

Distributed by the Interagency Working Group on Native Youth in Historic Preservation (ACHP, Chair; BIA; BOEM; NPS; USFS; Reclamation)

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# **SEMINOLE LEGO PROJECT: Legos, Artifacts, and Active Learning in Historic Preservation with Seminole Youth**

By Seminole Tribe of Florida, with Jamie Lee Marks, NPS



The Seminole Tribe of Florida Tribal Historic Preservation Office (STOF THPO), the Ah-Tah-Thi-Ki Museum and Ahfachkee School have partnered to provide tribal youth with hands-on experience building with LEGO blocks that facilitates the development of skills in science, engineering, geography and math. Leaders of the program work with students to demystify historic preservation, the technical aspects of

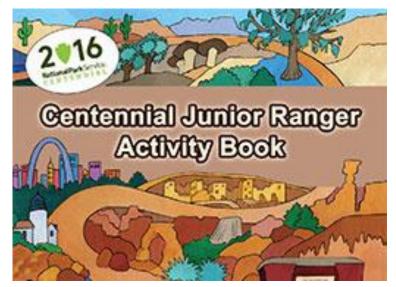
GIS, and make the THPO and Museum more approachable and exciting to tribal youth. Piloted in 2015, the program is now in its second year under the direction of Juan Cancel, THPO Chief Data Analyst, and Alyssa Boge, Museum Education Coordinator.

Last summer, 14 students grades 4-6 participated in the four-week program, using LEGO blocks to construct a scale model of the science building located on the Ahfachkee School campus. Students began by learning about mapping and scale through the use of spatial software like Google Earth. They measured the building both inside and out, using and analyzing the strengths and weaknesses of different tools including measuring tapes, laser distance meters, and sonar measuring devices. They reviewed multiplication and division as they calculated the dimensions of their scale model. Students learned about engineering as they scientifically tested the strength of different walls using a miniature wrecking ball.

In the end, the students successfully completed a scale model of the science building and were able to present their accomplishments to the rest of the school. Students enhanced their math skills through this project and also learned how to work as a team. They also gained a greater connection to the THPO and Museum as they worked with staff from both departments and spent much of their time constructing their model at the museum. Through the fun of playing with LEGO blocks, students took away important skills and made lasting memories at their museum and the THPO. A goal is to expand the program and have students make a scale model of the reservation in LEGOs. For more information on the Seminole THPO, go to <a href="http://www.stofthpo.com/">http://www.stofthpo.com/</a>.

### National Park Service Junior Ranger Program Provides Opportunities for Activities Nation-wide!

The NPS Junior Ranger program is an activity based program conducted in almost all parks, with some programs national. Many national parks offer young visitors the opportunity to join the NPS "family" as Junior Rangers, and youth complete a series of activities during a park visit, share answers with a park ranger and receive official Junior Ranger patches and certificates. Although the program is mostly for youth age 5 to 13, people of all ages participate!



Junior Ranger Activity Books help youth learn more about different areas, including historic preservation and the need to save our country's valuable structures, historic neighborhoods and significant places for future generations. For more information on the NPS Junior Ranger program, go to <u>https://www.nps.gov/kids/jrRangers.cfm</u>. And to get engaged in the "Let's Move Outside Junior" program, be sure to check out <u>https://www.nps.gov/aboutus/letsmove.htm</u>.

## 2017 National UNITY Conference: July 7 – 10, 2017

The 2017 National UNITY Conference is set to take place Friday, July 7, through Monday, July 10, 2017, at the Colorado Convention Center in Denver, Colorado. More than 1,700 attendees will be expected once again for the largest Native youth gathering in the country.

The exciting 4-day conference agenda is like noneother. Attendees will once again enjoy popular keynote speakers, have access to 40+ workshops and more than 50 exhibitors, participate in fun and unique peer-led



fitness activities, and experience the uniqueness of the National UNITY Conference through the UNITY fire, the UNITY drum, the UNITY College and Career Expo, a cultural exchange, talent night, and the annual UNITY Banquet & Awards Celebration and Dance!

For more information go to the UNITY Conference page at <u>http://unityinc.org/event/2017-national-unity-conference/</u>.

## SUMMER 2017 OPPORTUNITIES FOR NATIVE YOUTH!!

#### Available through Multiple Agencies:

 - 21st Century Conservation Service Corps: <a href="http://21csc.org/join/hire-a-crew/types-of-21csc-projects/">http://21csc.org/join/hire-a-crew/types-of-21csc-projects/</a> A national effort to put thousands of America's young people to work protecting, restoring, and enhancing America's great outdoors. A 21CSC experience can provide training, skills, education, and employment opportunities to pursue a wide range of careers and life opportunities. 21CSC programs exist in all 50 states.

- Youth Conservation Corps (YCC): <u>https://youthgo.gov/ycc</u>

YCC is a work-learn-earn program for youth 15 through 18 that develops an understanding and appreciation in participating youth of the nation's environment and heritage. YCC offers gainful summer employment to youth, for approximately eight weeks, in a healthful outdoor atmosphere.

#### US Forest Service: http://www.fs.fed.us/working-with-us/opportunities-for-young-people

The USFS 21st Century Conservation Service Corps (21CSC) engages young Americans with land management agencies to accomplish critical work that promotes green space and conservation and natural and cultural resources projects. It seeks to engage participants in hands-on service and job training experiences that develops a generation of skilled workers, educated and active citizens, future leaders and stewards of natural and cultural resources. The Forest Service 21CSC programs are primarily partnerships with non-governmental organizations, tribal groups and some Federal, state and local agencies to engage individuals as crews or individual placements through the Public Lands Corps, Resource Assistants Program, and Youth Conservation Service Corps.

- Pathways Internship Program with the USFS:

#### http://www.fs.fed.us/sites/default/files/media/2015/16/Pathways Applicant.pdf

Pathways Programs provide paid employment opportunities with the Federal government for high school students, undergraduates, post-graduates and recent graduates. Pathways opportunities include archaeological internships and archaeological assistant positions.

- Passport in Time (PIT): <u>http://www.passportintime.com/</u>

A volunteer archaeology and historic preservation program of the USFS. PIT volunteers work with professional archaeologists and historians on national forests throughout the U.S. on such diverse activities as archaeological survey and excavation, rock art restoration, survey, archival research, historic structure restoration, oral history gathering, and analysis and curation of artifacts.

- Inter-Tribal Natural Resources Camp

http://www.fs.usda.gov/detail/nezperceclearwater/workingtogether/partnerships/?cid=STELPRDB5108220

A weeklong camp hosted by the Nez Perce National Forest with four other National Forests and four Indian Tribes targeted for teens living on or near area reservations (but tribal enrollment is not necessary). Resource professionals from the Nez Perce, Clearwater, Colville, Idaho Panhandle and Payette National Forests, and Nez Perce, Coeur d'Alene, Kalispell, and Spokane Tribes offer lessons and work opportunities, such as surveying roads, streams and archaeological sites, performing stand exams and monitoring wildlife habitats.

#### National Park Service (NPS):

- Historic Preservation Internship Program:

https://www.nps.gov/tps/education/internships.htm posted in January.

- NAGPRA Summer internships via National Council on Preservation Education

- http://preservenet.cornell.edu/employ/ncpe.php, posted in early March.
- Cultural Resources Diversity Internship Program (CRDIP): <u>www.crdip.org</u> due mid-February. The Cultural Resources Diversity Internship, in partnership with the American Conservation Experience. Tribal Historic Preservation Offices may seek to host interns through this program.
  Ancestral Lands Program: <u>http://sccorps.org/join/ancestral-lands/</u>
  - The Ancestral Lands Program engages Native Youth and young adults in meaningful conservation projects on Native Lands, including a cultural diversity internship program. Positions are posted year-round.

#### **Smithsonian Institution:**

- Native American Awards Program – Internship: (Deadline – Feb. 1 for Summer 2017) http://www.smithsonianofi.com/internship-opportunities/native-american-internship-awards/

#### Advisory Council on Historic Preservation (ACHP):

For information on Summer 2017 Internships at the ACHP contact Judy Rodenstein, <u>jrodenstein@achp.gov</u>.

#### Academic Archaeology Awards (via SAA):

http://www.saa.org/ForMembers/CommitteesTaskForces/StudentAffairsCommittee/StudentAwar dsandScholarships/tabid/162/Default.aspx

FOR MORE INFORMATION ON OPPORTUNITIES FOR NATIVE YOUTH ENGAGEMENT WITH HISTORIC PRESERVATION Contact Rae Gould, Office of Native American Affairs, ACHP, <u>rgould@achp.gov</u>