Facts about ...

North Carolina Agricultural Research Service

The mission of the NCARS is to develop the knowledge and technology needed to:

- Improve productivity, profitability and sustainability of industries in agriculture and the life sciences;
- Conserve and improve the state’s natural resources and environment;
- Improve the health, well-being and quality of life of North Carolina’s citizens;
- Provide the science base for academic and extension programs.

Scope of Operations

- Research in 14 departments in CALS and research collaborations at NCSU with CNR, COS, COE, CHASS, CVM, and the School of Agriculture and Environmental Sciences at NC A&T SU
- NC Research Campus at Kannapolis involving NCSU, UNC-CH, UNC-G, UNC-C, NCCU, NC A&T SU, ASU, Rowan-Cabarrus Community College, and Duke University. Research and Extension Centers at Plymouth and Mills River
- 18 research stations across the state and 10 NCSU field lab facilities support over 1,200 A of plot research; and hosted over 15,000 attendees at field days and other events; 8 NCSU centers
- Service centers and laboratories including: Structural Biochemistry Resource, Plant Disease and Insect Clinic, Food Processing Pilot Plant, newly renovated Phytotron, certified BSL-3 high containment facility with a greenhouse, Feed Mill, and Animal Waste Processing Facility

People

- 294 research scientists (168 FTE); 275 graduate assistants (116 FTE)
- 83 post docs (76 FTE); 194 technicians and support staff (172 FTE)
- 146 researchers (132 FTE research assistants, associates and researchers)

Programs

- 60 IP disclosures (27 inventions, 18 plant varieties, 11 copyrights, 4 software)
- 62 patents filed, 39 patents issued
- 936 peer reviewed research publications
- Grants awarded totaling $67,147,589 (5/1/2015-4/30/2016)
- Competitive grants awarded 5/1/2015-4/30/2016 per Tenured Tract Research FTE = $399,688

Partners

Over 80 active commodity organizations; state and federal agriculture and life sciences agencies; agricultural advocacy organizations such as NC Farm Bureau, NC State Grange, NC Biotechnology Center; variety of agricultural and life sciences companies.

Research Expenditures

<table>
<thead>
<tr>
<th></th>
<th>Dollars</th>
<th>Personnel*</th>
<th>Operating*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal</td>
<td>5,395,271</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>55,806,585</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsored research</td>
<td>60,618,241</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overhead</td>
<td>1,129,681</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales and service</td>
<td>2,989,923</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foundations</td>
<td>7,662,665</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gifts</td>
<td>1,449,845</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>135,052,211</td>
<td>78%</td>
<td>22%</td>
</tr>
</tbody>
</table>

*Percentages of expenditures for personnel and operating costs include only federal and state dollars

Revised 7/13/2016