



San Luis Obispo Botanical Garden

Our Mission is to honor and preserve our connection with nature

Upcoming Events

www.slobg.org/events-classes

Saturday, June 27

Sustainable Seas

1 PM to 2 PM

Saturday, June 27

Kid's City Farm Day

10 AM to 2 PM

Save the Date!

Mon-Fri, July 13-17

Kids' Adventure Camp

10 AM to 3 PM

Saturday, August 8

Ancient Trees: Bristlecones

1 PM to 2 PM

Saturday, August 15

Kids' Butterfly Book Making

1 PM to 2:30 PM

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Photo by SLOBG



Photos by Rikki Grober-Dunsmore and NOAA

Sustainable Seas: All About Marine Protected Areas (MPAs) with Director of CA MPAs Program, Dr. Rikki Grober-Dunsmore

Saturday, June 27 from 1-2 PM

Dive in and learn about an exciting new network of special underwater protected areas along the California coastline. In 2012, California became an international leader in ocean conservation by completing the first statewide network of 124 marine protected areas (MPAs) in the United States. Just as the nation's parks, forests and wilderness areas protect special places on land, California's marine "parks" safeguard our underwater wildlife and restore marine ecosystems, ensuring the oceans bounty and beauty remains for future generations to enjoy. Learn about these special areas off our coast, and how to get out there and enjoy them. Presentation is followed by a free docent-led tour in the Garden at 2 PM.

Presentation is **\$5 for Garden members/\$10 public**. For more info visit slobg.org/MPA.

As Director of the California Marine Protected Areas (MPAs) Program for the California Marine Sanctuary Foundation, Dr. Rikki Grober-Dunsmore works with communities, businesses, non-governmental organizations, foundations, academic institutions and government agencies to help implement the state's Marine Life Protection Act. Rikki holds a Master's degree from Duke University and a Ph.D. at the University of Florida. With a portfolio of more than 50 publications addressing a range of topics, her research has focused on marine conservation, particularly the use of science in marine resource policy development and implementation.

SLO County Parks charges a \$3 fee for parking April - September on weekends and holidays. Carpool and save!

Kid's City Farm Day: at CCG's City Farm, SLO

Saturday, June 27, 10 AM to 2 PM

Get more hands-on gardening experience! Learn where some of your favorite summer-time foods come from as we plant a Three Sisters Garden, sunflowers, tomatoes, peppers and pumpkins in this new children's garden in SLO.

Directions: SLO City Farm is the "farm along the freeway" between Madonna Road and Los Osos Valley Road exits. Due to LOVR construction it is recommended to take the back entry to the farm on Madonna Road by turning into where it says "Zapata Farms." Follow the dirt road to the right through the grove of eucalyptus trees to the end and drive along the farm road to where you'll find a couple of small sheds in the middle. You'll see colorful flags. Please bring your own hat, glove, shovel, water, close-toed shoes and snacks. More info and map at slobg.org/kids.



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Photos by SLOBG

Kid's Adventure Camp: Explore your World Monday - Friday July 13-17, 10 AM to 3 PM

Play, Explore and Investigate the Natural World! Enjoy the outdoors and explore the natural environment through hikes, gardening, art, music, science experiments, live animals and other hands-on activities. Campers will discover the relationship between plants and people. Snacks are provided. Please bring a bagged lunch. Extended-day drop off and pick up is available. For kids grade 2-6.

Camp is **\$150 for Garden members / \$175 public**. Visit www.slobg.org/camp for more info, registration and scholarship documents.

Garden Phenology and the Changing World by Marti Rutherford, Volunteer

The science of phenology studies the seasonal cycles in nature, such as when flowers bloom, insects hatch, and birds migrate. The status of plants and animals is closely linked to climatic and ecological variables. Documenting the plant phases provides a way to study how living systems function in response to climate changes. The interrelationships in nature are complex and phenology will help us understand them better.

The San Luis Obispo Botanical Garden is a participant in the California Phenology Project (CPP). For almost three years volunteers have been gathering data to document the phenological phases of specific plants. The phases being observed vary somewhat depending on the type of plant. For example, observing the *Quercus agrifolia* includes watching for breaking leaf buds, young leaves, flowers or flower buds, open flowers, pollen release, fruits, and ripe fruits.

The CPP is a collaboration between the National Park Service, the University of California Santa Barbara, and the National Phenology Network. It's a great example of "citizen science", where large quantities of data are obtained through the efforts of numerous volunteers throughout the country. By using citizens, larger volumes of data can be obtained than would be impossible to collect by scientists alone. The CPP offers citizen scientists the use of a simple checklist that can be completed without specialized training, which opens the project up to a huge variety of people—whether they can help for a day or for a year. All the data is funneled back to researchers at UC Santa Barbara, where it is added to a growing database managed by the National Phenology Network.

For more information about the California Phenology Project visit www.usanpn.org/cpp/. Want to get involved? Check out www.usanpn.org/natures_notebook to become a nature observer!



Photos by Ron Kindig