

WALKING THROUGH TIME WITH INDIANA JONES

*ROPER MOUNTAIN SCIENCE CENTER
GREENVILLE, SOUTH CAROLINA
MAY 9-10, 2008*

HARRISON HALL OF NATURAL SCIENCE

Indoor Rainforest - *Central and South American Empires*

Archaeology Information Board at door. We will place factoids around the Rainforest that include topics such as Incan roads, cultural uses of the rainforest plants (cocoa etc...) and background information on the Incas, Mayas, and Aztecs.

We hope to have a “photo-op” temple backdrop in this room with alter and fertility idol if we can get it built.



The Rainforest Classroom– *Latin American Empires* and “*Creepy Crawly Critters*”

This room will make use of the environmental science materials and artifacts that it already contains to help explain the past and present significance of Latin America and her people. We will also tie in the “Legends of the Crystal Skull,” explaining the stories and the controversies that surround the artifact that will figure prominently in the new film.

Still photos from the *Raiders*, *Temple of Doom* and *The Last Crusade* showing Indy’s interaction with spiders, snakes, and bugs will be on display.

Hands-on Activities:

- *Visitors will have the opportunity to not only observe a number of snakes, spiders, and bugs, but can hold them as well.
- *Quipu lessons: the Incan method of counting that utilized knotted and colored strings will be taught, with visitors having an opportunity to make their own quipu.
- *coloring sheets for Mayan, Aztec and Incan civilizations (*for young explorers*)
- *Mayan temple building blocks (*for young explorers*)



Discovery Room 1– *Anthropology*

Anthropology Information Board at door. Inside the room visitors can investigate Asian and African cultures by observing artifacts, participating in talks and taking part in activities including Henna tattooing and calligraphy. Asian Studies students from Furman University will share their foreign study experiences and lead the discussions and activities.

Hands-on Activities:

- *calligraphy; henna painting
- *model block building: the Taj Mahal *(for young explorers)*
- *coloring sheets on Africa and India *(for young explorers)*
- *Egyptian pyramid building blocks *(for young explorers)*



Discovery Room 2– *The World Wars*

World Wars Information Board at door. Utilizing the American Legion museum and the personal collections of Bob Dicey and Lynn Duncan, we will have a vast array of artifacts from World War I and World War II for visitors to examine and ask questions about.

Hands-on Activities:

- *coloring sheets for World Wars
- *TBD

Films: Lucasfilm documentary: *Into the Furnace: The Battle of Verdun* and *The Somme: A Storm of Steel*

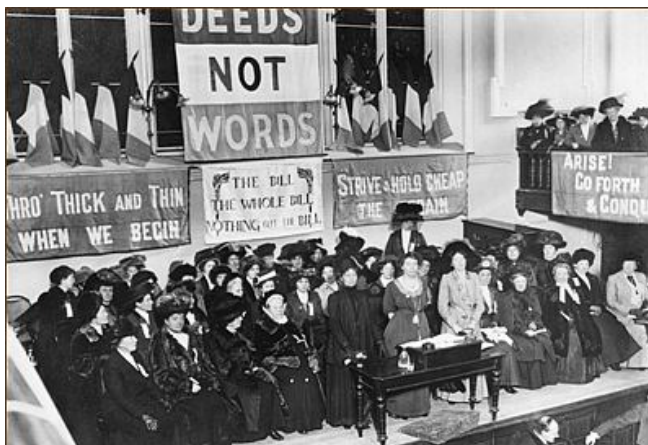
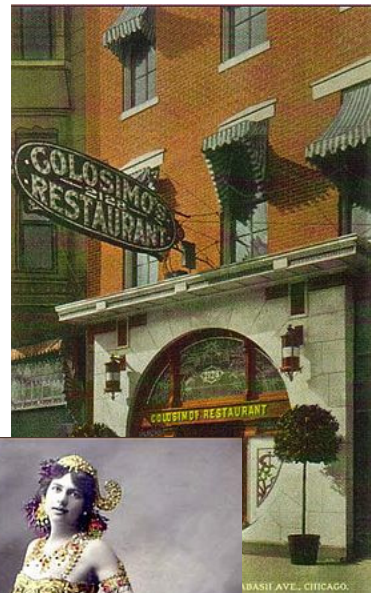


Little Sea Life Theatre— *Featured Documentaries*

This theatre will be used to show Indy related documentaries on a schedule throughout the day. Suggested films for this theatre include: *Ecology: Pulse of the Planet* and *Teddy Roosevelt and the American Century*

Foyer to New Labs— *Artifact Display: “From the Collections of Dr. Henry Jones, Jr.”*

Hallway display cases will be used to house and display reproduction historical artifacts related to Indy’s many adventures. These artifacts will include such items as post cards, photographs, letters, statuary, pottery, and journals. We hope to offer glimpses into Indy’s experiences that occurred beyond the films.



Oceanography Lab– *Legends of the Deep*

Humans have always viewed the reverence and fear and throughout time it has helped create and mold cultures around the world. In this lab, visitors will discover the impact the oceans have had upon mankind with an emphasis on the myths of Atlantis, the Kraken and Davy Jones.

Hands-on Activities:

*as always, the touch tanks will be open but with added “Did you Know?” history factoids relating to each creature in the tanks (stingrays, horseshoe crabs, conchs, starfish, sea urchins, et al.).



Ecology Lab– *Ecology and Conservationism*

Conservation Information Board at door. Based on Indy's meeting with Teddy Roosevelt, information about the Conservation Movement and Teddy's role in helping to encourage it will be presented through a continuous slideshow. In addition, the spectacular new lab will be highlighted and normal ecology demonstrations will be held.



Paleontology Room– *Paleontology*

Paleontology Information Board at door. Interpretative displays of fossils located throughout the room.

Hand's-on Activities:

- * Dig-in-a-Box: visitors will be able to use screens to sift through sand for actual fossils
- *Cookie Excavation: Children will learn the necessity of careful excavation by using a toothpick to “excavate” chocolate chips from cookies. You can only eat the cookie after a successful dig!
- *Dinosaur Jigsaw: 3-D models of dinosaur skeletons for children to put together.
- *coloring sheets for dinosaur excavations



LIVING HISTORY FARM

Paris-Owings Cabin– *Textiles*

Textile Information board at door. Discuss the history of weaving and demonstrations on the loom. Public can use the small loom and try their hand at weaving.

Rector One-Room School– *Archaeology circa 1900*

Discuss tomb raiders, the British Museum, Smithsonian, and the role of Archaeology at the turn of the century. Including how it might have been used in the one-room school.

Barn– *Animal Domestication*

Domestication Information Board at the door. How the domestication of animals evolved and what animals were native to the Americas vs. those that came from Europe.



Blacksmith Shop– *Metalworking*

Metalwork Information board at the door highlighting explaining African smithing techniques. The blacksmith will demonstrate his trade.

Pine Grove- *Pottery*

“Historical Significance of Pottery” information board will be displayed in area with local artisans demonstrating their craft and explaining the importance of pottery through time.

Kitchen Cabin– *Hearth Cooking*

Demonstration of hearth cooking will be held with a discussion of traditional cooking techniques.



HARRISON HALL OF SCIENCE

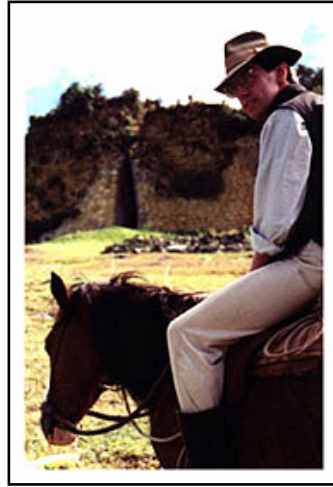
At the entrance we hope to have a life-sized reproduction Egyptian mummy case. Upon entering the building, the large foyer space will be filled with student projects that represent various Indy-inspired themes including: Archaeology, The Suffrage Movement, The Harlem Renaissance, Innovations in Transportation, World War I, World War II, Ancient Egypt, Ancient China, Ancient Greece and Teddy Roosevelt and the Conservation Movement. Some of the existing display cases upstairs will be kept due to their related themes (science fiction of the 1930s, '40s, '50s and '60s).

Student projects will be displayed in cases such as the one in the sketch below. There will also be laptop computer kiosks for student multimedia projects utilizing the RealAllusion programs, Crazy Talk and iClone.



Auditorium– *The Archaeology of Indiana Jones, Presented by Dr. David West Reynolds*

Dr. Reynolds will be the keynote speaker presenting his “Archaeology of Indiana Jones” talk at 10:30am and 1:00pm. There will also be a Q & A session at the end of each presentation. There will two shows for students on Friday and two shows that are open to the public on Saturday.

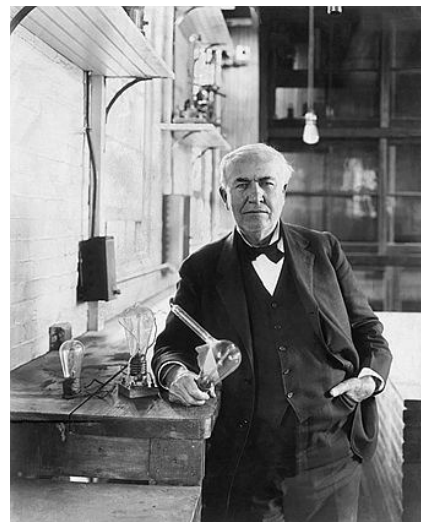
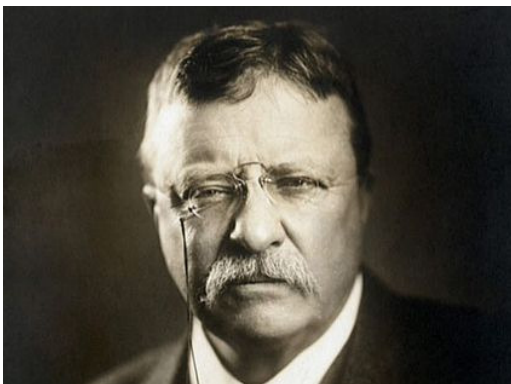


Health Room I- *“Talking Bones”*

“Bone Stories” information board will be at door to classroom. Visitors will learn how bones can speak to us, revealing a variety of information. There will be the opportunity to identify, compare and contrast a variety of animal skulls and discuss their mechanics. There will also be a chance to uncover the mystery of a 200 year-old human skull and learn how forensic science contributes to our understanding of the past.

Health Room II– *Documentary Screenings*

The Health Room Theatre will be used to showcase several documentaries, including: *Louis Armstrong: Ambassador of Jazz*; *Fighting for the Vote: Women’s Suffrage*; *Invention and Innovation: What’s Behind a Good Idea?*; *Thomas Alva Edison: Lighting up the World*; *Howard Carter and the Tomb of Tutankhamun*; *Archaeology: Unearthing our Past*



Health Room III- *Epidemics*

Examining the significance of the epidemics that occurred during Indy's lifetime, such as malaria, the Influenza Outbreak of 1919, and various combat-related diseases such as trench foot and "shell shock."

Physics Lab- *The Science of Flight*

Visitors will learn the physics of flight and be invited to make their own paper airplane and test it out. Discuss the Bernoulli principles and flight as well as the significance of Robert Goddard and his breakthrough with rocketry. (Rocket demonstrations possible). Information board will be available detailing information on the significance of airplanes during the First World War.



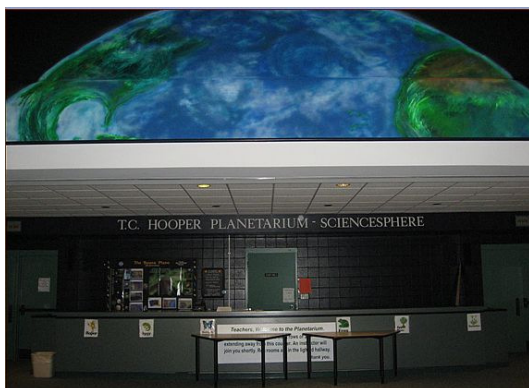
PLANETARIUM

Auditorium—*Ancient Astronomy and Archaeoastronomy*

Lobby Area—*World Mythologies*

Information Board relating to ancient astronomy will be displayed. Student exhibit on world mythology will be housed here, some of which will deal with the relationship between the heavens and mythology. There will also be an explanation of the mythic qualities of the Star Wars saga that will support the existing Star Wars displays located in the planetarium lobby with particular emphasis placed upon the work of Joseph Campbell.

David Saint Lucas will prepare a planetarium show dealing with the importance of the little known discipline of archaeoastronomy and its role in explaining the past.





If possible, we would like to have a “cut-out” for pictures (similar to the astronaut that is presently in the lobby of the



planetarium) based on the Indy poster above.



Two cases that will remain on display in the upper level of the Harrison Hall of Science deal with the science fiction of the '30s, '40s, and '50's. We'll make cultural connections to era but not necessarily to Indy. However, there will be reference to the influence of sci-fi B-movies of the '50s upon *Kingdom of the Crystal Skull*, as recently mentioned by George Lucas in his *Vanity Fair* interview.





We've decided to end our exhibition time frame in the 1950s since that is as far as Indy's adventures have been chronicled thus far.

NATURE TRAIL

The Indiana Jones Adventure Challenge Trail

At several locations along the nature trail, we hope to have local Boy Scouts (don't forget, Indy was an Eagle!) teaching skills such as knot-tying, rope making, emergency survival skills, map reading, and explanations of the Outdoor Code. There will also be physical and mental challenges that must be mastered before you progress along the trail (think something along the lines of the riddles in *The Last Crusade*). We would like to have "goody bags" for those who get their "passport" stamped (think folded sheet of paper!) similar what was done for the fitness challenge trail during the Harvest Festival.