

# Big Sky Institute Summer 2010 Big Sky Events

## Big Sky Institute Camp: The Nature of Big Sky

*Scientific exploration of Big Sky with an emphasis on soils, water, plants and animals! For youth going into grades 1 through 4.*

Wednesdays, June 16 through August 18

9:00 am - 12:00 pm

Location TBA, Big Sky

Cost varies. Registration required through Camp Big Sky ([bsccmt.org](http://bsccmt.org))

## Big Sky Institute Hike: Wildflowers

*Learn about spring's latest blooms during a naturalist-led hike in the Greater Yellowstone Ecosystem. Participants must wear sturdy hiking boots/shoes, carry water & rain gear, and bring their own lunch. Children of hiking age are welcome with a responsible adult.*

June 22

10:00 am - 1:00 pm

Teepee Creek Trailhead

Free (donations accepted)

Call 993-9355 to sign up (limit 12 hikers)

## Big Sky Institute Science Friday: River Ecology through Fly Fishing

**CANCELLED** *Learn about fish – where they live and what they eat – with MSU scientists and local fishing guides. Explore the stream, get your hands on aquatic insects, make fish prints and more. Montana State fishing regulations apply. If you want to fish you must have a MT fishing license. Children may fish if they are with a licensed adult.*

June 25

10:00 am – 4:00 pm

Big Sky Community Park Pavilion

\$25 per person, lunch included

Call 993-9355 to sign up

## Big Sky Institute Open House

*Help us celebrate our third year in Big Sky. Check out our wonderful local resources. Learn about new activities and projects taking place at BSI and visit with local staff and campus representatives. Vote on winners from our annual contest too (see <http://bsi.montana.edu/annualcontest3> for more information)!*

June 30

4:00 pm - 6:00 pm

BSI Office, Big Sky

Free and open to the public, refreshments will be served

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July 3

10:00 am - 1:00 pm

Location to be announced

Free (donations accepted)

Call 993-9355 to sign up (limit 12 hikers)

### **Big Sky Institute Soup, Salad & Science Dinner**

*Hear how MSU's chapter of Engineers without Borders is "connecting the dots through science" by working to provide clean water and education through service in Africa – and enjoy a great light summer meal while you are at it! Catered by Gourmet Gals.*

July 6

6:00 pm

Simkins-Hallin Showroom, Big Sky Town Center

\$30 per person

Call 993-9355 for tickets (limit 22 people)

### **Big Sky Institute Hike: Geology from the Top Down**

*Ever wonder what you're looking at when you gaze at the surrounding mountains? Learn the basics of geology and mountain-building during a naturalist-led hike in the Greater Yellowstone Ecosystem. Participants must wear sturdy hiking boots/shoes, carry water & rain gear, and bring their own lunch. Children of hiking age are welcome with a responsible adult.*

July 13

10:00 am - 1:00 pm

Location to be announced

Free (donations accepted)

Call 993-9355 to sign up (limit 12 hikers)

### **Special 3-Day Workshop: Digital Storytelling**

**CANCELLED** *MSU photographer Kyle Bajakian and the Center for Digital Storytelling ([storycenter.org](http://storycenter.org)) want to help you bring alive your stories of place and inspiration – the land you work, the watershed you study, the ridge you walk, the river you paddle. This three-day workshop offers a unique opportunity to tell your story – rooted in the GYE – through photos, music, and your own voice as you create a short digital video. Bring your vision to life during this special event.*

July 8 (afternoon), July 9 & 10 (all day)

River Rock Lodge Conference Room, Big Sky

\$795

Call 993-9355 for more information

## Community Education Partnership: Beginning Videography for Work and Play

*Handheld video cameras are all the rage, but what do you do with all that footage? Terry Beaubois, director of MSU's Creative Research Lab will lead you in an exploration of creative video-making and assist you in integrating your creations into your personal or professional life. Flip video cameras will be available for use. Mature children are welcome with a responsible adult.*

July 16

10:00 am - 3:00 pm

BSI Office

\$10 per person

Call 993-9355 for more information or to sign up

## Big Sky Institute Mountains & Minds Speaker

*Hear from MSU professor Steve Holmgren about his undergraduate exchange program. The program offers undergraduate students the opportunity to gain global perspectives about climate change by tackling research during a two-month summer institute in Norway.*

July 20

7:00 pm

BSI Office, Big Sky

Free (donations accepted), refreshments will be served

## Special 3-day Workshop: Wildlife Photography with Tom Murphy

*Get up close and personal – through your camera lens – with renowned wildlife photographer Tom Murphy ([www.tmurphywild.com](http://www.tmurphywild.com)). Tom will take you in the field and teach you how to photograph wildlife in Yellowstone National Park. Whether you are a beginner or a seasoned veteran with a camera, you are sure to learn something new.*

July 23 (evening), 24 & 25 (days only)

Location details to be announced

Call 993-9355 for more information

## Big Sky Institute Hike: Geology from the Ground Up

*Learn how geology influences soil and habitat development and get a handle on the ecological Big Picture in Big Sky during a naturalist-led hike in the Greater Yellowstone Ecosystem. Participants must wear sturdy hiking boots/shoes, carry water & rain gear, and bring their own lunch. Children of hiking age are welcome with a responsible adult.*

July 24

10:00 am - 1:00 pm

Location to be announced

Free (donations accepted)

Call 993-9355 to sign up (limit 12 hikers)

## **Big Sky Institute Science Friday: Germs, Bugs, and Fire: The Fate of our Forests**

*Join researchers from MSU and explore the forests of Andesite Mountain and Lone Peak to learn about forest ecology, including how tree diseases, invasive insects, and fire fit into the big picture. Children of hiking age are welcome with a responsible adult.*

July 30

10:00 am - 4:00 pm

Big Sky Resort

**\$30 per person, Big Sky adventure tickets included (details TBD); bring your own lunch**

Call 993-9355 to sign up

## **Big Sky Institute 5th Annual Evening Gala**

*Don't miss the event of the summer! Celebrate "Connecting the Dots Through Science", dine on the creations of By Word of Mouth's catering, and dance to the music of Montana Rose. A spectacular live auction raises money for BSI's local efforts. Every year is a sell-out so get your seats now!*

July 31

7:00 pm

BSI Property on Highway 191 (parking at Ophir School)

**\$100 per person**

Call Diane at 994-3274 to register

## **Science Adventures with the Big Sky Institute**

*Learn the thrill of science while exploring outdoors and designing and conducting experiments! Even take the opportunity to get started on next year's science fair project. For youth going into 5<sup>th</sup> through 8<sup>th</sup> grades.*

Mondays, August 2 through August 23

1 pm – 4 pm

Big Sky Community Park Pavilion

\$100

Registration required through Camp Big Sky ([bsccmt.org](http://bsccmt.org))

## **Big Sky Institute Hike: Habitat Discoveries**

*Learn to look deeper into surrounding habitats, understand why certain ecological signs are unique to specific habitats, and look for signs of life during a hike led by professional naturalist Denise Wade. Participants must wear sturdy hiking boots/shoes, carry water & rain gear, and bring their own lunch. Children of hiking age are welcome with a responsible adult.*

August 3

**10:00 am - 1:00 pm**

Location to be announced

Free (donations accepted)

Call 993-9355 to sign up (limit 12 hikers)

## **Big Sky Institute Mountains & Minds Speaker**

*Hear how BioRegions International Director Clifford Montagne “connects the dots through science” with his work in Mongolia and Russia. See a presentation from his latest trip to these exciting yet surprisingly familiar locales.*

August 3

7:00 pm

BSI Office, Big Sky

Free (donations accepted), refreshments will be serve

## **Big Sky Institute Hike: Leslie’s Choice**

*Explore with professional naturalist Leslie Stoltz as she takes you to one of her favorite places in the Greater Yellowstone Ecosystem. Participants must wear sturdy hiking boots/shoes, carry water & rain gear, and bring their own lunch. Children of hiking age are welcome with a responsible adult.*

August 14

10:00 am - 1:00 pm

Location to be announced

Free (donations accepted)

Call 993-9355 to sign up (limit 12 hikers)

## **Big Sky Institute Mountains & Minds Speaker**

*Learn about famous historical earthquakes in Montana and “connect the dots through science” to find out what we can learn about earthquakes around the world with MSU Provost – and earthquake engineer – Joe Fedock.*

August 17

7:00 pm

BSI Office, Big Sky

Free (donations accepted), refreshments will be served

## **Big Sky Institute Science Friday: Rafting Through Watershed Science**

*Learn about water quality and watershed science with MSU researcher and Blue Water Task Force director Kristin Gardner. Really “dive into it” with a half-day raft trip with Geysers Whitewater. Children welcome with a responsible adult. Thank you to Geysers Whitewater for offering us special discounted rates!*

August 20

10:00 am - 4:00 pm

Meet at Geysers Whitewater

\$30 per person, includes ½ day raft trip, bring your own lunch

Call 993-9355 to sign up (limit 15 people)