

Tulane Makes CNN's 5 Things for Biden's Cancer Moonshot Initiative

Bethany Jones August 14, 2024 9:00 AM

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5 things

5 things to know for Aug. 14: Storm watch, 2024 race, Campus protests, Ukraine incursion, Cancer research

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(CNN) — Here's what else you need to know to **Get Up to Speed and On with Your Day**.

5. Cancer research

President Joe Biden made a [major cancer funding announcement](#) Tuesday in his first official trip since dropping out of the 2024 race. The "Cancer Moonshot" program, founded while Biden was vice president and bolstered with billions in new funding since 2022, aims to provide cutting-edge research to halve the number of cancer deaths in the coming decades. Biden highlighted \$150 million in [new research awards to eight organizations](#), including \$23 million to [Tulane University](#) — the backdrop for the announcement. This comes as the White House is working to disburse as much funding as allowable under current programs, with uncertainty looming in November. The topic of the trip was also personal for the president: His [eldest son Beau Biden](#) died at age 46 in 2015 after battling brain cancer.

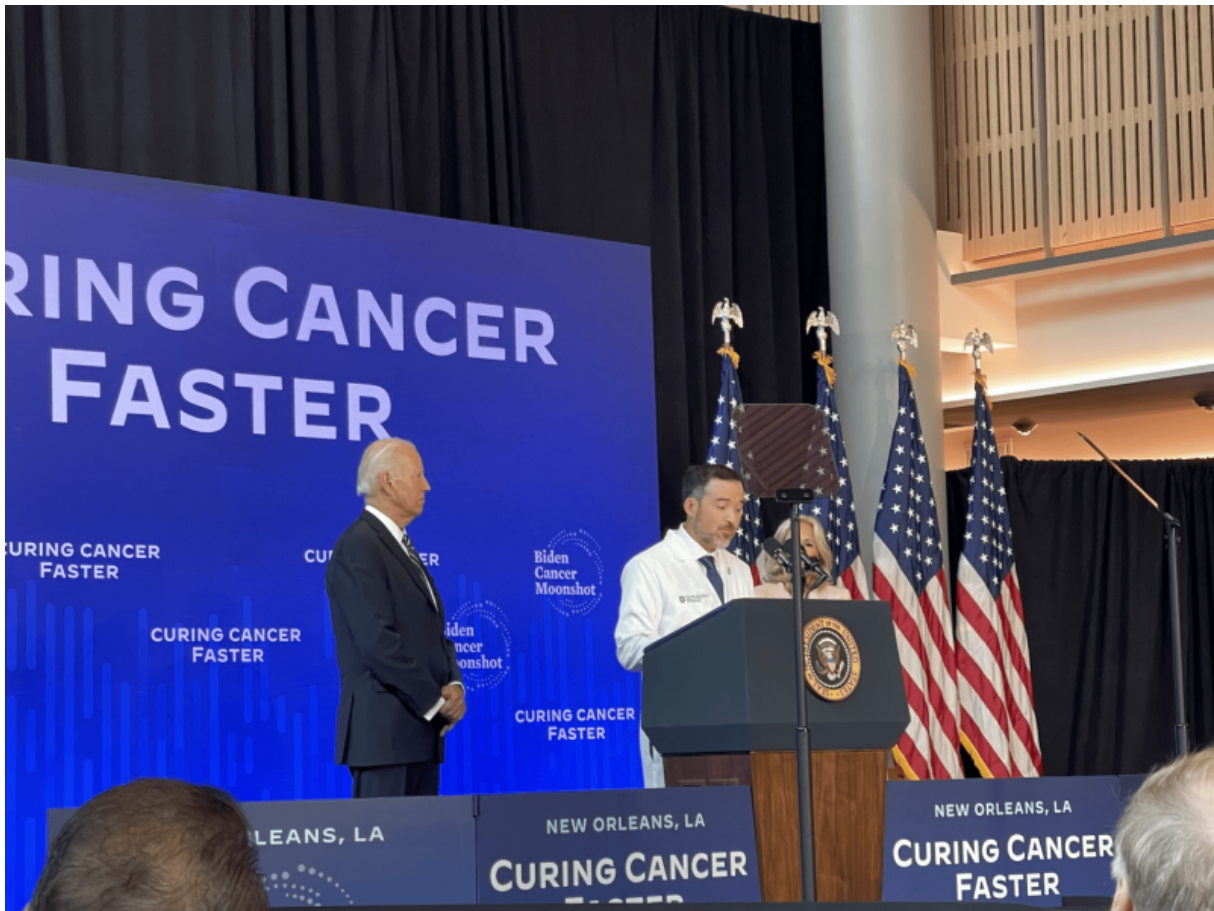


5 things

Tulane University was highlighted in [CNN's "5 Things"](#) as a key player in President [Joe Biden's recent announcement of \\$150 million](#) in new funding for cancer research. The funding is part of the "Cancer Moonshot" initiative, a program Biden has championed since his time as vice president. The program's ambitious goal is to halve the number of cancer deaths in the coming decades through advancements in

cutting-edge research and innovation. Tulane's involvement underscores its position as a leader in the fight against cancer, with \$23 million of the new funding awarded to the university.

President Joe Biden and First Lady Jill Biden visited Tulane University yesterday to personally announce this significant award. The funding will support the development of a groundbreaking [MAGIC-SCAN](#) (Machine-learning Assisted Gigantic Image Cancer margin SCANner) imaging system that allows doctors to scan a tumor during surgery and determine within minutes whether any cancer tissue has been left behind. This advancement has the potential to revolutionize cancer treatment, ensuring that all cancerous tissue is removed in a single operation, thereby reducing the need for repeated invasive surgeries. This innovation could significantly improve patient outcomes and recovery times.



J. Quincy Brown, PhD, associate professor of biomedical engineering in the Tulane School of Science and Engineering explains in more depth about the MAGIC-SCAN project.

The university's research capabilities and commitment to addressing one of the most pressing health challenges of our time were key factors in its selection for this substantial grant. The inclusion of Tulane University in such a high-profile initiative not only reflects the institution's excellence in research but also its potential to contribute to groundbreaking discoveries in cancer treatment. With this new funding, Tulane is poised to make significant strides in the Cancer Moonshot's mission to reduce cancer mortality and improve the lives of millions affected by the disease. The university's commitment to pushing the boundaries of medical technology and enhancing patient care places it at the forefront of the national effort to combat cancer.

Related Resources

- [Tulane Cancer Center](#)
- [President Joe Biden will announce up to \\$23 million in funding for Tulane University to invent advanced cancer imaging system](#)
- [ARPA-H announces awards to develop novel technologies for precise tumor removal](#)
- [The President and First Lady's Cancer Moonshot](#)
- [Tulane and The Cancer Moonshot](#)
- [First Lady of the United States visits Louisiana Cancer Research Center](#)
- [Tulane president joins Joe Biden in hospital tour](#)