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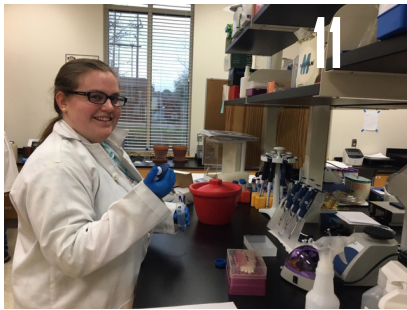
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**FEATURE ARTICLE:
E&S RESEARCH OUTREACH: GETTING
PASSIONATE PEOPLE INTO RESEARCH!**

Students can become involved in laboratory work and research at any point during college. Student research positions are prevalent at Louisiana Tech, as its professors are experts in and routinely involved in so many research topic areas.

IN THIS ISSUE

- 1 GLOBAL GRAND CHALLENGES SUMMIT: ENGINEERING IN AN UNPREDICTABLE WORLD**
The Global Grand Challenge Summit (GGCS) is a multinational, biennial gathering of students and individuals in engineering. Participants collaborate on engineering challenges to improve society.
- 14 THE ENDEAVOR TO DEVELOP A BANDAGE BOUND WOUND HEARING SENSOR**
Researchers in Scotland have recently begun to develop bandages containing sensors that will use sound vibrations to determine the progress of a wound healing.
- 15 CHANGING ENERGY SECURITY IN THE FACE OF CLIMATE CHANGE**
Climate change is a massive challenge for modern society, and trying to combat it and maintain energy security is a complex problem for all governments.
- 16 JAPAN'S FLYING CAR**
Japan's flying car prototype paves the way for a new and exciting future for the transportation of humans and goods across considerable distances.
- 17 SODIS: ETCHING TITANIUM DIOXIDE BEFORE ADDING GOLD-NANOPARTICLES**
The process of solar disinfection of unclean water around the world can be improved by etching titanium dioxide to allow for increased surface area and improve interaction with gold nanoparticles.
- 18 NATURAL SCIENCE: THE ATACAMA DESERT**
The Atacama Desert of northern Chile is one of the driest environments on Earth. Because of this arid environment, the desert provides unique opportunities for scientists studying life and the cosmos.

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