



STATE OF ALABAMA
DEPARTMENT OF EDUCATION



Michael Sentance
 State Superintendent
 of Education

FOR IMMEDIATE RELEASE
December 15, 2016

CONTACT: Communication
334-242-9950
comm@alsde.edu

Alabama
 State Board
 of Education

Governor
 Robert Bentley
 President

Matthew S. Brown, J.D.
 District I

Betty Peters
 District II

Stephanie Bell
 District III

Yvette M.
 Richardson, Ed.D.
 District IV
 Vice President

Ella B. Bell
 District V

Cynthia McCarty, Ph.D.
 District VI

Jeff Newman
 District VII

Mary Scott Hunter, J.D.
 District VIII
 President Pro Tem

Michael Sentance
 Secretary and
 Executive Officer



**MADISON COUNTY SCHOOL SYSTEM SCIENCE TEACHER SELECTED FOR
 FELLOWSHIP PROGRAM IN NORTHROP GRUMMAN FOUNDATION
 TEACHERS ACADEMY**

Montgomery, Ala. — A Madison County School System science teacher is a member of the second class of teaching fellows who will receive the opportunity to translate hands-on experience in a high-tech environment. This effective classroom program creates a spark in innovation that builds students’ knowledge of STEM.

The Northrop Grumman Foundation and the National Science Teachers Association (NSTA) announced that Tina McKenzie, a teacher at [Endeavor Elementary School](#), Madison County School System, was chosen to participate as a Teacher Fellow in the [2016-2017 Northrop Grumman Foundation Teachers Academy](#). The only teacher selected from Alabama, McKenzie will participate with 24 other educators in a number of science, engineering, and technology-related activities and professional learning opportunities.

“We are excited to welcome our second class of Northrop Grumman Foundation Teachers Academy Fellows,” said Sandra Evers-Manly, vice president, Global Corporate Responsibility, Northrop Grumman and President, the Northrop Grumman Foundation. “These distinguished educators play a critical role in igniting the naturally inquisitive nature of today’s youth. We hope that participation in the Academy and the partnership with local Northrop Grumman sites will provide them with additional tools and resources needed to explore the exciting fields of science, technology, engineering and math in their classrooms.”

“Now more than ever, we need to assist teachers in developing their industry-specific skills so that they feel more confident about their ability to lead lessons that go beyond content coverage and provide students with opportunities to think deeply and make sense of the world around them,” said NSTA Executive Director Dr. David Evans.

-more-

Madison County School System Science Teacher Selected For Fellowship Program

Page 2

December 15, 2016

“The 2016-2017 Teacher Fellows possess the determination, commitment, and aptitude to enrich science, technology, engineering, and math education in their classrooms and beyond,” Evans continued.

The Teacher Fellows were selected on the basis of several criteria, including displaying a strong desire to advance STEM education and applying real-world applications in the classroom. During their fellowship, recipients will:

- Participate in a five-day workshop at a Northrop Grumman facility during the summer of 2017, where they will discuss teaching strategies for integrating effective and authentic engineering design practices in their classroom;
- Attend the [NSTA National Conference on Science Education in Los Angeles](#), March 30-April 2, 2017, where they will engage in the latest instructional practices related to the [Next Generation Science Standards](#);
- Participate in an immersive, 80-hour externship at a local Northrop Grumman facility where they will be partnered with an engineer/technologist to observe and experience critical workforce skills in action;
- Develop lesson(s)/units that integrate an authentic and real-world application linked to their externship experiences; and
- Develop tools/resources to share with colleagues to help build capacity for engineering and technology instruction within their schools and districts.

The Teacher Fellows will also receive a comprehensive NSTA membership package and an opportunity to participate in a variety of web-based professional learning activities, including a specially designated online learning community.

Launched during the fall of 2015, the Northrop Grumman Foundation Teachers Academy was established to help enhance teacher confidence and classroom excellence in science, engineering and technology, while increasing teacher understanding about the skills needed for a scientifically literate workforce.

For a list of the 2016-2017 Teacher Fellows or to learn more about the Northrop Grumman Foundation Teachers Academy, visit <http://www.nsta.org/northropgrumman/>.

###