

Proposal #	Principal Investigator/Coordinating Investigators	Status	Title	Funded CI
1	Dr. Jared Whitaker	RENEWAL	Extension Cotton Team FY18 Grant Request	98,600.00
2	Dr. Stanley Culpepper, Smith	RENEWAL 11-818GA	Minimizing cotton injury while maximizing Palmer amaranth control and yield in Georgia cotton.	39,000.00
3	Dr. Peng W. Chee, Davis	RENEWAL 15-911GA	Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton	25,000.00
4	Dr. Peng W. Chee Lubbers (Co-PI), Davis	RENEWAL 17-500GA	Breeding Georgia-Adapted Cotton Germplasm and Cultivars with Emphasis on Root-Knot Nematode Resistance	39,820.00
5	Dr. John Snider Grey, Porter, Whitaker	NEW	Impact of Planting Seed Characteristics on Seedling Vigor, Crop Development, Maturity, & Yield Component Responses to Nitrogen Application Rate	79,670.00
6	Dr. Wesley Porter Virk	NEW	On-Farm Evaluation of Soil Texture vs. Planter Downforce for Uniform Crop Emergence	20,100.00
7	Dr. Wesley Porter Rains, Snider, Virk	RENEWAL 17-506GA	Investigation of Individual Planter Components on Seed Placement and Methods to Utilize Seeding Vigor for Compensation	25,220.00
8	Dr. Don Shurley	RENEWAL 17-507GA	Development of Representative Georgia Cotton Farms for Outlook and Policy Analysis	15,000.00
9	Dr. George Vellidis Liakos, Porter	RENEWAL 12-173GA	A Holistic Solution to Using Soil Moisture Data for Scheduling Irrigation	36,181.00
10	Dr. Greg Payne	RENEWAL 09-517GA	Insecticide Resistance Monitoring of Heliothines in Cotton	20,000.00
11	Dr. Changying Li	RENEWAL 17-510GA	Phenotyping Cotton Height and Flowering Using Ground Proximal Image Sensing	27,450.00
12	Dr. Changying Li, Jiang	NEW	Development & evaluation of an autonomous and customizable robot for high throughput phenotyping of cotton plants under field conditions	24,500.00
13	Dr. Andrew Paterson Chee	RENEWAL 16-462GA	Evaluating New Alleles Conferring Improved Fiber Quality in Georgia Cottons	36,000.00
14	Dr. Jason M. Schmidt Toews, Smith	RENEWAL 15-156GA	Scaling up the importance of alternative cover crops for crop protection, beneficials, and soil health in cotton	26,202.00
15	Dr. Ian Flitcroft	RENEWAL 15-721GA	Support of UGA Weather Network	5,000.00
16	Whitaker, Freeman	RENEWAL 14-572GA	Improving Cotton Production in Georgia with Proper Variety Selection and Production Management	40,000.00
17	Dr. John K. Bernard, Sha Tao	NEW	Nutritive value of mechanically pressed cottonseed meal compared with soybean meal for lactating dairy cows	33,500.00
20	Scott Tubbs, Whitaker, Toews	NEW	Assessment of uniform plant stands of varying plant populations over three planting dates for non-irrigated cotton	18,953.00
21	Mark Freeman, Whitaker	NEW	Working to improve cotton production in Georgia with collaborative agronomic research	20,000.00
22	Dr. Jeffrey H. Dorfman	RENEWAL	Showing Georgia Cotton Farmers Their Relative Production	15,000.00
<b>TOTAL FUNDED 2018</b>				<b>645,196.00</b>