

GENTLE.NEWS

In Today's Edition

Science & Discovery

American Scientist Wins Top Government Science Award

Nature & Environment

Kansas Teachers Sail the Ocean for Science

Technology & Innovation

Astronaut Takes on New Role Leading NASA Engineers

Health & Wellness

Kind Parenting Helps Children Feel More Joy

Animals & Wildlife

Sea Turtles Nest on U.S. West Coast for First Time

Activity Time

Word Search Puzzle

"You can have it all. Just not all at once."

— Oprah Winfrey

American Scientist Wins Top Government Science Award

A scientist named Lijuan Ruan has won one of America's highest science honors. She works at Brookhaven National Laboratory in New York. The award is called the Ernest Orlando Lawrence Award.

The U.S. government started giving this award back in 1959. That means it has been around for over 65 years. It is one of the oldest and most respected science awards in the country.

Dr. Ruan studies very tiny pieces of matter called quarks. These are smaller than atoms. She helped build a special machine called the STAR detector. This machine helps scientists learn how matter behaved just after the universe was born.

Eight other scientists are also receiving this honor. All of them have done important work in science and technology. They will be celebrated at a special ceremony in Washington, D.C.

It is wonderful to see scientists like Dr. Ruan recognized for their hard work. Her discoveries help us better understand the universe we all live in. Science like this gives us a deeper picture of how everything around us came to be.

Kansas Teachers Sail the Ocean for Science

Two teachers from Kansas had a remarkable adventure this summer. They left their landlocked state and sailed on real ocean research ships. The experience changed them — and their students — forever.

Amelia Black teaches in Topeka, Kansas. She sailed to the Gulf of Mexico to help scientists count fish. Guy Sturdevant teaches in Wichita, Kansas. He traveled all the way to Alaska's Bering Sea. There, he helped study a fish called pollock. You may know it from fish sticks!

Both teachers worked 12-hour shifts alongside real scientists. They saw ocean life up close. They took photos and wrote stories to share back home. Their students could follow along from their classrooms.

The NOAA Teacher at Sea Program made this possible. NOAA is a government science group. Since 1990, it has taken more than 900 teachers onto research ships. These two were only the 9th and 10th teachers from Kansas to ever take part. That makes their journey extra special.

Both teachers wanted their students to dream bigger. Even kids far from the ocean can become ocean scientists. The sea belongs to everyone — no matter where you live.

Astronaut Takes on New Role Leading NASA Engineers

A famous astronaut has a big new job at NASA. Christina Koch will now help lead NASA's team of engineers. She is known for her amazing work in space.

Koch once lived on the Space Station for nearly a year. That is a very long time to be away from Earth! She also flew around the Moon on the Artemis II mission. That made her part of space history.

In her new job, Koch will help make sure NASA's missions are safe and ready to go. She will work with engineers across many programs. Her time in space helps her understand the work in a deep way.

NASA's leader said Koch has seen engineering "from both sides." She helped build spacecraft on the ground. Then she trusted her life to those same machines in space. That gives her very special knowledge.

Koch takes over from Katherine Van Hooser, who is retiring after 35 wonderful years at NASA. Leaders praised her long and dedicated service. NASA's future looks bright, with plans to return to the Moon, build a Moon base, and one day travel to Mars. It is an exciting time for space exploration!

Kind Parenting Helps Children Feel More Joy

A new study brings good news for parents and grandparents. The way we raise young children can help them feel more joy as they grow up.

Researchers at the University of Notre Dame made this discovery. Psychologist Kaylin Hill has spent 15 years studying how parenting affects children's feelings. She found that warm, caring parenting during the preschool years makes a real difference.

Children who receive loving guidance learn how to feel joy and satisfaction. This positive effect stays with them all through their teenage years. Those are the years when young people need the most emotional support.

Simple acts of kindness matter greatly. Praising a child and encouraging them helps build happiness deep inside. These small moments of love can shape how a child feels for many years to come.

This research appears in a journal called Communications Psychology. Dr. Hill believes families have great power to help children thrive. Her work gives us all a reason to feel hopeful about the next generation.

Sea Turtles Nest on U.S. West Coast for First Time

Something wonderful happened on the California coast this fall. For the very first time, sea turtles laid eggs on the U.S. West Coast. It was a historic moment for wildlife lovers everywhere.

Two olive ridley sea turtles came ashore near Seal Beach and Huntington Beach in mid-September. These gentle creatures usually nest much farther south, in Mexico. No one had ever seen them nest here before.

Scientists and wildlife experts worked quickly to protect the eggs. A storm was coming that could have washed the nests away. Carefully, the team collected more than 200 eggs from the two beaches.

The eggs were moved to the Aquarium of the Pacific in Long Beach, California. There, experts keep them warm and safe in a special room. The eggs are watched closely every day by caring scientists.

Many groups worked together to make this happen. Wildlife agencies, local fire and safety departments, and the aquarium all joined hands. Their teamwork may help sea turtles find a new home on our shores for years to come. What a wonderful gift from nature!

Activity Time - Word Search

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

Words to Find:

DETECTOR PHYSICS SCIENCE FAMILY
MATTER NEST SHIP

E	Q	M	F	Y	V	L	M	V	P	X
O	X	V	A	N	Z	L	M	D	S	D
N	E	S	T	J	G	P	T	L	C	R
C	C	P	A	D	U	H	V	M	I	R
Z	M	F	M	E	O	Y	L	T	E	F
P	A	A	X	T	U	S	R	K	N	I
V	T	M	S	E	R	I	E	W	C	R
A	T	I	H	C	P	C	I	J	E	V
Q	E	L	I	T	Q	S	B	V	R	I
P	R	Y	P	O	B	U	Z	E	L	S
P	Y	N	S	R	R	N	B	G	H	I