

*"There are stories on the canyon's edge;
Stories told in the rocks,
Stories told by the rivers,
And stories left behind by the ancient ones.
The landscape of the Colorado Plateau
Has a rich narrative.*

*A story keeps things known...
To ask a question and find a story
In an episode of earth
Is to remember who we are."*

-Terry Tempest Williams
The Canyon's Edge



Photo left and cover photo by Norm Shreursbury

CANYONLANDS FIELD INSTITUTE
P.O. Box 68 • Moab, Utah 84532
801-259-7750

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Canyonlands ED Ventures

- **Natural & Cultural History Seminars and Trips**
- **Photography Workshops**



CANYONLANDS FIELD INSTITUTE
1989



Photo by Pete Houdeshel

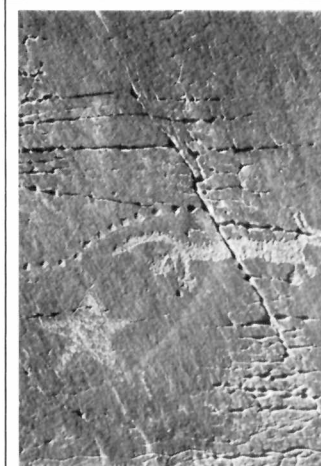


Photo by Karla VanderZanden

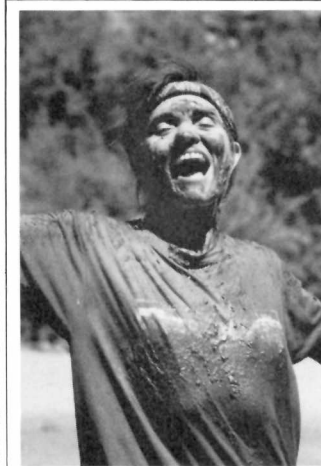


Photo by Norm Shreursbury



Photo by Karla VanderZanden

HERE ON THE COLORADO PLATEAU, stories are written everywhere. Words and pictures are etched brilliantly on the land. Turn the pages slowly ... each one has its own secret: the sandrock pothole, the canyon wrensong, the sheltered kiva, the alpine flowercarpet, the historic rivertrail, the arched finstone.

THIS IS ALSO A PERSONAL LAND. It will become a part of you. You will never forget it. The myriad moods of a desert year. The people who have lived here ... before us and with us ... who have seen the country in different ways. And it prompts questions to which we must find answers in our time.

Learn to read these stories with **CANYONLANDS FIELD INSTITUTE**. It's why we're here: "to keep things known".

We plan our **CANYONLANDS EDVENTURES** carefully, for small groups of 10 to 15 people, where friends are easily met and your interests are important. Our instructors are professionals; interested in their subject matter and its place in the bigger picture. University credit is available for many seminars. We devote great attention to bringing the right elements together for a memorable experience.

This is Canyonlands Field Institute's Fifth Anniversary Season. This is also the Twenty-fifth Birthday of one of our neighbors, **CANYONLANDS NATIONAL PARK**, for which we have great affection.

Come to canyon country in this anniversary year and celebrate with CFI! In these pages, you'll find a great variety of programs:

**ONE DAY SEMINARS
MULTI-DAY SEMINARS
SPECIAL VAN TOURS
BACKCOUNTRY TRIPS
PHOTOGRAPHY WORKSHOPS**

Don't tarry too long if you like the looks of a program. Some of them fill up very fast. Call us (801-259-7750) if you would like more information.

COME "READ" THE CANYON COUNTRY WITH CFI!

Robin Wilson

Robin Wilson
Executive Director

Karla VanderZanden

Karla VanderZanden
Director of Programs

CANYONLANDS FIELD INSTITUTE is an educational, non-profit organization associated with Professor Valley Ranch near Moab, Utah. Bates Wilson and his family came to the ranch following his retirement from the first superintendency of Canyonlands, the area he guided to national park status. His respect for the natural world was equaled only by his pleasure in introducing people to it, sharing dutch oven meals over desert campfires. CFI continues this legacy.

We maintain a small office in Moab, Utah, visit Professor Valley Ranch for many field excursions, and look toward establishing a permanent facility on the property.

ONE DAY SEMINARS

For those who requested shorter, in-depth field seminars to fit busy schedules, we offer ONE DAY SEMINARS on weekends. Transportation to sites is by van or by shared car-pool. Fees cover instruction, materials and park fees. Participants bring their own lunches except as noted. Plan on a FULL day!

COLORADO RIVER EAGLE FLOAT

FEBRUARY 25
Mr. Miles Moretti — Mr. Ron Ryel — Mr. Joe Cresto 1 Day

In it's 5th year, our annual Eagle Float rafts a calm stretch of the Colorado River, crossing the Colorado-Utah state line. This early season river trip reveals a world rarely witnessed: numerous wintering bald and golden eagles and flocks of waterfowl. Weather can be cold but sunny. Observations will be incorporated into ongoing resource agency eagle studies. Trip begins and ends in Loma, Colorado. Raft outfitting by Sheri Griffith River Expeditions.

Miles Moretti is the Regional Nongame Biologist for the Utah Division of Wildlife Resources based in Price, Utah. **Ron Ryel** is a consulting Systems Ecologist based in Logan, Utah and teaches ornithology courses for CFI. **Joe Cresto** is a Wildlife Biologist for the Bureau of Land Management involved in Colorado River eagle counts and nest monitoring for the past five years.

FEE: \$60.00 (deposit: \$20.00)
INCLUDES: Full day raft trip, lunch and snacks, return transportation to Loma, Colorado.

MOAB ANASAZI: PEOPLE ON THE EDGE

APRIL 22 and SEPTEMBER 16
Mr. Bruce Louthan 1 Day

In this remote corner of the high desert, the prehistoric Anasazi staked their farthest northern settlements. Distance from cultural centers led to intriguing adaptations in life style. Short drives and hikes will examine rock art, lithics and masonry styles typical of Pueblo II and earlier occupations. One undergrad credit available.

Bruce Louthan is the District Archaeologist for the Bureau of Land Management in S.E. Utah, holds a Masters in Archaeology, and has been an enthusiastic instructor for university extension and CFI anthropology courses for many years.
FEE: \$35.00 (deposit: \$10.00)

DESERT WEATHER: MICRO AND MACRO

APRIL 23 and SEPTEMBER 30
Mr. Harvey Neuber 1 Day

From scorching temperatures of summer to winter's bitter cold, how do plants and animals cope with such extremes? Learn about weather patterns on the Colorado Plateau and the importance of microclimates in determining where organisms live. Morning classroom sessions and afternoon field work cover principles of heat and energy exchange, methods for meteorological measurements, short range forecasting and cloud identification. One grad credit available.

Harvey Neuber is a consulting meteorologist and application specialist in the field of environmental assessment. He holds a masters in Soil Science/ Biometeorology from Utah State University and has taught both high school and college courses.

FEE: \$35.00 (deposit \$10.00)

BIRDS OF THE COLORADO RIVER WETLANDS

MAY 7
Mr. Ron Ryel 1 Day

Many bird species migrate through the Colorado River marshlands each spring. Colorful warblers fill the lush stream canyons with song; endangered peregrine falcon haunt sheer red cliffs. Learn to identify common bird species in varied habitats, discuss avian adaptations and visit a Heron rookery. One undergrad credit available.

Ron Ryel is a consulting Systems Ecologist based in Logan, Utah and is a highly praised field instructor. He has done research in ornithology, mammology and fisheries in Utah and Alaska.

FEE: \$35.00 (deposit: \$10.00)

POTHOLE ECOLOGY

MAY 13 and SEPTEMBER 23
Dr. Tim Graham 1 Day

Potholes (pools of water in the sandstone) harbor tiny plants and animals. Field studies examine these fascinating lifeforms and their adaptive strategies and interactions. Physical and chemical influences that effect distribution of organisms in different pools are identified. Pothole succession, human impact and effects on larger desert systems are discussed. One grad credit available.

Tim Graham is a desert ecologist involved in resource management with the National Park Service in Canyonlands. He is an experienced researcher who also teaches annual field courses on Colorado Plateau ecology.

FEE: \$35.00 (deposit: \$10.00)

LIZARDS OF ARCHES NATIONAL PARK

MAY 14
Ms. Alice Drogin 1 Day

Spring is for redrock lovers and leaping lizards! Nine species of lizards can be observed at Arches in diverse habitats. Learn to identify lizards using field marks and behavior, discuss adaptations to desert environment and maximization of resources in each species' habitat. Opportunities for herpetological photography, too!

Alice Drogin worked six years as ranger/naturalist at Arches National Park. She compiled and illustrated Reptiles and Amphibians of Arches National Park and makes ongoing contributions to other publications of the Canyonlands Natural History Association. Alice has been a popular CFI instructor with both student and adult groups.

FEE: \$35.00 (deposit \$10.00)

WRITING FROM NATURE IN ARCHES

MAY 20
Mr. C.L. (Chip) Rawlins 1 Day

Whether privately in journals or letters, or publicly in books and articles, writers find nature a primary source. On a walking trip in Arches National Park, participants learn to observe nature and discuss the varieties of nature writing ---from hard science to haiku--- and take time to write. One grad credit available.

Chip Rawlins has published award winning poetry, fiction and numerous articles, during his varied careers as cowhand, guide, editor and hydrologist. He received the distinguished Stanford University Stegner Fellowship and is described as "that odd combination of book learning and bareback riding".

FEE: \$35.00 (deposit: \$10.00)

DISCOVER NATURE WITH YOUR CHILDREN

For adults with 5-10 year olds

MAY 20 and SEPTEMBER 16 1Day

Share the joys of discovering animals tracks and stream life, and expanding your senses with your child-friends. This half day workshop uses guided investigations and structured games to explore simple ecology concepts along a canyon stream. Joseph Cornell's *Sharing Nature With Children* will be used as reference. Instruction will be by a naturalist-guide from Canyonlands Field Institute, experienced in working with children outdoors.

FEE: \$18.00/adult and \$2.00/child (deposit: \$10.00)

LITERARY LANDSCAPES OF CANYONLANDS

MAY 21
Dr. Michael Cohen 1 Day

Island in the Sky, Canyonlands National Park: a lyrical name and place to "see" the landscape through the perspectives of various 19th and 20th century western writers. Short walks, readings and discussions highlight the works of John Wesley Powell, Clarence Dutton, Wallace Stegner, Edward Abbey and others. Then take time to look and write in your own words. One grad credit available.

Michael Cohen is a Professor of English at Southern Utah State College. His publications include *The History of the Sierra Club: 1892 to 1970 and The Pathless Way: John Muir and American Wilderness*.

FEE: \$35.00 (deposit: \$10.00)

SALT-SQUEEZE GEOLOGY

OCTOBER 7
Dr. Hellmut Doelling 1 Day

Underlying salt formations have modified the typical Colorado Plateau land-forms. On a van tour with short hikes, learn rock formations and see salt-induced geologic structures well exposed along Professor and Fisher Valleys up the Colorado River from Moab. Featured is the colorful Onion Creek "diapir", truly fascinating and one of the best exposed in the world. One grad credit available.

Hellmut Doelling is senior Geologist with the Utah Geological and Mineral Survey where he heads the geologic mapping program. He has "worked" the Plateau country during much of his professional career, and authored the Arches National Park geologic map.

FEE: \$35.00 (deposit: \$10.00)

DINOSAUR TRACKING

MAY 6 and OCTOBER 14
Dr. Jim Madsen 1 Day

Imagine a prehistoric landscape of swamp, bog, and forest where desert dunes and sandstone spires are today. On van tour and short hikes, learn about the Age of Dinosaurs in Eastern Utah. See bones from four different dinosaurs and petrified trees exposed in actual outcroppings. Life histories, overview of dinosaur collecting and geologic history of Jurassic Period covered. One undergrad credit available.

Jim Madsen, recently retired as State Paleontologist for the State of Utah. He is currently with Dinolab in Salt Lake City and is involved in ongoing research projects.

FEE: \$35.00 (deposit: \$10.00)



Photo by Norm Shreusbury



Photo by Karla VanderZanden



Photo by Norm Shreusbury



Photo by Norm Shreusbury



Photo by Lucy Barrett

MULTI-DAY SEMINARS

For the biologist, teacher, writer, or skywatcher in YOU we offer an exciting array of extended seminars to enrich your leisure time or further your professional expertise. Please note that arrangements vary for each offering.

DESERT WILDFLOWERS WORKSHOP Identification and Illustration

MAY 12(eve) — MAY 14 and MAY 26 (eve) — 28 1 Evening 2 Days
Ms. Lee Goodman

The "Desert in Bloom" is unforgettable, with a suprising variety of colors, forms and fragrances. Day outings in Arches National Park and nearby areas focus on wildflower identification with emphasis on adaptations and habitats. Optional sketching exercises help develop an eye for structure, function and beauty. Artistic talent is not necessary! One undergrad credit available.

Lee Goodman, a botanist, researcher and field educator, is working on an illustrated Flora of Canyonlands, which she has been researching in Utah's backcountry. Former participants of this workshop praise Lee as a most inspiring and exceptional teacher.

FEE: \$85.00/person (deposit: \$25.00)
INCLUDES: Instruction and materials. Participants bring own lunches, car-pool and arrange overnight accommodations.

ESPECIALLY FOR TEACHERS AND NATURALISTS

TEACHING ABOUT THE NATURAL WORLD

JUNE 28-30
Ms. Karla VanderZanden — Mr. Tony Valdes 3 Days, 1 Evening
Ms. Heather Welker

Get WILD about your teaching! This fifth annual workshop promises to invigorate and revitalize your OWN interest in the natural world, while you practice using the outdoors and wildlife/forest themes to teach science, math, social studies or the humanities. Day sessions are held at Pack Creek Ranch. There will be trips to Arches National Park and a subalpine lake for an overview of Colorado Plateau ecology and geology. Optional outings include a mountain wildflower walk and Colorado River raft trip. Spouses are welcome and a "Discovery Program" for participants' children is offered. Three grad credits available.

Karla VanderZanden is Director of Programs for CFI with a masters degree in Outdoor Education and extensive experience in field study design and teacher training. **Tony Valdes** has worked with forest and rangeland management for the U.S. Forest Service in Utah and Washington state. He is recognized for his achievements in resource education. **Heather Welker** is Information and Education Manager for the Utah Division of Wildlife Resources. She holds a masters in Wildlife Biology and previously worked as a Biologist for the Division and private industry. This instructional team is back by popular demand!

FEE: \$145.00 (full registrant) \$60.00/spouse (deposit: \$50.00 full, \$15.00/spouse)
INCLUDES: Instruction, materials, snacks, lunches, social hour, trip transportation and evening attendance at *The Canyon's Edge* slide presentation. Participants make own cabin, camping or motel arrangements. Optional outings. Youth Discovery Program and credit additional.
REQUEST SPECIAL "TEACHING" REGISTRATION PACKET

SEE ALSO "ACTIVE EYE: POLAROID TEACHER'S WORKSHOP" under PHOTOGRAPHY WORKSHOPS

DESERT WRITER'S WORKSHOP

OCTOBER 19 (eve) - 22 3 Evenings, 3 Days
Dr. William Stafford — Ms. Terry Tempest Williams
Mr. Tony Hillerman (tentative)

Poetry, Fiction and Creative Nonfiction workshops highlight this three day weekend at Pack Creek Ranch. Fall is the perfect time to enjoy canyon country while working with inspirational instructors whose own writings reflect upon the western landscape. Participants elect to work with one instructor in small class sessions. Workshop includes faculty and student readings, individual consultations with instructors and optional naturalist guided hikes. Two grad credits available.

William Stafford, award winning poet and Professor Emeritus at Lewis and Clark College, Portland, Oregon, explores the meanings found in human interaction with the natural world, most recently in *An Oregon Message* (1987). **Terry Tempest Williams** is a naturalist and writer who specializes in creative nonfiction, Navajo themes, and personal relationships with the natural world. Currently she is working on a book about the Great Salt Lake, Refuge. **Tony Hillerman's** mystery novels capture the essence of the "Four Corners" country, as in his recent bestseller, *Thief of Time*. Winner of the Navajo Nation's Special Friend Award.

FEE: \$195.00 (deposit: \$60.00)
INCLUDES: Instruction, materials, lunches, readings and receptions, half day hikes with transportation. Participants arrange for cabin, camping or motel accommodations. REQUEST SPECIAL DESERT WRITERS REGISTRATION PACKET.

TEACHING ABOUT THE NIGHT SKY

JULY 1-2 JULY 29-30 2 Days, 1 Night
Mr. Von Del Chamberlain

Take advantage of warm evenings, and "open spaces" to learn more about our universe and techniques for teaching astronomy adaptable to any grade level. Bring binoculars and telescopes (if you have them) for star, planetary and lunar observation session (an "all nighter"). Identify major stars and constellations, use star charts, and learn native stories interpreting the stars and cosmos. One grad credit available.

Von Del Chamberlain is the Director of the Hansen Planetarium in Salt Lake City and a creative outdoor instructor. He formerly worked as Chief of Presentations and Astronomer at the National Air and Space Museum.

FEE: \$95.00/person (deposit: \$30.00)
INCLUDES: Instruction, materials, a midnight meal and breakfast.

ECOLOGY OF THE COLORADO PLATEAU

JULY 31-AUGUST 6 7 Days, 6 Evenings
Dr. Tim Graham

Co-sponsored by The Heritage Institute and Antioch University, this intensive course examines plant and animal adaptations to desert climates and the effects of physical processes on land and life. Designed for science teachers or serious ecology students, the course uses day trips by vehicle and short hikes during morning and evening hours to explore Arches and Canyonlands National Parks, the Colorado River and "island" mountains. Plant identification, small mammal live trapping, scientific readings, sampling methods and field projects are employed. Five grad credits available.

For **Tim Graham's** biography, see *POTHOLE ECOLOGY*

FEE: Heritage Institute tuition and \$185.00 special CFI fee
(\$250.00 5 grad credits; \$225.00 400 level credits;
\$153.00 Audit) (deposit: \$60.00 to CFI)

CFI FEE INCLUDES: Equipment, materials, lunches and one dinner, 1 day Colorado River raft trip with Sheri Griffith River Expeditions, park fees, trip transportation from Moab, and *The Canyon's Edge* slide production. Participants arrange own camping, RV or motel accommodations.

SPECIAL VAN TOURS

CFI is delighted to once again work with widely recognized experts who graciously share their experiences, knowledge and insights on the these special trips on the Navajo and Hopi Reservations. The three and four day itineraries have been carefully planned with an eye for “not your standard tour” experiences (be prepared for the unexpected!) The tours employ comfortable van travel and quality motel accommodations. Some special meals are included; most are no-host at cafes except for superb chuckbox lunches CFI prepares each day.

THE HOPI

MAY 12 (eve)-MAY 14 2 Days, 3 Nights
Mr. Barton Wright – Mr. William J. Breed

In the company of two noted authorities, visit the Hopi Reservation in Northern Arizona for geologic overview of the Colorado Plateau, and discussions on influence of landforms on lifestyles, comparison of cultural traditions, Anglo influences and contemporary issues. Introductory dinner/lecture and first night in Bluff, Utah followed by a night on the Hopi Reservation, and return to Bluff via Canyon de Chelly National Monument. We will talk with tribal members, stop at Indian art and craft enterprises and attend a Hopi ceremonial dance if one is scheduled. Two undergrad credits available.

Barton Wright is a renowned Hopi scholar and Kachina expert. He was Curator of the Museum of Northern Arizona for 22 years and has authored numerous articles and books including *The Unchanging Hopi: An Artist's Interpretation in Scratchboard Drawings and Text*. **Bill Breed** is a sought-after leader of international natural history tours. He was Curator of Geology at the Museum of Northern Arizona for 20 years and has published maps and other works on Colorado Plateau geology.

FEE: \$435.00 (deposit: \$150.00)
INCLUDES: Instruction, materials, 3 nights motel lodging, 1 dinner, 1 breakfast, all lunches and snacks, transportation in roomy air conditioned van from Bluff. (Pre and post transport from Moab available.)

NAVAJO TRADING POSTS

SEPTEMBER 21 (eve)-24 3 Days, 3 Nights
Mr. Barton Wright – Ms. Nancy Shanaman

The “trader” has been an important economic and cultural bridge between Anglo and Navajo cultures since the late 1800's. Traditional trading posts, offering everything from fine Navajo rugs and jewelry to flour and infant formula, are rapidly disappearing from reservation life. Travel by van on paved and backroads to trading posts and homes in Monument Valley, Shonto, Navajo National Monument and Tuba City. Lectures cover Navajo history, lifeways, trading practices and influences. Begins and ends in Bluff, Utah; return to Bluff will be by noon the last day for those desiring to join our Grand Gulch trip that evening. Two undergrad credits available.

For biography on **Barton Wright** see **THE HOPI, Nancy Cottrell Shanaman** is Director of White Mesa Institute and a filmmaker. She is currently producing a film on trading posts on the Navajo Reservation and has contacted more than 50 traders during this past year while working on her film.

FEE: \$525.00 (deposit: \$150.00)
INCLUDES: Instruction, materials, 3 nights motel lodging, 1 dinner, 1 breakfast, picnic lunches, transportation in roomy air conditioned van from Bluff. (Pre and post transport from Moab available.)

BACKCOUNTRY TRIPS

Backcountry trips get you into the heart of the country by backpacking, boat or hiking with packstock support. CFI works with qualified and licensed outfitters and arranges for guest instructors to provide valuable insights into the culture or region visited. In all cases, logistics, meals, and guide services are included.

BACKPACK “SALT CREEK” CANYONLANDS NATIONAL PARK

APRIL 10-13 and OCTOBER 16-19 4 Days, 3 Nights

This hike, led by a CFI naturalist-guide, is appropriate for the novice backpacker. The one-way, downhill route through Salt Creek Canyon provides access to fabulous prehistoric Anasazi rock art and dwelling sites and a look at cowboy life past & present. Shuttles drop off group at trailhead near Cathedral Butte and pick up group in lower Salt Creek. Approximately 15 miles total are covered with packs through some brush and sandy trails, 1 day layover for side hikes, free time. Itinerary subject to change due to road conditions.

FEE: \$210.00 (deposit: \$70.00)
INCLUDES: Guiding, meals (menu input from participants), transportation, park fees. Pack, tent, and sleeping gear rentals available.

BACKPACK “THE NEEDLES” CANYONLANDS NATIONAL PARK

MAY 22-25 and SEPTEMBER 17-20 4 Days, 3 Nights

Join a CFI naturalist-guide in exploring the famous “Needles” District. Wind your way among sandstone spires, ridges, joints, fins and along canyons cut into the red-and-white banded Cedar Mesa Sandstone, Colorado Plateau geology is highlighted. Become acquainted with regional plants and animals and their adaptations for desert life. Trip is for novice or experienced backpackers; route covers approximately 25 miles altogether on rocky trails; about 15 miles with backpacks and 10 miles with day packs from a layover camp.

FEE: \$190.00 (deposit: \$70.00)
INCLUDES: Guiding, meals (menu input from participants), logistics, and transportation to trailhead, park fees. Gear rentals available.

GRAND GULCH ARCHAEOLOGY Hiking with Packstock Support

APRIL 16 (eve)-20 and SEPT. 24 (eve)-28 1 Evening, 4 Days, 3 Nights
Ms. Janet Pierson (April) and Dr. David Breternitz (September)

Long time canyon country outfitter, Ken Sleight and CFI team up to offer this special in-depth look at a showcase of Anasazi culture. Introductory seminar and special media presentation provide a vivid frame of reference for the trip. Hikers carry only light day packs while the packer follows at a distance or goes ahead to establish camp; plenty of time is spent exploring ruins and rock art. The route is mostly gentle grades along a stream, covering 5-6 miles/day. A shorter but steeper trail exits Bullet Canyon the last day. Grand Gulch Primitive Area is famous for colorful rock formations and cultural sites representing several stages of prehistoric developments. Our most popular trip!

Janet Pierson served as Chief Ranger at Grand Gulch and as an archaeologist for the Bureau of Land Management in SE Utah. She since completed a second degree in nursing and now works in administration for the National Park Service at Big Bend National Park. **David Breternitz** is Professor Emeritus in Anthropology at the University of Colorado. He was Principal Investigator of archaeological projects in Dinosaur National Monument, Mesa Verde and the Dolores River Valley.

FEE: \$50.00 CFI, \$400.00 Ken Sleight Expeditions, (total fee \$450.00 deposit: \$175.00)
INCLUDES: Instruction, *The Canyon's Edge* slide presentation, outfitting services including transportation to and from Moab and trip meals. Participants arrange own first night lodging.



Photo by Norm Shrewsbury

ANCIENT SKY WATCHERS: ARCHAEOASTRONOMY CANYON DE CHELLY and CHACO CANYON

SEPTEMBER 28 (eve)-OCTOBER 1 4 Days, 3 Nights
Mr. Von Del Chamberlain

The use of astronomy as a tool for understanding ancient people is providing exciting new insights into old cultures. Trip begins in Bluff, Utah then travels to Canyon De Chelly National Monument in Arizona which has both prehistoric sites and modern occupation by Navajos. Spend a full day in the canyon by jeep or easy hike with Navajo guide to see “star ceilings” in rock alcoves. Astronomical and cosmological features of hogans and sandpaintings will be discussed.

Travel to Chaco Culture National Historical Park in New Mexico on the third day. We will study various evidences of astronomy at Chaco, including a fine example of astronomical rock art. Up to 6 miles hiking included. Return via San Juan River Valley on Sunday and visit Anasazi sites. Two undergrad credits available.

Von Del Chamberlain is Director of The Hansen Planetarium. He formerly worked as Chief of Presentations and Astronomer at the Smithsonian Institution. Von Del's gracious, yet enthusiastic style of teaching and philosophical observations about the universe have been most appreciated by previous participants.

FEE: \$475.00 (deposit: \$150.00)
INCLUDES: Instruction, materials, 3 nights motel lodging, guide and park fees, transportation in roomy van from Bluff. (Pre and post transport from Moab available.)

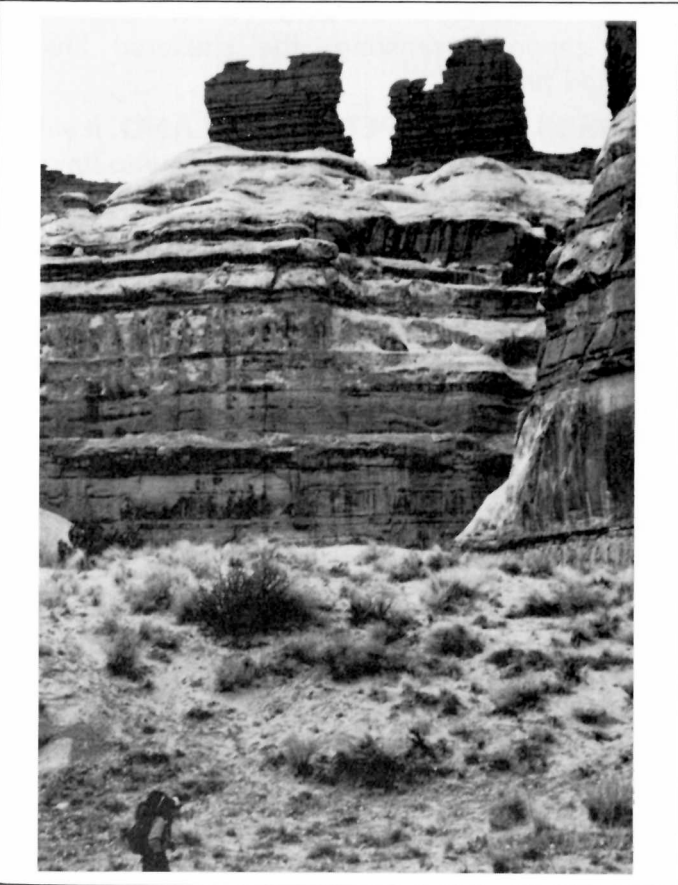


Photo by Norm Shrewsbury

WOMEN AND NATURE ON THE COLORADO RIVER Seminar and Raft Trip for women

AUGUST 7 (eve)-10 3 Evenings, 3 Days
Ms. Terry Tempest Williams

Join naturalist/writer Terry Tempest Williams for days well spent on the river in discussion of women and landscape. Ideas from Esther Harding's *Woman's Mysteries* and Norwood and Monk's *The Desert is No Lady* along with other female voices and their relationships to nature. Journal writing will be encouraged in correspondence with the natural history of the Colorado River. Trip begins and ends in Grand Junction, Colorado. Competent all-lady crew runs our powered and paddle rafts used on 40 mile stretch of both calm water in Horseshief and Ruby Canyons and half day of enjoyable rapids in famous Westwater Canyon. First time campers or those new to river life are welcome. Raft outfitting by Sheri Griffith River Expeditions. DCE credits available from Mesa State College.

Terry Tempest Williams is a writer and naturalist who specializes in Navajo themes, creative nonfiction and personal relationships with the natural world. She is author of *Pieces of White Shell*, Coyote's Canyon and currently working on a book about the Great Salt Lake, Refuge.

FEE: \$65.00 CFI and \$297.00 Sheri Griffith River Expeditions (total fee: \$362.00 deposit: \$125.00)
INCLUDES: Sunday evening introduction at motel, transportation to/from river, outfitting raft trip with meals, instruction and materials. Participants provide first night motel accommodations.

PHOTOGRAPHY WORKSHOPS

These workshops offer participants a chance to work with professionals who specialize in canyon country photography. Three introductory workshops are offered for those wishing to learn the basics of photography. The remaining workshops are designed for the intermediate to advanced photographer; familiarity with SLR, non-automatic cameras is a prerequisite.

Most workshops incorporate quality overnight film processing by WestLight Photography Studio in Moab. All photography workshops are limited to 10 participants and include van transportation and some picnic meals unless otherwise noted.

INTRODUCTION TO OUTDOOR PHOTOGRAPHY

APRIL 21 (eve)-23 and SEPT. 15 (eve)-17 2 Days, 2 Evenings
Mr. Norm Shrewsbury

For beginning 35 mm photographers or those wanting a comprehensive review, this workshop lays the groundwork for outdoor photography. Discussions and individual consultation cover metering, proper exposure, composition, and equipment selection. Course includes fieldwork in Arches National Park.

Norm Shrewsbury owns *WestLight Photography*, a commercial studio and lab in Moab, Utah. He does both commercial photography and photojournalism and has taught photography for the past 15 years. His work has appeared in the *Utah Geographic Series*, *High Country News* and in *Utah Travel Council* publications.

FEE: \$125.00 (deposit: \$50.00)

INTRODUCTION TO BLACK AND WHITE LANDSCAPE PHOTOGRAPHY

APRIL 14 (eve)-16 and SEPT. 8 (eve)-10 2 Days, 2 Evenings
Mr. Steve Mulligan

Patterns created by rock, wind and water in the desert landscape inspire esoteric photographers. This workshop provides a basic understanding of the properties of black and white film and papers. Class sessions include an introduction to basic zone system, portfolio critique and shooting in Arches National Park.

Steve Mulligan works in both black and white and color. *Steve's black and white fine art photography* has been exhibited at Utah Museum of Natural History in Salt Lake City and Neal Smith Gallery in Denver, Colorado. His one man exhibitions include *The Total Gallery* in Houston, Texas, *The Colorado Photographic Arts Center* in Denver, Colorado, and *The Santa Fe Center for Photography* in Santa Fe, New Mexico.

FEE: \$125.00 (deposit: \$50.00)

ACTIVE SEEING: POLAROID TEACHER'S WORKSHOP

JUNE 26-27 2 Days
Mr. Bruce Hucko

Through the use of Polaroid Instant Photography, this workshop explores visual imagery with an emphasis on the application of visual thinking to the learning process. In classroom sessions and field work in Arches National Park, participants learn to increase their own visual perception, and develop student curriculum projects in natural science and art using polaroid. Subsidy program for school camera purchases discussed. One grad credit available.

Bruce Hucko is a freelance photographer and arts educator. For 10 years, he has worked with Navajo children in art and photography. His portfolio of portraits and reservation life has been exhibited nationally. Bruce is currently photographer for the Wetherill Project, locating and documenting Anasazi artifacts removed from S.E. Utah in the late 1890's.

FEE: \$95.00 (deposit: \$30.00)
INCLUDES: Instruction, camera use, field snacks, transportation, park fees. Participants provide own film. Limited to 20 participants.

WINTER LIGHT PHOTOGRAPHY IN CANYONLANDS

FEBRUARY 18-19 2 Days
Mr. Tom Till

Patience is necessary in dealing with nature's dynamic moods. White snow on red rocks, distant storm fronts, and soft light create artistic opportunities for canyon country photographers in winter; often sunny February days make outdoor photography enjoyable. Improve your skills in 35 mm or large format photography. Classroom and short field sessions emphasize lighting, composition and special problems of slickrock imagery.

Tom Till is a widely recognized American landscape photographer. Tom has been a popular instructor for Canyonlands Field Institute for 5 years. He is author of *Colorado: Images from Above*, an aerial portrait of the state, and *Outcroppings*, a collaboration with author John McPhee. His third book, *Utah: Magnificent Wilderness* will be published in May, 1989.

FEE: \$100.00 (deposit: \$50.00)

ANASAZI: ART AND ARCHITECTURE HOVENWEEP NATIONAL MONUMENT

MAY 12-14 3 Days, 2 Nights
Mr. Bruce Hucko

This photographic adventure examines the relationship between the designs of nature and the building design of the prehistoric Anasazi Indians. As photographers, how can we best express the work and spirit of the Anasazi? Using elements of form, color, rhythm, light and shadow, integrate prehistoric sites as part of a landscape of slickrock, sage plain and distant blue peaks. Workshop originates in Blanding, Utah with museum visit. Site interpretation and photo work sessions at Hovenweep follow. Participants must be in good physical condition for 3-5 mile hikes and provide own transportation, meals, car camping gear. One grad credit available.

For biography on **Bruce Hucko**, see **ACTIVE SEEING: POLAROID TEACHER'S WORKSHOP**.

FEE: \$150.00 (deposit: \$50.00)

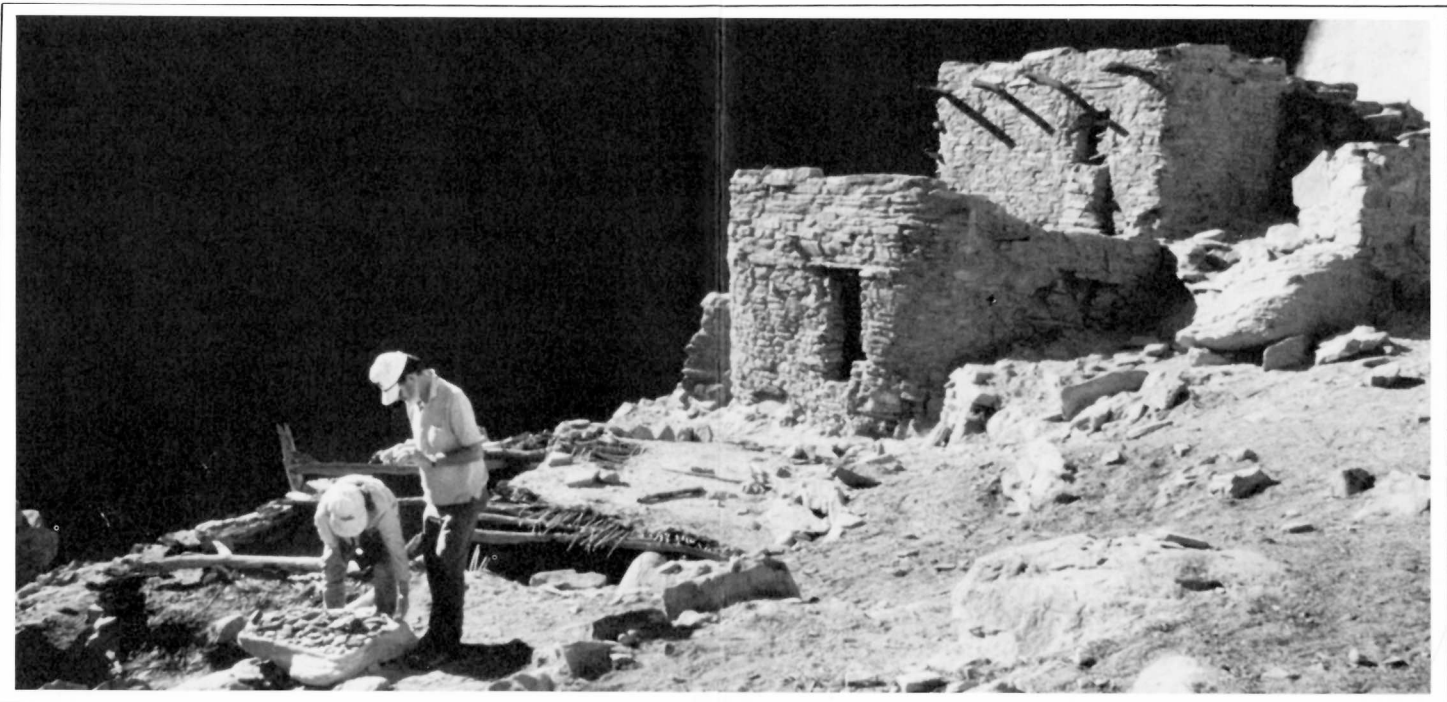


Photo by Norm Shrewsbury

ALSO BY CFI

STUDENT AND SPECIAL GROUP PROGRAMS

Contact CFI about student field courses or about arranging a special evening, day, or extended trip for your family, club or business group.

GEOWHIZ DAY CAMP

Morning outings for 6-10 year olds are planned for summer 1989. Children can sign up for just one day or all sessions. Cost is \$6.00/child/day which includes naturalist-guide, transportation to sites near Moab and snack. Dates are: Session I July 5-7; Session II July 11-13; Session III July 18-20.

NATURALIST GUIDED WALKS

Guided walks in the National Parks or nearby wild areas can be arranged in advance. Rates are dependent on group size. Half Day: 6-15 people \$8.00/person; 4-5 people \$12.00/person; 2-3 people \$20.00/person; 1 person \$40.00. (50% discount for children.) Full Day: 6-15 people \$16.00/person; 4-5 people \$24.00/person; 2-3 people \$40.00/person; 1 person \$80.00. (50% discount for children.) Two week notice required to schedule naturalist.

NATURALIST GUIDED BACKPACKING

Spring and fall months are perfect for exploring the canyons on foot with someone who really knows the country. CFI works with individuals or small groups to meet their interests and abilities. Treks range from very easy to difficult with food and logistics personally arranged by the naturalist-guide. Rentals are available for tents, packs and sleeping gear. Rates are: 9-12 people \$50.00/person/day; 4-8 people \$55.00/person/day; 2-3 people \$85.00/person/day; 1 person \$150.00/day (partial days count as whole days for fees). Trailhead transportation included.

RIVER SAFETY AND RESCUE SEMINARS

CFI offers River Safety and Rescue I and II each spring at Westwater Canyon on the Colorado River. Techniques for high volume flow rivers are emphasized. 1989 dates are April 14-16 and April 28-30 (Level I) and May 5-7 (Level II). Cost is \$185.00 including meals and support services. Courses are of interest to professional guides, private boaters, law enforcement, government and emergency personnel.

ELDERHOSTEL

Yearround, CFI sponsors weeklong Elderhostel programs for persons over sixty years of age. Elderhostel weeks either base at motel, guest ranch, RV Park facilities or campout in the backcountry depending on the program. Academic courses are similar to our other EDventures. Information and registration is obtained DIRECTLY from Elderhostel, 80 Boylston Street, Suite 400, Boston, MA 02216.

GENERAL INFORMATION

LOCATION

The Canyonlands are located in SE Utah, just one day's drive from Grand Canyon, Bryce and Zion, and Mesa Verde National Parks. Most CFI program trips start and end in Moab, Utah which is located just south of I-70 and is two hours driving from a major airport in Grand Junction, Colorado and thirty minutes from an Amtrak station in Thompson, Utah.

OUTFITTERS

ED Ventures that include raft or horse trips use experienced outfitters that operate under permits granted by federal land managing agencies. Outfitters are listed by trip.

PROGRAM OUTLINES AND FURTHER INFO

More detailed information regarding the nature of each program is available several months prior to its starting date. We are eager to answer any questions you may have. We can put you in touch with the guest instructor or outfitter if there are questions our staff can't immediately handle.

After receiving your reservation or inquiry, we will send a registration packet including health/liability forms, and notes on travel, weather, local accommodations, camping, suggested equipment and clothing lists and reading lists.

CREDIT

Quarter credit for selected seminars is arranged with Utah State University unless otherwise indicated. Credit details are available in spring. One quarter credit equals three-fourths semester credit. Tuition for USU courses is a \$30.00 filing fee, payable upon arrival.

DISCOUNTS FOR CFI MEMBERS

Members of CFI receive a 10% discount on program fees up to \$15.00 per program. Family members under 17 years of age can take advantage of member discounts, too. Please inquire about the suitability of certain programs for children.

We invite you to become a "Friend" of CFI if you have not already joined us. Members receive our newsletters and other publications and help support our outdoor education efforts. CFI is a tax-exempt, non-profit organization. Annual member categories are \$25.00 family, \$15.00 individual, \$50.00 sustaining, \$100.00 supporting, \$500.00 contributing, \$1,000.00 patron.

RESERVATION AND CANCELLATION POLICY

RESERVATION DEPOSITS OR FULL PAYMENTS ARE REQUIRED TO HOLD YOUR PLACE FOR A PROGRAM. Deposits are listed for each program. EARLY SIGN UPS ARE IMPORTANT as some programs fill very fast. A minimum of six participants is required or programs may be cancelled two weeks prior. For trips with outfitter fees, MAKE ENTIRE PAYMENT TO CFI who will reimburse other services.

CFI has adopted the reservation/cancellation policies of the lodging and outfitting services with which we work. Cancellations will result in retention of a portion of deposits or full fees, depending on how much notice we are given. Our payment and refund policy is explained in full in the registration packet.

Brochure design by Karla VanderZanden, Norm Shrewsbury and Susan Bellagomba

The CFI telephone number is
801-259-7750



89 EDVENTURE CALENDAR

Note: * indicates credit available

WINTER

February 18-19 Winter Light
February 25 Eagle Float

SPRING

April 10-13 Salt Creek Backpack
April 14-16 Intro to B & W Photography
April 16-20 Grand Gulch Archaeology
April 21-23 Intro To Outdoor Photography
April 22 The Moab Anasazi*
April 23 Desert Weather*
May 5-7 Advanced Landscape Photography
May 6 Dinosaurs*
May 7 Birds Of Colorado River*
May 12-14 Anasazi Photography*
May 12-14 The Hopi*
May 12-14 Desert Wildflowers*
May 13 Pothole Ecology*
May 14 Lizards Of Arches
May 19-21 Portraiture Photography
May 20 Writing From Nature*
May 20 Discover Nature With Children
May 21 Literary Landscapes*
May 22-25 The Needles Backpack
May 26-28 Desert Wildflowers*

SUMMER

June 26-27 Polaroid Teacher's Workshop*
June 28-30 Teaching About Natural World*
July 1-2 Teaching About Night Sky*
July 31-August 6 Colorado Plateau Ecology*
August 7-10 Women And Nature River Trip*

FALL

September 8-10 Intro To B & W Photography
September 15-17 Intro To Outdoor Photography
September 16 The Moab Anasazi*
September 16 Discover Nature With Children
September 17-20 The Needles Backpack
September 21-24 Navajo Trading Posts*
September 23 Pothole Ecology*
September 24-28 Grand Gulch Archaeology
Sept. 28-Oct. 1 Ancient Sky Watchers*
September 30 Desert Weather*
October 6-8 The Photo Essay
October 7 Salt Squeeze Geology*
October 12-15 Perceptive Eye Photography*
October 14 Dinosaurs*
October 15-19 Salt Creek Backpack
October 19-22 Desert Writer's Workshop*

RESERVATION FORM

(Please check those that apply and print or type clearly.)

RESERVATION/INFORMATION

____ Would like to make reservations with a deposit for the
for the following ED Venture Programs:
(All inquiries will be sent registration packet materials)

Name of Program	Dates
1. _____	
2. _____	
3. _____	

How did you find out about CFI? _____

PERSONAL

Names _____

(Please use separate forms for adults with different addresses)

Street/P.O. Box _____

City _____ State _____ Zip _____

Telephone (day) _____ (evening) _____

CFI MEMBERSHIP Please Check One:

____ Already a member of CFI.

____ Membership is enclosed.

____ Not members of CFI.

PAYMENT

Reservation Deposit Enclosed \$ _____

Membership Enclosed \$ _____

TOTAL ENCLOSED \$ _____

☐ Check or ☐ Visa/MC # _____

Visa/MC Exp. Date _____

Signature _____

Do you know someone who would like to receive our brochures?
Name _____

Address _____

Mail this form to:
CANYONLANDS FIELD INSTITUTE
P.O. BOX 68
MOAB, UT 84532