



DIVISION OF RESEARCH
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2022 issue of research@Texas A&M ... the Magazine is now online

Published by the Division of Research, the digital publication offers interesting stories about remarkable projects from scientists, engineers and scholars across the Texas A&M research enterprise

By Research Communications and Public Relations

BRYAN-COLLEGE STATION, Texas, August 31, 2022 – The new issue of research@Texas A&M ... the Magazine is available online, the Division of Research announced today. Now in its second year, the digital publication presents interesting stories about ground-breaking projects within Texas A&M University's \$1.148 billion research enterprise.

The new issue is available online <https://research.tamu.edu/2022magazine>.

The articles feature faculty-researchers from A&M's current colleges or schools as well as the Galveston campus and two state agencies.

"We received such a positive response to our inaugural issue in 2021 that we were inspired to produce this 2022 issue," Vice President for Research Jack G. Baldauf said. "Our goal is to give our readers the inside stories on how these projects evolve and make an impact."

This year's issue includes stories about:

- A new aging study, the largest research project of its kind, which focuses on improving our understanding of dogs and humans with help from pet owners across the country. Kate Creevy is the project's chief veterinary officer and professor in the Department of Veterinary Internal Medicine.
- The first-ever global measurement of how much Earth's frozen regions have shrunk since 1979, featuring Oliver Frauenfeld, associate professor in the Department of Geography.
- The Avian Health Complex, where scientists study macaws, monk parrots, cockatiels and other exotic species, with Sarah A. Hamer, director of the Schubot Center for Avian Health and associate professor in the Department of Veterinary Integrative Biosciences.
- A \$2 million project that aims to dramatically reduce soda bottles, grocery bags and other plastic waste in the world's environment and landfills by identifying and enhancing microbes that consume plastic, featuring Arum Han, professor in the Department of Electrical & Computer Engineering.

- A new hybrid turfgrass that combines the best traits of everyday St. Augustine—but needs as little as half the water, with Ambika Chandra, professor in the Department of Soil and Crop Sciences as well as a turfgrass breeder with Texas A&M AgriLife Research in Dallas.
- Pioneering research to answer the question: Why is a habit so hard to break? The story features Brian Anderson, associate professor in the Department of Psychological & Brain Sciences.

The magazine also debuts the Arts & Humanities Fellows Program's third showcase of animated shorts, which explore the outstanding scholarship and creativity of its Class of 2017. The videos spotlight six A&M faculty members who recently completed their three-year fellowships.

In addition, the 2022 edition includes an eight-story package about space research at Texas A&M as well as a compendium of eight brief stories from across the research enterprise.

Research Communications and Public Relations produces the magazine for the Division of Research.

About Research at Texas A&M University: As one of the world's leading research institutions, Texas A&M is at the forefront in making significant contributions to scholarship and discovery, including in science and technology. Research conducted at Texas A&M generated annual expenditures of more than \$1.148 billion in fiscal year 2021. Texas A&M ranked 14th in the most recent National Science Foundation's Higher Education Research and Development Survey based on expenditures of more than \$1.131 billion in fiscal year 2020. Texas A&M's research creates new knowledge that provides basic, fundamental and applied contributions resulting, in many cases, in economic benefits to the state, nation and world. To learn more, visit [Research@Texas A&M](#).

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