Cooper Awarded Churchill Scholarship
Christopher Cooper, a senior majoring in chemical engineering and economics at NC State, has been awarded a prestigious 2017 Churchill Scholarship. This is the second consecutive year NC State has had a Churchill scholar. Created at the request of Sir Winston Churchill, the Churchill Scholarship provides funding to American students for a year of Master’s study in science, mathematics, and engineering at the University of Cambridge, to foster scientific exchange between the U.S. and the United Kingdom.

Goodnight Scholars Open Doors to Transfer Students
Beginning in fall 2017, the Goodnight Scholars Program will begin accepting transfer students. High-achieving transfer students in the STEM and STEM-educational fields who received their associate degrees from North Carolina community colleges and have an income level below $100,000 will be qualified for the program. The scholarship will cover the full cost of attendance for two years, allowing transfer students to complete their bachelor degree. With transfer students, the total number of Goodnight Scholars will be 210 for 2017-18 academic year.

Barrangou Wins National Academy of Sciences Award in Molecular Biology
Dr. Rodolphe Barrangou, Todd R. Klaenhammer Distinguished Scholar in Probiotics Research and Associate Professor in the Department of Food, Bioprocessing and Nutrition Sciences, will receive the 2017 National Academy of Sciences (NAS) Award in Molecular Biology. The NAS Award recognizes a notable discovery by a U.S. scientist no older than 45 years of age.

Three Named Fellows by National Academy of Inventors
Three College of Engineering faculty members are being named fellows by the National Academy of Inventors (NAI): B. Jayant Baliga, Distinguished University Professor of Electrical Engineering; Ruben Carbonell, Frank Hawkins Kenan Distinguished Professor of Chemical Engineering; and, Frances S. Ligler, Lampe Distinguished Professor in the Joint NC State-UNC Chapel Hill Department of Biomedical Engineering. All three honorees are members of the National Academy of Engineering.

Governor James E. Holshouser Jr. Award for Excellence in Public Service
Steve McKeand, a professor of forestry and environmental resources in the College of Natural Resources and director of the Cooperative Tree Improvement Program, received the Governor James E. Holshouser Jr. Award for Excellence in Public Service from the Board of Governors of the University of North Carolina. His tree-breeding work has given loblolly and longleaf pine trees a genetic advantage to combat disease, pests and a changing climate, and it’s given forest landowners a competitive market advantage.
National Institute for Innovation in Manufacturing Biopharmaceuticals
NC State is part of a new initiative aimed at advancing U.S. leadership in the biopharmaceutical sector, called The National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL). It will be coordinated by the University of Delaware and is supported with a 5-year, $70 million grant from the U.S. Department of Commerce and at least $129 million from a consortium of 150 companies, educational institutions, research centers, coordinating bodies, non-profits and Manufacturing Extension Partnerships across the country. NIIMBL is the eleventh institute in the overall Manufacturing USA initiative, and NC State's fifth.

DARPA Grant to Fight Influenza Virus
The Defense Advanced Research Projects Agency (DARPA) awarded a $5 million grant to fund research that uses therapeutic interfering particles (TIPs) to combat the spread of influenza strains. The engineered defective viruses will piggyback on functional viruses, wasting vital resources needed for virus replication. If this project proves successful, it could potentially alter antiviral development for diseases like Zika, Ebola and HIV. Ruian Ke, an assistant professor of mathematics and member of NC State's Precision Medicine faculty cluster, will work alongside researchers from the University of Illinois at Urbana-Champaign, Duke University, Rutgers University, and Montana State University on this project.

Math Tool Receives NSF Grant
College of Education’s Professor Jere Confrey’s Scaling Up Digital Designs (SUDDS) team seeks to make cultivating math skills for young students more attainable and enjoyable. The SUDDS team consists of education researchers, software developers and designers who work to create educational technologies that address learning challenges children face in innovative ways. Their Math Mapper 6-8 tool, a product designed for middle school mathematics teachers to use with their students, recently received a $3 million grant from the National Science Foundation.

Alumna’s Novel Adapted to TV Series
Therese Fowler, a graduate from NC State’s MFA in Creative Writing program, is the author of Z: A Novel About Zelda Fitzgerald. First published in 2013, Fowler’s book served as inspiration for the Amazon Studios bio-series Z: The Beginning of Everything, starring Christina Ricci and David Hoflin as Zelda and F. Scott Fitzgerald. The series began streaming in January 2017.

NC State Earns Top Marks
- NC State is ranked among Kiplinger's Best College Values, #18 for in-state public colleges and #76 for all U.S. colleges.
- U.S. News & World Report rated Engineering Online, NC State’s online graduate degree program, ninth in the nation for 2017.
- The American Society for Engineering Education ranked NC State’s Department of Computer Science first in the nation in number of female tenure-track/tenured faculty.
- NC State’s Entrepreneurship Clinic was named “Outstanding Emerging Entrepreneurship Program” by US Association for Small Business and Entrepreneurship.