



**NATIONAL  
CONSERVATION  
LANDS**

# GRAND STAIRCASE-ESCALANTE NATIONAL MONUMENT



**GRAND STAIRCASE  
ESCALANTE**

National Monument

**20**  
YEARS

1996 - 2016

*Learning from the Land*

## 3rd Science Symposium Schedule of Evening Presentations & Field Trips

Evening Programs		Day 1 (August 2)				
Title	Presenter	Time	Location	Description		
A Tale of Two Reptiles: The Lost Landmass of Laramidia & the Origins of the Modern World	Dr. Joe Sertich, Denver Museum's Curator of Dinosaurs	7:00 pm	GSENM Kanab Visitor Center, 745 E Hwy 89, Kanab, UT	A prehistoric journey to the GSENM's dinosaur-filled past and learn how scientists are able to recreate ancient ecosystems from fossil discoveries made on GSENM in the present.		
Field Trips		Day 2 (August 3)		Weather Permitting		
Topic	Trip Leader	Time	Staging Location	Vehicle Required	Group Limit	Provided
Paleontology - Understanding the Significance of Rainbows & Unicorns	Dr. Alan Titus	10:00 am 2:30 pm	GSENM Cannonville Visitor Center 10 Center St. Cannonville, UT	4 Wheel Drive (4WD) Hi Clearance	25	Lunch
Geology - Take a Peek at Slot Canyons: Spooky, Peekaboo & Brimstone	Dr. David Loope	9:00 am 2:30 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	All-Wheel-Drive (AWD) Hi Clearance recom.; 4WD is best	12	Lunch
Microbiology - Microbial Wildlife: Nature's Smallest, Unpaid Engineers	Dr. Harry Kurtz	8:30 am 12:00 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	AWD HC recom.; 4WD is best	12	Snacks
Soils - From Jurassic Park to the Grand Staircase: Biological Crusts, in the Past, Present & Future	Mary O'Brien	9:00 am 4:00 pm	GSENM Cannonville Visitor Center 10 Center St. Cannonville, UT	4WD Hi Clearance	25	Lunch
Geology - The Cretaceous Tropic Shale Formation: Witness to Mass Extinction	Dr. Fred Zelt	8:30 am 6:00 pm	GSENM Big Water Visitor Center 100 Revolution Way, Big Water, UT	4WD Hi Clearance	12	Lunch
Botany - Escalante River Restoration	Dr. Mike Scott & Melissa Masbruch	8:30 am 12:30 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	2 Wheel Drive (2WD)	25	Lunch
Archaeology - Paleoecology, Ethnobotany & Life as the Anasazi Knew It	Robert D'Andrea	8:00 am 4:00 pm	GSENM Kanab Headquarters BLDG 669 South Highway 89, Kanab, UT	4WD Hi Clearance	12	Lunch
Biology - 650 Species of Gentle, Native Bees: GSENM is Beyond Beelief	Olivia Messinger Carrill	9:30 - 11:30 am	GSENM Big Water Visitor Center 100 Revolution Way, Big Water, UT	2WD	20	Snacks
Evening Programs		Day 2 (August 3)				
Title	Presenter	Time	Location	Description		
Take a Peek at Slot Canyons: Spooky, Peekaboo and Brimstone	Dr. David Loope, University of Nebraska Geologist	7:00 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	Fascinating look at how and why this bewildering maze of canyons formed along the Dry Fork of Coyote Gulch.		
The Darkest Skies of Them All: Grand Staircase-Escalante National Monument is the Universe's Showcase	Shannon Holt & Craig Tanner	7:00 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	Take a short jaunt beyond the city lights and peer into the night sky to see the marvels of the Milky Way. Telescopes will be provided. Please leave white light flashlights, cell phones, or tablet devices with night sky apps at home, but bring something comfortable to sit on.		
Evening Programs		Day 3 (August 4)				
Title	Presenter	Time	Location	Description		
Are There Really More Than 70 species of Penstemon in Utah?	Dr. Mikel Stevens, Professor of Genetics & Biotechnology, BYU	7:00 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	A captivating examination of Dr. Steven's research and development of new cultivars of Utah's abundant Penstemon flowers.		
Monumental Sense of Place: Grand Staircase Region Recreation Experience Baseline Study Focus Group	Dr. Tim Casey, Professor of Political Science at Colorado Mesa University	7:00 pm	Escalante Interagency Visitor Center, 755 W Main Escalante, UT	The BLM invites you to join the conversation about recreation management in Grand Staircase-Escalante National Monument accessed by Highway 12 and Burr Trail Road.		

Grand Staircase-Escalante National Monument-related materials (published papers, theses, and oral histories) are digitally archived in Southern Utah University's Gerald R. Sherratt Library at <http://archive.li.suu.edu/archive/search?s=1571672517&t=d>. Please contact GSENM for further details.



**Information: 435-644-1200**

Photo: [www.jt-fineart.com](http://www.jt-fineart.com)