

## **NOAA Heritage Program 2019 Internal Funding Recipients**

### **NOAA Legends**

\$6,000

Project leads: Vankita Brown, Ayeisha Brinson, and Makeda Okolo; NOAA National Weather Service and NOAA Headquarters; Washington, DC

They broke ground. They were the “firsts.” They are the People of Color who have been employed in NOAA sciences. This project will use audio-visual podcasts to preserve the experiences and reflections of NOAA’s diverse and unsung heroes and “sheroes,” including the first African-American woman to earn a degree in meteorology and the first female television meteorologist in the United States; the first African-American fisheries biologist with NOAA Fisheries, and the African-American meteorologist in charge who oversaw Hurricane Katrina forecasting.

### **A History of NOAA Ocean Research based from Oregon**

\$12,000 - *in partnership with NOAA Fisheries*

Project lead: Rick Brown; NOAA Fisheries; Oregon

An exhibit at the Oregon Sea Grant Visitor Center at the Hatfield Marine Science Center will celebrate NOAA’s history of ocean research in the Pacific Northwest and NOAA’s deep relationships with Oregon’s academic institutions. Visitors will encounter graphics with a timeline of significant events, touch screen displays, and hands-on experiences. For example, the touch screens will include interactive segments dedicated to NOAA research activities over the last 50 years in the Pacific Northwest, including the history of West Coast fisheries management, NOAA’s history of deep sea volcanic hydrothermal exploration, West Coast marine mammal research, activities of NOAA ships from early surveys to the current presence of the Marine Operations Center Pacific ships in Newport, and the history of the Newport Hydrographic sampling line.

### **Strengthening Community Resilience in America’s Oldest Seaport; Documenting Oral History in Gloucester, Massachusetts**

\$11,240

Project leads: Peter Burns and Caleb Gilbert; NOAA Fisheries; Massachusetts

Founded in 1623, Gloucester, Massachusetts is the oldest fishing port and fishing community in the United States. In partnership with the Northeast Fisheries Science Center’s “Voices from the Fisheries,” the project will capture the invaluable life experiences of long-lived members of Gloucester’s working waterfront through oral history recordings. The focus will be on collecting anecdotal observations about changing environmental conditions over the years and other fishery-related accounts on economic adversity. The intent is to capture Gloucester’s unique fishing history and culture to foster coastal and fishing community resilience and archive it before it is lost.

### **Recovering salmon runs in Northeast Oregon: an educational film to engage local Communities**

\$12,000 - *in partnership with NOAA Fisheries*

Project lead: Sarah Fesenmyer; NOAA Fisheries; Oregon

NOAA Fisheries and Grande Ronde Model Watershed will develop a 3-minute educational film telling the story of a coalition of nonprofit, state, federal, and Tribal partners restoring salmon habitat in Northeast Oregon. Recovering and conserving threatened salmon runs is one of the core mandates of NOAA Fisheries West Coast Region; this film, which will be shown at local schools and community events, will document local efforts to preserve NOAA and our country's heritage of abundant salmon runs.

### **Oxford and Oysters: 60 Years and Still Learning**

\$11,980

Project leads: Amy Freitag, Shawn McLaughlin, Gretchen Messick, and Suzanne Skelley; NOAA National Ocean Service; Maryland

Oysters are a way of life around the Chesapeake Bay, especially in Oxford, Md., where even community roads are paved with oyster shells. NOAA's Cooperative Oxford Laboratory will soon celebrate 60 years of research in the Chesapeake, and oyster research has remained a common thread in the lab's history. In this project, the Lab will create an interactive exhibit for school-aged children at local festivals, using this important cultural touchstone as a way to highlight the lab's decades of work and importance to the region.

### **Conserving and Promoting the History of Gulf of Mexico Fishing Communities - A Public Art Project**

\$12,000

Project leads: Catherine Hayslip and Jeff Pulver; NOAA Fisheries; Florida

St. Petersburg, Florida is a city of the arts and of innovative sciences. It also has a significant Gulf of Mexico fisheries landings and a long fishing community history. In this project, public art will preserve the intersection of fishing and science through two murals placed on local buildings. One mural will depict NOAA's history in the region with sustainable fisheries, linking fishing communities with habitat, biodiversity, and ecosystems. The other will how illustrate how fishing has changed over time, how management has impacted fisheries, and how local fishers have provided seafood to the community for a century. The murals will visually transfer the knowledge and experiences of these communities to future generations.

### **Point Adams Evolution in Maritime History, from a Legacy of Life Saving to NOAA Research**

\$4,254

Project lead: Susan Hinton; NOAA Fisheries; Oregon

Point Adams Research Station, a 130-year old NOAA facility located near the mouth of the Columbia River, was the first life-saving station for the U.S. Coast Guard in Oregon. For the past half-century, it has served as an active field station for NOAA research. Through this project, visitors who come to Point Adams will encounter new and permanent educational signage promoting the facility's history and importance to NOAA's mission. The station will also become part of the United States Lighthouse Society Passport Program. Enthusiasts visiting historical lighthouses across the country can receive a "passport stamp" for visiting Point Adams at two nearby museums.

### **Preserve and Protect the Last Remaining U.S. Weather Bureau kiosk in the Nation and its National and Local History in Knoxville, Tennessee**

\$12,000

Project leads: David Hotz, Derek Eisentrout, and Anthony Cavallucci; NOAA National Weather Service; Tennessee

In the late 1890s, the U.S. Weather Bureau wanted to find a better way to disseminate weather information, so it installed attractive, permanent weather kiosks in busy downtown areas in cities around the country. Today, these structures are gone, though one kiosk remains in downtown Knoxville, TN. This project will preserve the kiosk by restoring it and creating an educational display that includes the history of the kiosk, replicas of the weather instruments once housed there, and information on today's means of receiving weather information. The original instruments will be located and on loan to the East Tennessee Historical Society museum for display and interpretation. A website will be developed dedicated to providing information about the national and local history of the kiosk.

### **Do You Believe in Miracles? Preserving and highlighting the work of the NWS Olympic Support Unit at the 1980 Winter Olympic Games**

\$12,000

Project leads: John G.W. Kelley; NOAA National Ocean Service; New Hampshire

During the XIII Olympic Winter Games in February 1980 at Lake Placid, NY, three National Weather Service meteorologists provided decision-support weather services to the tens of thousands of people attending, supporting, and participating in the Games. This project will preserve the history of this unique on-site Olympic Support Unit through a special exhibit in 2020 at the Lake Placid Olympic Museum, the 40th anniversary of the 1980 Games. Visitors will hear oral histories from the meteorologists – including how their office had no phones, windows, door, furniture, electricity, or heat – and see original artifacts demonstrating weather's impact on the games.

## **50 years of NOAA Fisheries in the Gulf of Mexico and Beyond**

\$9,500 - *in partnership with NOAA Fisheries*

Project lead: Brandi Noble; NOAA Fisheries; Mississippi

NOAA's Southeast Fisheries Science Center, Mississippi Laboratories has been a big part of the Gulf of Mexico fishing community for more than 50 years. One of its biggest contributions is numerous gear modifications that help sustainable fisheries, the fishing community, and protected species. The MS Labs will open their doors to the public with an Open House in 2020, in conjunction with NOAA's 50th anniversary. Visitors will be able to see the history of the Labs through permanent and mobile displays, including some about fishing gear development, such as a replica of a shrimp trawl with a turtle excluder device and a bycatch reduction device.

## **Gray's Reef Expo: Celebrating NOAA's 50th Anniversary**

\$12,000

Project leads: Michelle Riley; NOAA National Ocean Service; Georgia

In 2020, Historic Savannah's vibrant River Street plaza will host a Tall Ships Challenge, a series of tall ship races and maritime port festivals drawing tens of thousands of people. In this project, Gray's Reef National Marine Sanctuary will create more than 20 exhibits and film screenings – some focused on oral histories – demonstrations, and booths showing festival-goers the unique past, present and future of the sanctuary and NOAA. The displays, which will include elements in Braille, will be housed on a series of unique, curved walls built by the Savannah Technical College.

## **Wyoming Extreme Weather Historical Exhibit**

\$12,000

Project leads: Timothy W. Troutman; NOAA's National Weather Service; Wyoming

Historically, Wyoming has 12 climate and water-related hazards. They include droughts, glacier snow melt, high winds, winter storms, tornadoes, severe storms producing large hail and damaging winds, lightning, fire weather, flash flooding, snow melt flooding, water quality and water quantity. In this project, a traveling educational STEM exhibit for middle-school students will highlight Wyoming's hazardous weather and significant historical events, such as a record blizzard that struck the state in 1949.