



Emeritus College

TANJU KARANFIL
vice president for research

*“You all built this.
You started the
FOUNDATION”*



continuing to

ADVANCE

research & scholarship



continuing to

LEAD



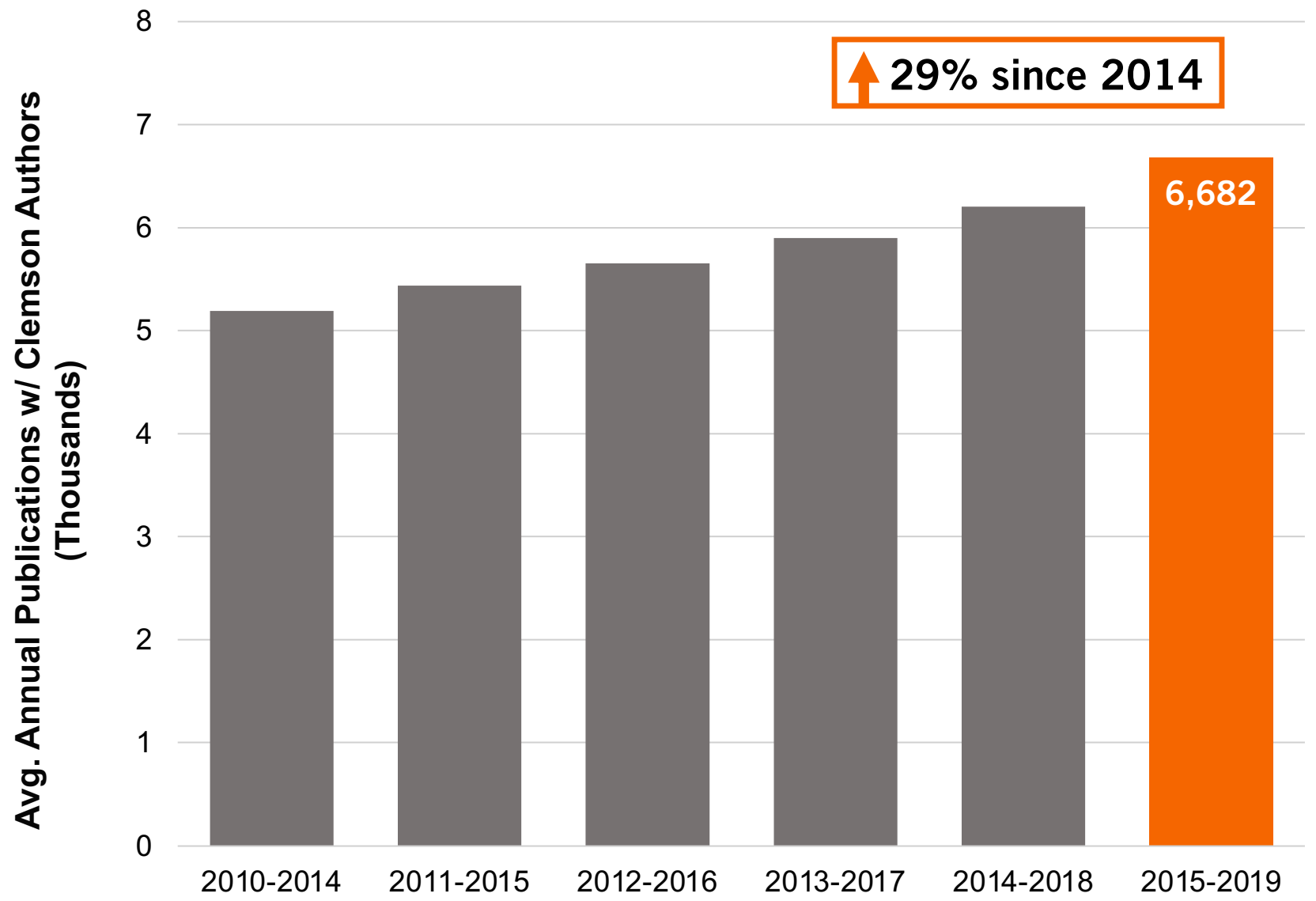
A grayscale photograph of a person standing in a field, holding a flag with a paw print logo. The sun is shining brightly behind the person, creating a lens flare effect. The background shows a body of water and a line of trees under a cloudy sky. A semi-transparent white box with an orange border is overlaid on the image, containing the text "A Winning Culture".

A Winning Culture

key achievements



Journals publishing more Clemson research



key achievements

COURAGE
EQUALITY
HUMILITY
CONFIDENCE
TEAMWORK
DISCIPLINE

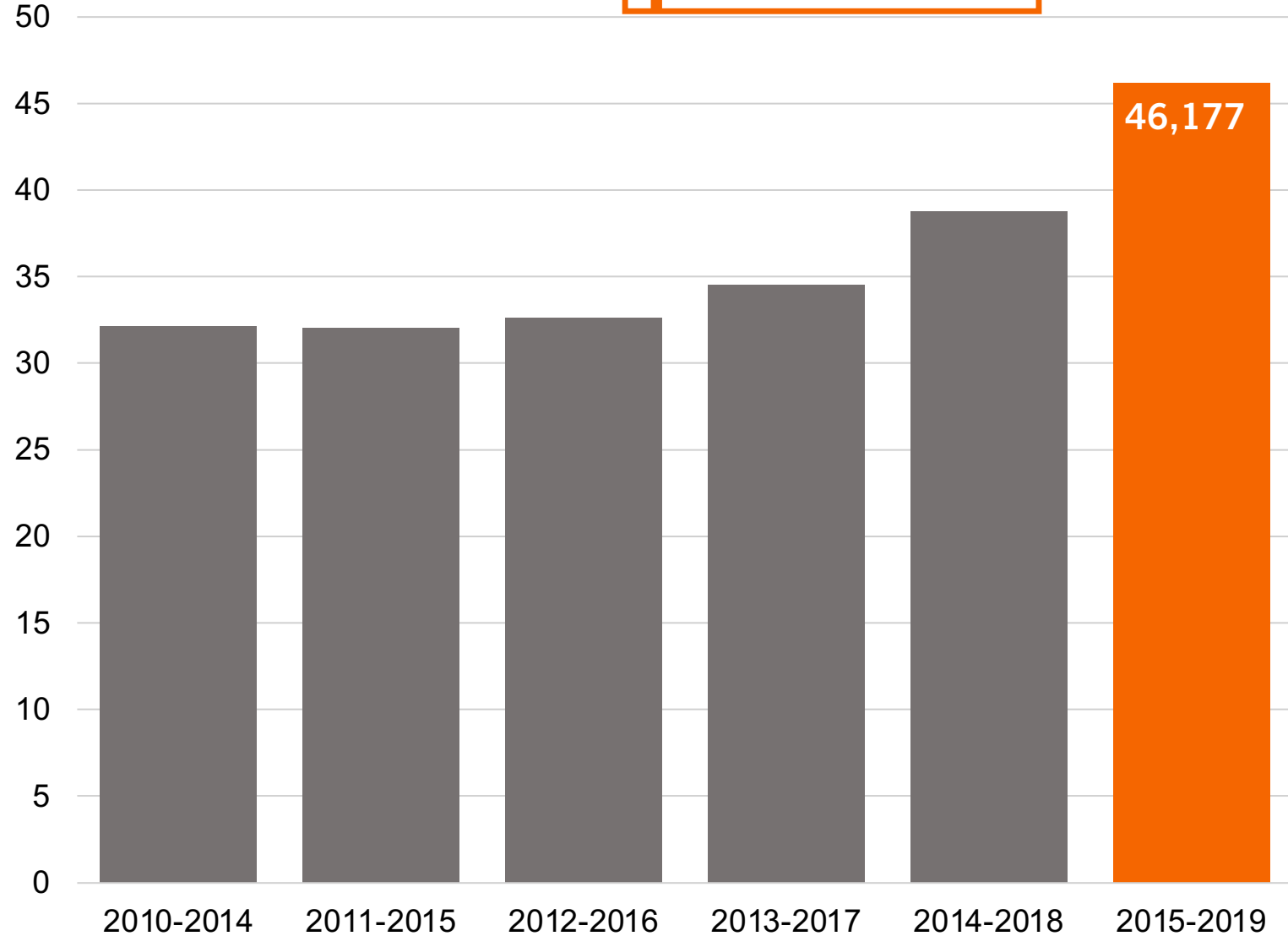


Clemson research increasingly cited



↑ 44% since 2014

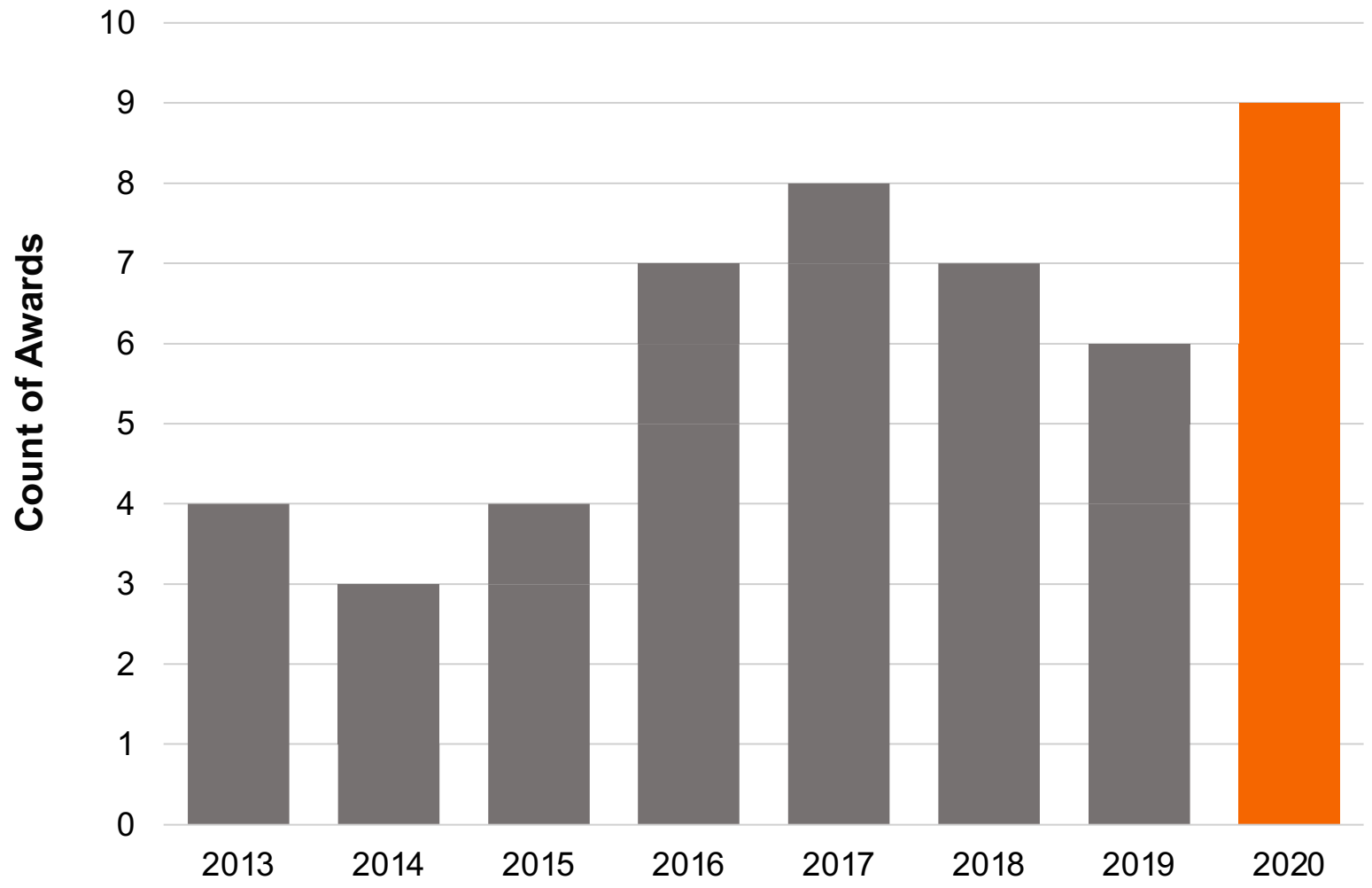
Total Annual Citations for Clemson Authors
(Thousands)



key achievements



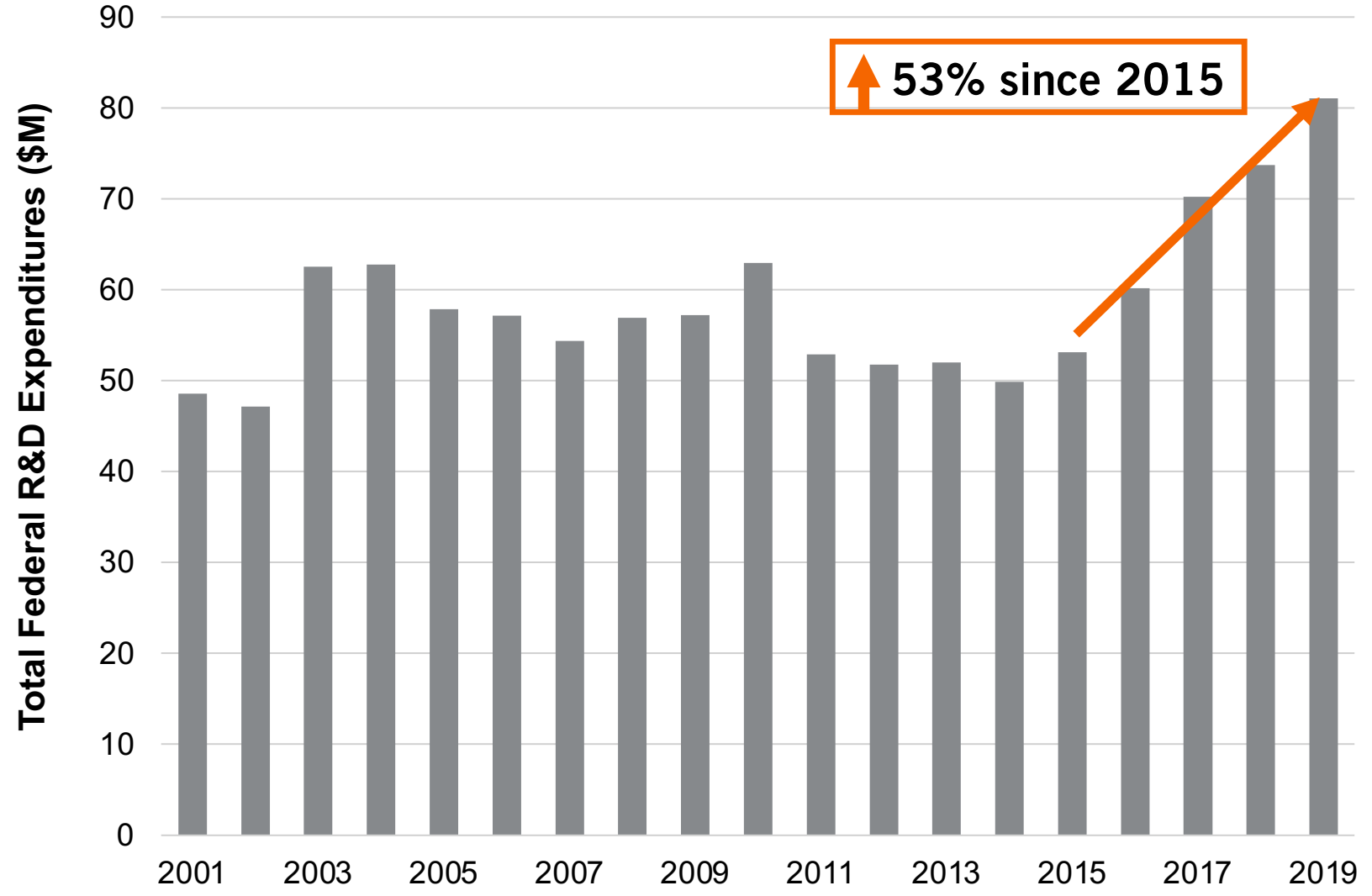
Junior faculty earning career awards



key achievements



Federal Expenditures Increasing Sharply

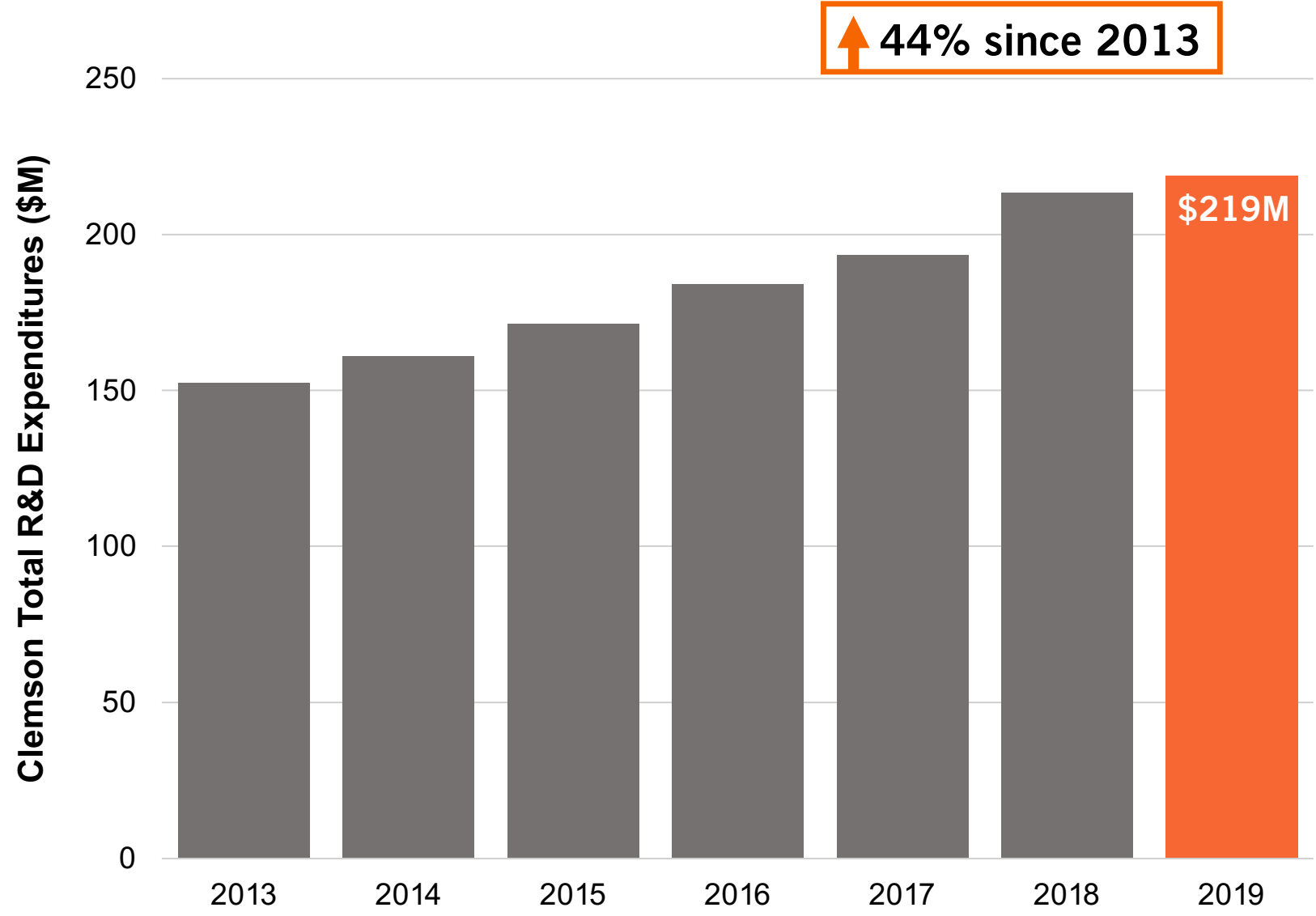


key achievements



Total R&D Expenditures continue rise

 44% since 2013

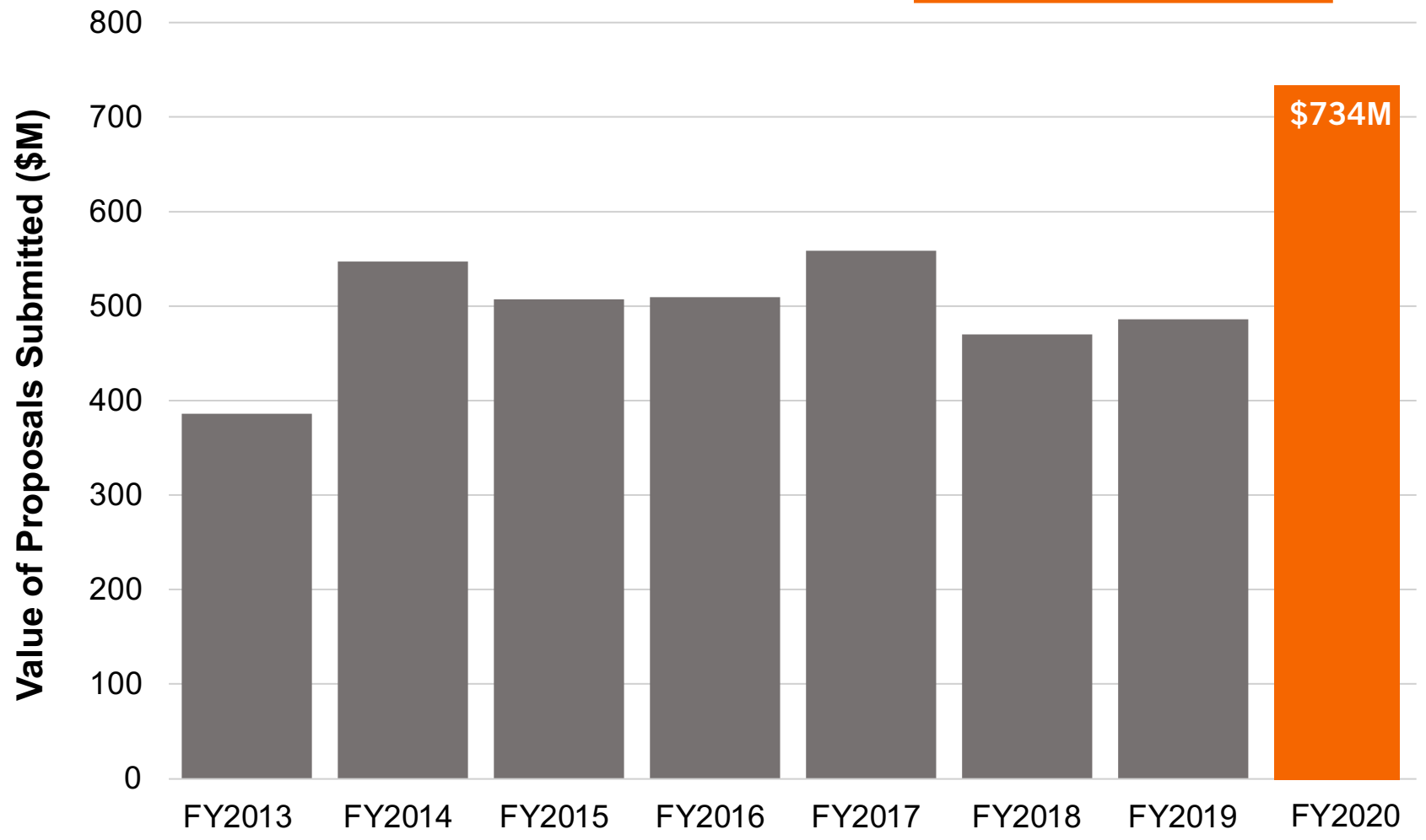


key achievements



Proposal submissions hit 8-year high

 90% since 2013



National, International Recognition



major accomplishments



National and International Recognition

Students

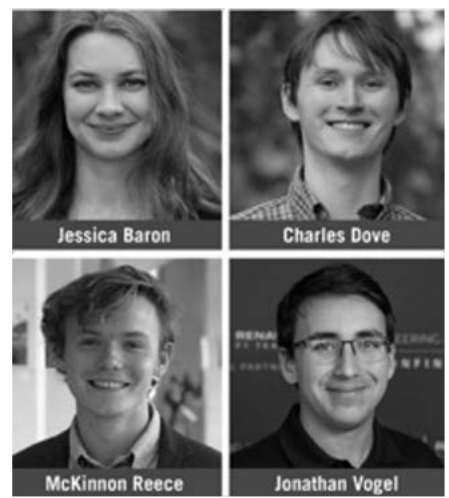
3 Goldwater Scholarships



6 NSF Research Fellowships



4 Fulbright Awards



major accomplishments

National and International Recognition



Faculty



Hala Nassar: **One of four** named 2020 Fellow by the Council of Educators in Landscape Architecture



Aleda Roth: Research **award created in her name** by Production & Operations Mgt. journal



Gary Machlis: **Appointed** to group by National Academies of Sciences, Engineering and Medicine



Robert Hewitt: Named **Fellow** of the American Society of Landscape Architects



Angeline Scheinbaum: earned **Great Mind Award** from the Advertising Research Foundation



Kyle Brinkman: Named **Fellow** of The American Ceramic Society



major accomplishments

National and International Recognition



Faculty



Laine Mears: Named among **20 Most Influential** professors in smart manufacturing by SME



Terry Tritt: Intl. Thermoelectric Society 2020 **Outstanding Achievement Award**



June Pilcher: **Elected to board** of The Honor Society of Phi Kappa Phi



Sukumar Brahma: named **Fellow** of the Institute of Electrical & Electronics Engineers



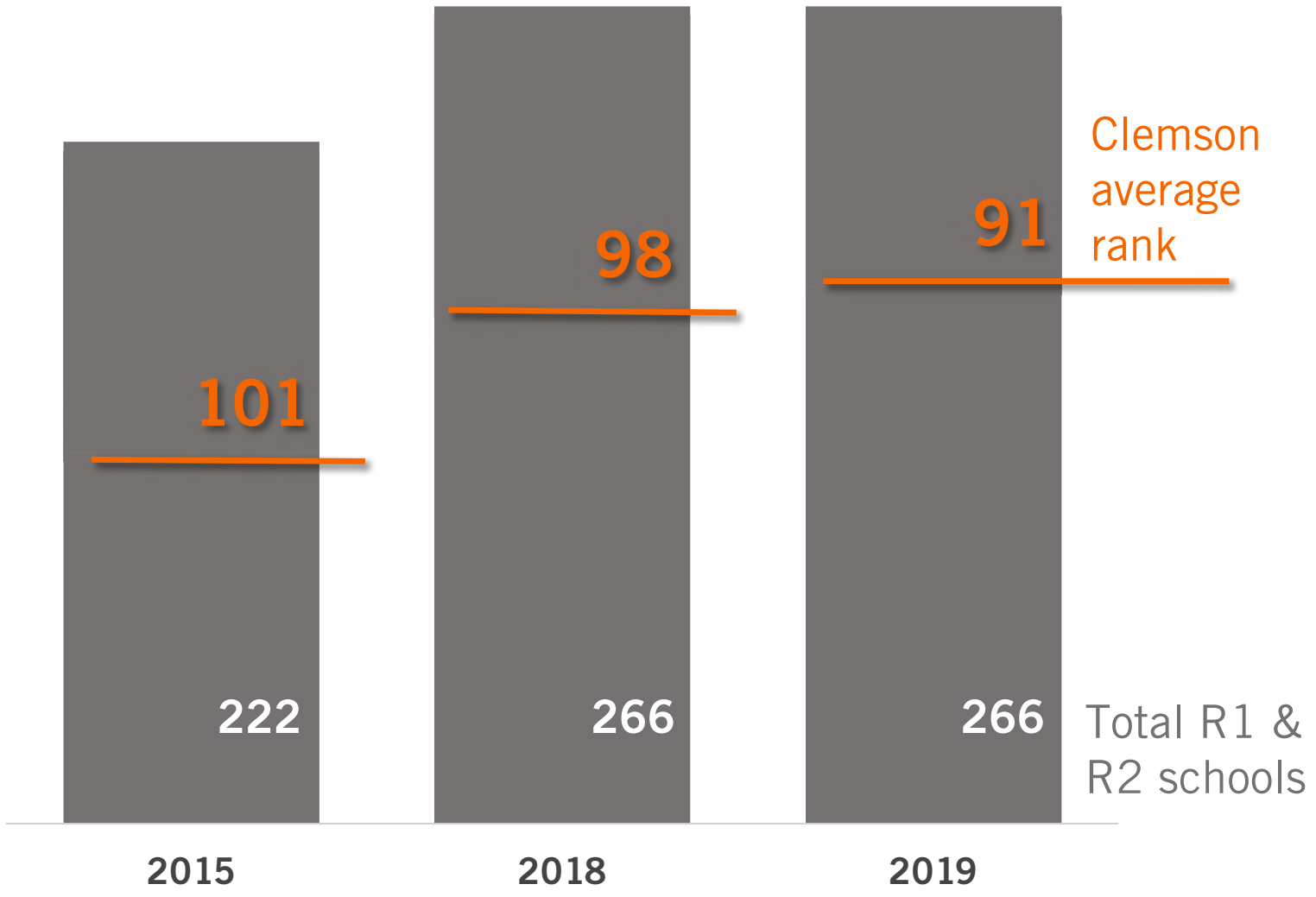
Liang Dong: named **Fellow** of the Institute of Electrical and Electronics Engineers

key achievements



On track to maintain Carnegie R1 status

 A *Carnegie R1* Research Institution



A grayscale photograph of a person wearing a dark baseball cap, glasses, and a white face mask. They are wearing a white t-shirt with the text "TO WRITE DIV" and "VIS" visible. The person is holding a long, curved, printed object. In the background, there are several white 3D printers on a table, with the brand name "Ultimaker" visible on them. The setting appears to be a laboratory or workshop with various equipment and papers on the walls.

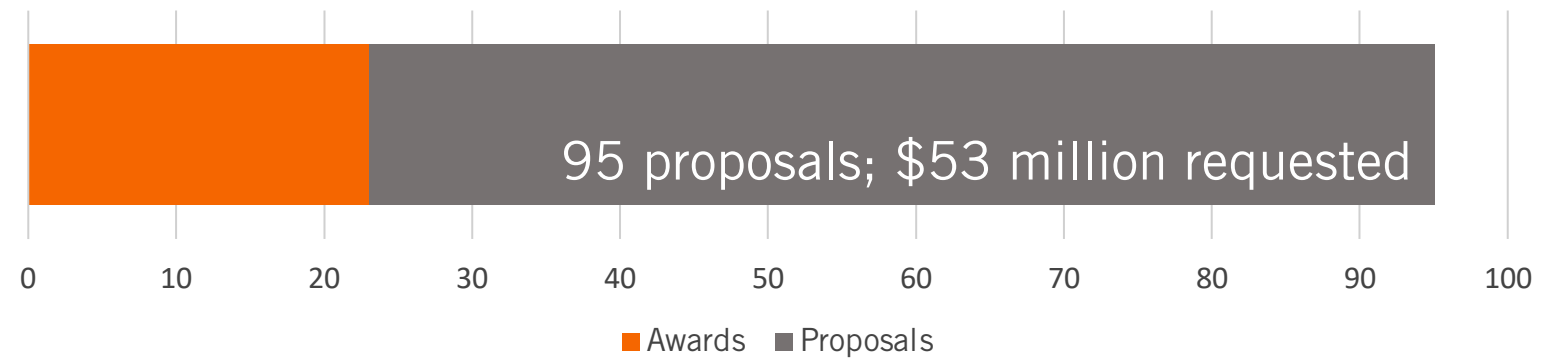
COVID-19 Response

COVID-19 update



Supporting the COVID-19 pandemic

COVID-19 Research Proposal Submissions



23 proposals awarded so far
for a total value of **\$2M**

COVID-19 update



Supporting the COVID-19 pandemic

Examples of Funded Projects

- Applying A.I. to identify potential drug therapies
- Repairing lung tissue damaged by COVID-19
- Developing new rapid diagnostic tests
- Evaluating the impact on agriculture and creating solutions
- Providing tele-health services for clinics closed by COVID-19
- Developing protective equipment for medical procedures
- Protecting food safety
- Assessing patient risk factors



Thank you!

Please send additional questions to vpr@clemson.edu