

...ation for designing new pesticides and better materials for bulletproof vests, space gear, biodegradable fishing lines and even fashionable dresses.

Hayashi has been at this for 20 years, but improved technology only recently let scientists analyze the DNA of silk faster and produce artificial spider silk in bulk.

"Any function that we can

...geared like a jigsaw puzzle. That's a daunting task, and it's especially difficult for spiders, because their genes are very long and repetitive.

It's as if the sentence "The quick brown fox jumps over the lazy dog" is instead, "The quick brown fox jumps, jumps, jumps, jumps, jumps, jumps, jumps, jumps over the lazy dog," said Sarah Stellwagen

40,000.

Technology has improved. Researchers can now determine genes from beginning to end without first chopping them up. And companies have gotten ever closer to mass-produced synthetic silks.

Now, it's a matter of uncovering the secrets of the potentially thousands of other silks out there.

...outside for long, much less work or play.

As the entire Southeast baked amid heat warnings and advisories that reached from central Texas to coastal Georgia, construction workers toiled under a blazing sun in Louisiana. Alabama's largest city opened its auditorium as a refuge for anyone needing to cool down.

Some schools and coaches limited football practice for players getting ready for the upcoming season, and social media was dotted with photos showing automobile thermometers with triple-digit readings.

Forecasters said a cold front and storms could lead

Former slave, Civil War hero is topic at Scenic Regional Library

The story of Archer Alexander, a St. Louis resident, Civil War hero and former slave, will be told at the Warrenton Scenic Regional Library Aug. 27 at 6 p.m.

Alexander served as the model for the Emancipation Memorial in Washington, D.C. Author

and historian Dorris Keeven-Franke will tell the story of Alexander's life at the library.

Alexander was forced to flee St. Charles County in 1863 after warning the Union Army of the activities of his pro-slavery master. He was awarded his freedom, became immortalized

as the face of freed slaves, and was the subject of an 1885 biography.

Those interested in attending the library program can RSVP by calling 636-456-3321, visiting the library at 912 S. Highway 47, or going online to ScenicRegional.org.



SCHOOL STAFF MARK 15 YEARS
Warren County School District on Aug. 5 recognized staff who have been with the district for 15 years. Pictured, from left, are Jessica Napier, Laura Schmidt, Donella Smith and Sharon Weeks.
Record photo/Adam Rollins.



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