“You all built this. You started the FOUNDATION”
continuing to ADVANCE research & scholarship
continuing to LEAD
A Winning Culture
Journals publishing more Clemson research

 Avg. Annual Publications w/ Clemson Authors (Thousands)

- 2010-2014
- 2011-2015
- 2012-2016
- 2013-2017
- 2014-2018
- 2015-2019

29% since 2014

6,682

key achievements
Clemson research increasingly cited

- Total Annual Citations for Clemson Authors (Thousands)
- 2010-2014: 30
- 2011-2015: 30
- 2012-2016: 30
- 2013-2017: 35
- 2014-2018: 40
- 2015-2019: 46,177

44% since 2014

Key achievements:
- Courage
- Equality
- Humility
- Confidence
- Teamwork
- Discipline
Junior faculty earning career awards

Count of Awards

- 2013: 4
- 2014: 3
- 2015: 4
- 2016: 7
- 2017: 8
- 2018: 7
- 2019: 6
- 2020: 10

key achievements
Federal Expenditures Increasing Sharply

- 53% since 2015

Key achievements...
Total R&D Expenditures continue rise

44% since 2013

Clemson Total R&D Expenditures ($M)

- 2013: $150M
- 2014: $160M
- 2015: $170M
- 2016: $180M
- 2017: $190M
- 2018: $200M
- 2019: $219M

key achievements
key achievements

Proposal submissions hit 8-year high

90% since 2013

Value of Proposals Submitted ($M)

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2013</td>
<td>400</td>
</tr>
<tr>
<td>FY2014</td>
<td>500</td>
</tr>
<tr>
<td>FY2015</td>
<td>500</td>
</tr>
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<td>FY2016</td>
<td>500</td>
</tr>
<tr>
<td>FY2017</td>
<td>600</td>
</tr>
<tr>
<td>FY2018</td>
<td>500</td>
</tr>
<tr>
<td>FY2019</td>
<td>500</td>
</tr>
<tr>
<td>FY2020</td>
<td>734M</td>
</tr>
</tbody>
</table>
National, International Recognition
National and International Recognition

3 Goldwater Scholarships
- Paul Copeland
- Shaoni Dasgupta
- Carson Wood

6 NSF Research Fellowships

4 Fulbright Awards
- Jessica Baron
- Charles Dove
- McKinnon Reece
- Jonathan Vogel

Students
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
National and International Recognition

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
On track to maintain Carnegie R1 status

A Carnegie R1 Research Institution

Key achievements

<table>
<thead>
<tr>
<th>Year</th>
<th>Total R1 &amp; R2 schools</th>
<th>Clemson average rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>222</td>
<td>101</td>
</tr>
<tr>
<td>2018</td>
<td>266</td>
<td>98</td>
</tr>
<tr>
<td>2019</td>
<td>266</td>
<td>91</td>
</tr>
</tbody>
</table>
COVID-19 Response
COVID-19 Research Proposal Submissions

- 95 proposals; $53 million requested
- 23 proposals awarded so far for a total value of $2M
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