

# EXPANDING YOUR HORIZONS

Dr. Christopher Maples, Interim Chancellor  
October 5, 2018

MISSOURI  
**S&T**





# BLOWING IT UP



Dr. Catherine Johnson  
Assistant Professor of Mining  
and Explosives Engineering



S&T has the nation's only Ph.D.  
in explosives engineering

(We have an explosives  
summer camp, too!)





# SCIENCE ROCKS



Dr. Leslie Gertsch  
Associate Professor of  
Geosciences and  
Geological and  
Petroleum  
Engineering

Meteorite

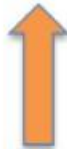




# DESIGNING A FUTURE



Katelyn Brinker, awarded top IEEE honor, earned NASA Fellowship



2017 world champs  
(Missouri S&T Mars Rover  
Design Team, the 2017  
University Rover Challenge  
winners)





# FINDING FAR-OUT WORKPLACES

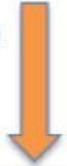
LEGOs based  
on real  
women in  
space



↑ Real women in space who graduated from Missouri S&T  
(Janet Kavandi and Sandy Magnus)

# SOMETHING TO SING ABOUT

Dajae Moe  
Williams with  
her mentor,  
Dr. Susie  
Long



Dajae was selected as a speaker at her graduation ceremony in December 2017. She now works at NASA.





# FROM S&T STUDENT TO DOCTOR



Katie Payne, medical school student  
in Kansas City, Missouri



Dr. Karlynn Sievers, family medicine  
doctor in Grand Junction, Colorado





# CONDUCTING CANCER RESEARCH

S&T is home to Missouri's first university nuclear research reactor

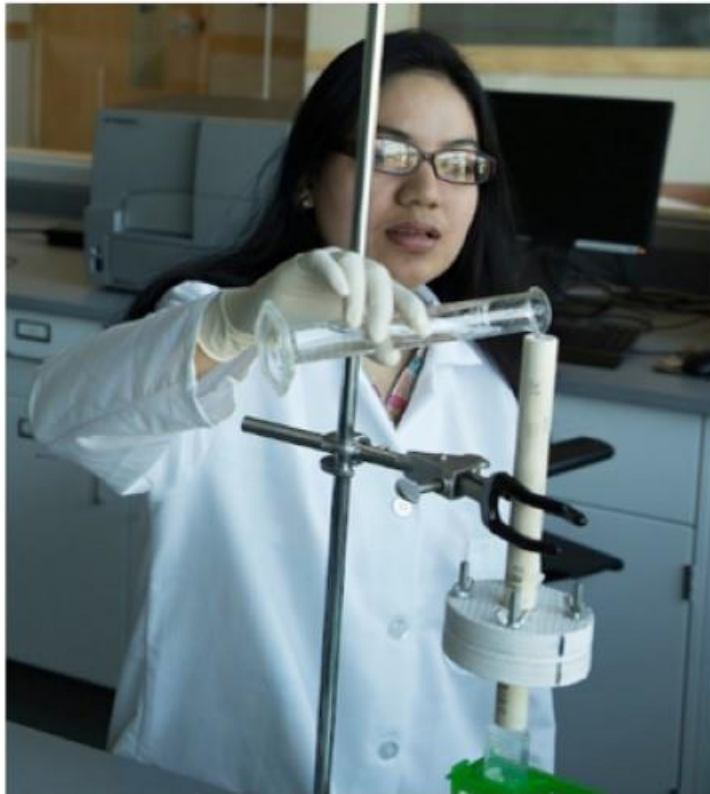
Ph.D. student Maria Camila Garcia Toro and Dr. Carlos Henry Castano Giraldo display vials of nanoparticles →





# PATENTING AND PUBLISHING

Dr. Sutapa Barua, assistant professor of chemical and biochemical engineering



Dr. Risheng Wang, assistant professor of chemistry and mentor to Rachel Nixon



# THANK YOU!





# KEYNOTE SPEAKER

**“Be Open to  
Opportunities  
and Possibilities”**



**Karen Squires Foelsch**  
Principal Consultant  
MSG Consulting