

(Please note that this is the mail-in registration form. If you register by phone or e-mail, please provide all of the information on the form below.)
Girls' Science Investigations is held at the Sloane Physics Laboratory in the Yale University Department of Physics.

Name: _____

Date: _____

Parent/Guardian's name: _____

Address: _____

Phone number: _____

School: _____

Grade: _____

Email: _____

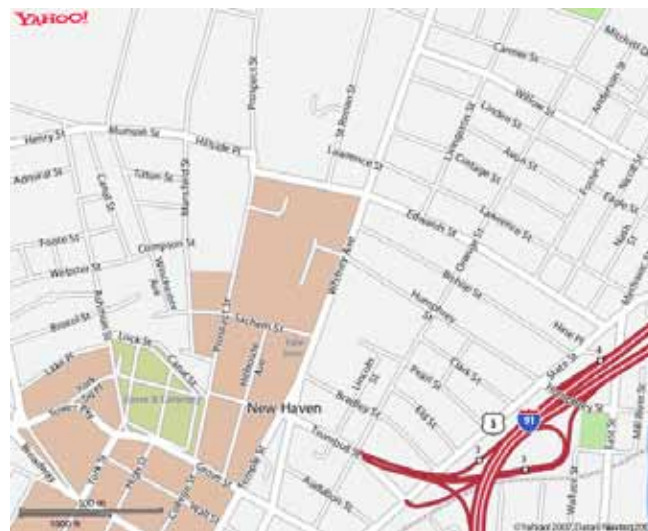
Please check off which Girls' Science Investigations sessions you would like to attend at this time.

- The Floating World
- The Electromagnetic World
- The Classical to Quantum Mechanical World
- The Extra-Terrestrial World

DIRECTIONS

From I-95 North or I-95 South
Take I-91 North in New Haven

From I-91 North or South
Exit I-91 North or South at Trumbull Street (Exit 3). At the end of the exit ramp, go straight through the first stop light continuing on Trumbull Street. Turn right at the next stop light, onto Whitney Avenue. At the second stop light, turn left into a large parking lot (just past the Peabody Museum). Lots 16 and 22 have free parking on the weekends. JW Gibbs Lab is the large aqua colored building at the west end of the lot. To get to Sloane Physics Laboratory, walk up the stairs on the right side of Gibbs. Sloane Physics Laboratory is located beyond Gibbs, just past the base of the tall tower (Kline Biology Laboratory).



Girls' Science Investigations
Physics Department, Yale University
P.O. Box 208120
New Haven, CT 06520

GIRLS' SCIENCE INVESTIGATIONS

AT YALE UNIVERSITY

Funded by the National Science Foundation



GIRLS' SCIENCE INVESTIGATIONS

GSI: New Haven

OUR MISSION

The mission of Girls' Science Investigations (GSI: New Haven) is to motivate, empower, and interest girls in developing the skills they need to pursue careers in science. University students and professors act as mentors and provide a context for exploring and understanding the various disciplines of science through hands-on activities in a laboratory environment. Through student scientific-engagement and parental awareness, Girls' Science Investigations strives to close the gap in science found between males and females today.

Inspiring the girls of today to shape the science of tomorrow.

WHAT IS GIRLS' SCIENCE INVESTIGATIONS?

Girls' Science Investigations is a free program open to girls in sixth, seventh, or eighth grade who are interested in learning more about science. Each theme-based program will take place at the Yale University Department of Physics. There will be four sessions for the 2008-2009 school year.

*Lunch will be provided at all sessions.

September 26, 2009
9:00AM-2:00PM

The World of Light

Did you know that there is a connection between a rainbow and your reflection in a mirror? You can produce your own 3D images and write secret messages that can only be read using certain colored filters. Learn about light and color through your own hands-on investigations. See how light can be used to make electric currents flow. Play with optical illusions and make your own puzzling pictures. There is lots of fun to be had with the light!

November 14, 2009
9:00AM-2:00PM

The Geophysical World

Shake, rattle, and roll is the action for today as we learn about the forces that move the earth's crust. Have fun with "Seismic Slinkies". Then, build an earthquake proof model house that can withstand the force of the Yale SHAKE table!

February 13, 2010
9:00am-2:00pm

The Electronic World

We use electricity every day, but do you know what happens when you plug something into an outlet? Learn about electricity as we explore and invent games with electric circuits that you can take home!

April 10, 2010
9:00am-2:00pm

The World of Sound

Did you know you can't hear anything in space? Do you know how your ear works to hear things? Learn why and more! See the same sounds you hear on an oscilloscope!

**All sessions are aligned to the
CT Standards and Performances**

CHECK OUT OUR WEBSITE!

You can visit the Girls' Science Investigations website at:

www.yale.edu/physics/GSI/

The website includes information about the program, a girls' area, resources for parents and teachers, and a list of great science books and experiments that can be done at home!

REGISTRATION INFORMATION

Unfortunately, space is limited so you will need to register if you wish to attend the program. There are three ways to register for Girls' Science Investigations.

1.) Fill out the form on the back of this page and mail it to:

Girls' Science Investigations
Physics Department, Yale University
P.O. Box 208120
New Haven, CT 06520

(A printable form is also available on our website. Click on "About the Program" and scroll down to Registration Information.)

2.) E-mail the registration information to:
gsi_newhaven@hepmail.physics.yale.edu

3.) Call (203)-432-0569 and leave a voice message with the registration information.