Welcome to Utahraptor Country!

The world famous Utahraptor is one step closer to being on display in the CEU Prehistoric Museum. Museum officials have worked all summer to prepare the skeleton for exhibit. CEU Museum Director, Don Burge explained that the process is a time consuming one. “We are putting together a puzzle without a picture to follow.”

The Utahraptor slashed it’s way into the public eye with the release of Stephen Spielberg’s blockbuster motion picture “Jurassic Park”. Written by Michael Crichton and adapted for the screen by Spielberg. “Jurassic Park” featured a Velociraptor that was made larger than real life. It wasn’t until the movie began filming that former Museum employee Carl Limone made the discovery of the real thing near Moab, Utah. “Crichton and Spielberg imagined a super sized member of the Velociraptor family and we went out and found it”, comments Burge who supervised the excavation with the help of crew members from Dinamation International.

The discovery of the Utahraptor rocked the scientific world and was voted as one of the top 5 scientific discoveries of 1991.

Uncovering the Utahraptor has been a monumental task. Hundreds of thousands of hours have been spent excavating, preparing, molding and casting the specimen by Museum staff and volunteers.

The Utahraptor quarry is not a hospitable quarry. The quarry is difficult to reach and daytime temperatures during the summer can reach 115 degrees. The bones are encased in a tough limestone matrix that takes a lot a time to remove.

“The quarry has yielded about 30 Utahraptor bones so far”, comments Duane Taylor, Museum Registrar and quarry worker. “Key bones have been uncovered which have helped us put together a model of the animal. Skull pieces and teeth have been found and of course the supertslashing claws of the hind and front feet. Femur, or thigh bones tell us how big the animal was.”

By using the real bones and comparing the Utahraptor to its close cousins in the Velociraptor family, bone preparators at the CEU Museum are able to reconstruct the animal from these 30 bones.

“One you have a left femur bone, you can mirror image it and create a right femur bone,” says Don Burge who has been supervising the project.

Visitors who have seen the model during the reconstruction phase are amazed at the size of the animal. The Utahraptor is smaller in size than the Allosaurus but has larger claws and longer limb bones. “The Utahraptor was small and agile. It could out maneuver other bulkier dinosaurs of the Cretaceous Period,” comments Burge. The Utahraptor is believed to have hunted in groups similar to modern wolves or coyotes.

Meanwhile work at the Utahraptor quarry will continue until all of the bones have been removed. The real bones will then remain at the CEU Prehistoric Museum in the permanent collection.

The Utahraptor can now be seen through the window of the lab in the Museum. A fully mounted, free standing skeleton will be on display after the first of the year.
The Dinosaur Diamond

A cooperative effort between several communities, the Bureau of Land Management, the US Forest Service, the National Parks and Monuments, many state parks and two states will create a unique vacation destination with a focus on dinosaurs.

The so-called Dinosaur Diamond is a circular tour route that connects communities in Eastern Utah and Western Colorado and unites them with a dinosaur theme. Visitors to the Diamond will have the opportunity to explore many museums, parks, monuments and travel trails dedicated to dinosaurs, ancient cultures and historic sites.

A committee has been formed and many plans are underway to market and promote this new tour destination. Future products will include trading cards featuring each stop on the Dinosaur Diamond route and a passport that visitors can carry with them and have stamped at cities and attractions along the Diamond.

“We plan on doing serious marketing of the entire Dinosaur Diamond, promoting all of the communities in an equitable manner. We will actually market these unique paleontological resources,” stated Darrin Teply, editor of the Prehistoric Times Regional Journal and the Dinosaur Diamond’s marketing chair.

Teply also said that every time a call has gone out to the Dinosaur Diamond communities, the city of Price has been the first to respond with well organized and on-target information.

To learn more about resources and events, read the official magazine of the Dinosaur Diamond, the Prehistoric Times Regional Journal, which can be purchased at the CEU Prehistoric Museum. Half of the cover price remains with the Museum for its own uses.

The Learning Circle

Learning about science has always been a challenge. The challenge becomes even greater when the ones learning are at risk students. The challenge has been called impossible for youth already in the prison system. The CEU Prehistoric Museum is out to change that misconception.

For the second consecutive year the CEU Prehistoric Museum has played host to the Youth in Custody Program. Every fall, young people incarcerated at the Utah State Prison, all below the age of 19, come to Price to learn about prehistory, archaeology and geology.

This year the group ventured into Nine Mile Canyon for a day of exploring CEU Museum employees, SueAnn Martell and Trisha Williams, accompanied the group of 28 students and counselors to the canyon.

The group experienced prehistoric cultures, geology, the science of archaeology and wildlife.

The trip was an eye opening one for the youth. Many of them had never been exposed to the desert environment and some had never even been out of the Salt Lake Valley. “They learned how hard life was in the canyon 1,000 years ago,” explains SueAnn Martell, Museum Educator. “They understood why the Fremont Culture created rock art and why their houses were built where they were.”

Even though the day was rainy and the road was soggy the teens hiked and explored and asked many questions.

“This is an excellent program the Museum is proud to participate in, we are giving these kids a chance to experience science first hand”, commented Martell.

By the end of the day the students had discovered plenty of rock art, village sites, and even a piece of oil shale.

“They left with a new appreciation of the people who lived in the canyon and what those people left behind. They were very angry with the amount of vandalism in the canyon and tried to figure out ways to clean up what had been done and stop future vandalism,” Martell explained.

“Out of all of the things that they saw that day the one thing that will stick in their minds is the vandalism and how ugly it was; vandalism and the cows, they loved the cows.”

Holiday Headaches?

Visit the CEU Museum Gift Shop for unique and educational gifts for everyone on your list.

▪ Hand Crafted Jewelry
▪ Fossil Replicas
▪ Baskets & Pottery
▪ Books
▪ Stocking Stuffers

The CEU Museum Gift Shop
Open 10:00 am - 5:00 pm
Monday - Saturday
Located in the Museum Lobby
Happy Holidays
From the CEU Prehistoric Museum
Staff and Advisory Board

Don Burge
Cody Coleman
Sue Ann Martell
John Bird
Trisha Williams
Ken Fleck
Stan McDonald
Marvin Mabutt
Fern Wilkerson
Duane Taylor
Maria Cicconetti
Brandon Smith
Gabriel Sanchez
Trent Houskeeper
Ray Downard
Clark Warren
Jim Huffaker
Pam Miller
Tiffany Jensen
Pearl Oliver
Brooke Kulow
Aaron Fausett
Bill Branson
Bruce Burgess
Dennis Willis
Joane Pappas-White
Dr. J. Eldon Dorman
Gail Raby
Marvin Evans

Happy Holidays!!

Save 10% on any
CEU Museum Gift Shop purchase.

Coupon good through December 31, 1997.
Coupon must be presented before purchase.
1997 was a very successful year and through the generous support of friends like you, here is what we accomplished this past year:

- The Utahraptor Project
- 13,977 visitors enjoyed the temporary exhibit Sacred Images
- 11,318 visitors and school children experienced the temporary exhibit - By A Clearer Light: The 75th Anniversary of the National Parks System
- 3,318 participants experienced Utah Prehistory and Heritage Week at the Museum
- 19,759 visitors and school children saw the guest exhibit Roots: The Fausett Family Artists and the temporary exhibit Fossils: Messengers From The Past
- 10,491 visitors experienced the fine art and photography of America The Beautiful and Echoes of the Land: images through the camera’s eye

Andalex Resources, Inc.
Lamont Arnold
James Banasky Insurance
Jess Banning
Heidi Barker
Maurine Beardall
Karen Bliss
Christy Bodley
Breinholt Music
Ernest E. Campbell
June E. Campbell
Carbon County Mining Company
Lynn M. Carlson
Virginia Cochrane
Cook's Velvet Freeze/Paul Cook
Cowboy Club
John & Rose Craven
Paul Crookston
Robert C. Cutter
Dan O'Laurie Museum
Robert Dansie
Lucina & Art Denman
Dennis Dooley
Dr. J. Eldon & Maurine Dorman
ECDC Environmental
Energy West Mining
Marvin & Jeanette Evans
Peter & Emojane Ferguson
Ken & Michelle Fleck
Frank's Glass Shop
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Genwal Resources, Inc.
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H. Steven Hatch
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Industrial Electric Motor Service, Inc.
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Mack A. Johnson
Joy Mining & Machinery
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Sarah King
Merlene & Ernest Lambert
Sherrie Latimer
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Cynthia Lindt
Gary Lyon
Stephanie McCourt
Mac's Mining Repair Service
Mad Man Basso Auto Sales
Richard & Luanne Mayne
SueAnn Martell
Blaine & Pam Miller
Eldon Miller
Susanne Miller
Mitchell Funeral Home
Karen Mosman
Dr. David & Kathy Morris
Dan Murphy
Dr. David & Suzanne Nichols
Devon & Pearl Oliver

Devon Orr
Mavis M. Oswald
Joane Pappas-White
Molly Pettit
Murry & Joyce Pierce
Dr. Sterling G. & Mariella Potter
Price Mine Service
Rudy & Rae Procarione/Love Floral
Samuel C. & Colleen Quigley
Gail Raby
Peggy Rader & Alex von Sternberg
Thomas E. Rasmussen
Redeemer Lutheran School
Steve & Patrice Rigby
John Serfustini
Larry & Darlene Severeid
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South Eastern Utah Title Company
Pamela Stanger
Marvyn M. Stein
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Tattoon Insurance
Ruth Topolovec & Jean Blackham
Michael Turi
Underground Services & Hydraulics, Inc.
Joe & Shirley Venus
Earl & Shirl Vitus
Clark & Barbara Warren
Doyle & Kathleen Warren
Roger Watson
Vena Willis
Dennis Willis
Jim Willis
K.E. Buffalo Bubs Wilson
Theora Worley
Local Artists Show Their Stuff at the CEU Museum Gallery

Once again the CEU Museum is showcasing local talent with new photography and painting exhibits. *America the Beautiful*, a fine art show, features the works of Marie Besso, Maxine Bryner, Dot Faussett Cole, Wayne Crouse, Marie Faussett, Ross Faussett, Richard Holdaway, Iris Howe, Christa Kaminski, Peggy Migliori, Pearl Oliver, Mariella Potter, Gail Raby, Gabriel Sanchez, Wendy Stoker, and Sandy Wisecup.

Guest Curator Marie Faussett has chosen paintings that reflect the words to the popular patriotic song “America the Beautiful.” The paintings together capture the spirit of the country and the very essence of freedom and liberty.

The photography exhibit, *Echoes of the Land: images through the camera’s eye* features images of people, places and things that have been shaped by the land and the environment.

Guest Curator Pearl Oliver enlisted the help of many local photographers. Works by Guy Adams, Daniel Bitlick, Arlene Brown, Boyd Bunnell, Don Burge, Gale Cox, Dedee and Richard Dart, Dr. J. Eldon Dorman, Jeanette Evans, June Faussett, Albert Fossat, Bill Fossat, Charlotte Hamaker, Jim Huffaker, Michael Ireland, Scott Jensen, Bonnie Johnson, Kimball Johnson, Bill Knott, Gerry Langstein, Al Latimer, Amanda Maddox, Sue Ann Martell, Layne Miller, Maren Miller, Pearl Oliver, Greg Payne, Norma Pickup, Gail Raby, Cassandra Romero, Gabriel Sanchez, Norman Smith, Marilyn Wessel, and Trisha Williams are featured.

“Exhibits like this one give local artists a place to display their work,” commented Oliver. “We have very talented people in this area; many of them are award winning photographers and world renown painters.” “We are happy to have them share their works with us and our visitors.”

Continued support from the public helps the Museum to showcase these fine artist’s works. The exhibits will be on display at the CEU Museum Gallery through December 31.

Shop Talk

Worried about your growing Christmas list? Need something uniquely Carbon County? Is there a dinosaur nut on your list? If the answer to all of these questions is “Yes”, the CEU Prehistoric Museum Gift Shop can help. The Museum Shop stocks items that are related to Utah Prehistory and carry the unique flavor of Eastern Utah.

Come in and check out what’s new for the Holiday Season including fossil replicas produced by the lab at the CEU Museum. Tyrannosaurus rex, Megalosaurus and Acrocanthosaurus teeth are available as well as the claws of the Utahraptor.

Looking for authentic fossils? How about the Utah State Invertebrate Fossil – the trilobite or a belemnite from Morocco.

Do you have an avid reader on your list? The CEU Museum Gift Shop has expanded its collection of books. We now offer many different titles focusing on dinosaurs, archaeology and rock and minerals.

Also check out our Carbon County section. We are featuring many books on local history for the Holiday Season. “A History of Carbon County”, part of Utah’s Centennial Series books, is available as well as the popular book “Confessions Of A Coal Camp Doctor” by local legend Dr. J. Eldon Dorman.

Pottery makes a perfect gift and the Museum Gift Shop has several styles to choose from. Local artist Randy Mathis has created pottery using rock art designs from Nine Mile Canyon. This beautiful artwork is truly unique.

Renée Jackson has also created miniature works of art with her pottery designs, making them the focal piece of any room.

Just for the kids, we are offering Zonies: plush, bean-filled dinosaurs with a personality all of their own. These colorful critters are similar to the very popular Beanies and each comes with its own special birth date.

If jewelry is on your list come in and see our collection of hand crafted Native American jewelry. Mary Redmustache has made sterling silver and semi-precious stone necklaces and bracelets. She has also made smaller versions for the youngest of jewelry lovers.

Song Dog Designs creates small works of prehistoric art on clay beads and fastens them to earring posts and hemp necklaces. The inspiration comes from local rock art designs. Song Dog Designs is based in Salt Lake City.

The CEU Prehistoric Museum Gift Shop has the perfect gift for everyone on your list. The Museum Gift Shop will be open from 9:00 am - 12:00 pm Christmas Eve for all of your last minute shopping. Be sure that you take advantage of our special Holiday Coupon offered in this issue and save an extra 10% on your shopping. It is our way to say thank you for your support.

Radiocarbon dating can only be used on items that were once alive? Baskets, rope and animal skins can be dated, stone tools, metates, and manos cannot.

Radiocarbon dating techniques are only accurate on items that are more than 100 years old and not more than 30,000 - 50,000 years old. Because of this, dinosaurs cannot be dated through Radiocarbon techniques.
# Museum Happenings

**November**

- **America the Beautiful**
  - A Fine Art Exhibit
  - October 1 - December 31
  - CEU Museum Gallery

- **Echoes of the Land: images through the camera’s eye**
  - A Photography Exhibit
  - October 1 - December 31
  - CEU Museum Gallery

- **Thanksgiving Day**
  - Thursday, November 27
  - CEU Museum CLOSED

**December**

- **Santa Claus Arrives**
  - Saturday, December 6
  - 12:00 pm
  - CEU Museum

- **Christmas Eve**
  - Wednesday, December 24
  - CEU Museum Open
  - 9:00 am - 12:00 pm

- **Christmas Day**
  - Thursday, December 25
  - CEU Museum CLOSED

- **New Year’s Eve**
  - Wednesday, December 31
  - CEU Museum CLOSED

**January**

- **New Year’s Day**
  - Thursday, January 1
  - CEU Museum CLOSED

- **Utah Friends of Paleontology**
  - Tuesday, January 13
  - 7:00 pm
  - CEU Museum Classroom

- **Utah Statewide Archaeology Society**
  - Thursday, January 15
  - 7:00 pm
  - CEU Museum Classroom

- **Spinners & Weavers**
  - Saturday, January 17
  - 12:00 pm
  - CEU Museum Classroom
  - Contact Bobbie Irwin,
  - 637-8476