

GENTLE.NEWS

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"Don't take life too seriously. Punch it in the face when it needs a good hit.

Laugh at it."

— Colleen Hoover

Young Scientists Win Big Research Awards

Six young scientists at Brookhaven National Laboratory have won special awards. Each scientist will get money to do important research for five years.

The awards are part of a program that helps new scientists. It gives them a chance to do their best work early in their careers. This program has been helping scientists for 16 years now.

Each scientist will receive almost three million dollars. They can use this money to study exciting topics. Some will work on particle accelerators and detectors. Others will study artificial intelligence and special materials.

The lab director is very proud of these scientists. He said having six winners shows how talented the people at Brookhaven are. He is excited to see what discoveries they will make.

One scientist named Syed Haider Abidi will study tiny particles. He works with a huge machine called the Large Hadron Collider. He wants to learn new things about something called the Higgs Boson. He will use smart computer programs to help with his research.

Scientists Use Electricity to Study Yellowstone Hot Springs

Have you ever wondered what lies beneath Yellowstone's beautiful hot springs? Scientists have found a clever way to peek underground without digging holes.

In the past, researchers had to drill deep into the ground to study hot springs. This was dangerous work. The holes would sometimes shoot out steam and hot water! Most of these old holes were sealed up long ago.

Today, scientists use a much safer method. They use special equipment that sends electricity into the ground. This electricity helps them "see" the rocks and water far below the surface.

This new method is called geophysics. It works like an underground camera. Scientists can learn about the hot water systems without disturbing the beautiful park. They can see how the water moves through rocks deep in the earth.

This gentle approach protects Yellowstone's natural wonders. Visitors can still enjoy the hot springs while scientists learn their secrets. It's amazing how electricity helps us understand these natural treasures better.

Technology & Innovation

Ocean Jobs Growing Strong Across America

Good news from our coasts! America's ocean jobs are doing very well.

New numbers show that ocean work is growing fast. In just three years, over 500,000 new jobs were added. Workers also earned 32% more money during this time.

About 3.7 million Americans work in ocean jobs today. Most of them work in tourism and fun activities by the water. These jobs include beach resorts, boat tours, and seaside restaurants. People love visiting our beautiful coasts!

Other ocean workers build ships and boats. Some move goods across the water. Others help build things near the shore. Florida, California, and New York have the most ocean workers.

This information comes from ocean experts who study job numbers. They work with other government groups to count these jobs. The data helps leaders understand how important our oceans are for work and money. It shows that caring for our coasts helps millions of families earn a good living.

Army Officer Studies Science at Research Lab

Army Major Mike Ecklund has a special job at a famous science lab. He works at Oak Ridge National Laboratory in Tennessee. This lab does important research for our country.

Major Ecklund is one of only 300 Army officers with his special training. He learned physics at West Point Military Academy. Now he uses that knowledge to help keep America safe.

At the lab, he works with top scientists every day. They study how materials behave over long periods of time. This helps the Army make better plans and stay ready.

The Major says teamwork is very important. No single group can solve big problems alone. The Army and scientists work together as a team.

Before this job, Major Ecklund was a paratrooper in North Carolina. He helped clear difficult terrain for other soldiers. He says that work taught him to keep learning new skills. It also showed him the value of helping others succeed.

Animals & Wildlife

Scientists Study Alaska Cod Fish Families

Scientists have made an exciting discovery about cod fish in Alaska waters. They studied the fish to learn about different family groups.

A team from Alaska worked together on this project. They collected fish samples from different areas. The scientists used special tools to study the fish genes.

The research showed something amazing. There are four different cod family groups in Alaska. Each group lives in its own special area of the ocean.

The Eastern Gulf has one family group. The Western Gulf and Bering Sea share another group. The Aleutian Islands have their own family. The Northern Bering Sea also has a unique group.

Scientists found that some cod families mix together. Fish from different areas sometimes swim to new places. This helps scientists understand how cod families grow and move around Alaska's waters.

Activity Time - Word Search

Find the words below in the puzzle. Words go across or down only.

Words to Find:

SCIENCE

AWARDS

OCEAN

BOATS

OCEAN

WATER

ARMY

