visit our website at www.wayzata.k12.mn.us/ysr.