

**GEORGIA PEANUT COMMISSION**  
**2014-2015 Research Project Proposals**  
4/24/2014

<b>UGA Tifton Campus Project Number</b>	<b>Project Title</b>	<b>Investigator(s)</b>	<b>APPROVED 2014-15</b>
1-CPES-1-82/15	Georgia Peanut Breeding Program	Branch	20,000
2-CPES-29-86/15	Development and evaluation of cultivars with disease resistances to increase on-Farm profitability	Holbrook	18,000
3-CPES-48-89/15	Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of peanut	Culbreath	5,000
4-CPES-161-09/15	Characterization and Genetic Mapping of Disease Resistance Genes to TSWV and Leaf Spots and Development of Molecular Markers for Breeding Selection	Guo/Culbreath	18,000
5-CPES-173-11/15	Effect of In-Furrow and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath	5,000
6-CPES-178-13/15	Early Emergence Fungicide Sprays for Peanut? Optimizing Season-Long Spray Programs	Brenneman	10,000
7-CPES-179-13/15	Expanding Molecular Marker Platforms To Enhance Marker-Assisted Breeding in Peanut	Ozias-Akins	12,000
8-UGAT-01-14/15	Identification of Peanut Lines with Superior Root Growth	Kvien	9,000
9-UGAT-02-14/15	A Holistic Solution To Using Soil Moisture Data For Scheduling Irrigation	Vellidis	8,000
10-UGAT-03-14/15	Adapting the Hull-Scrape Technique to the Top New Peanut Varieties in the SE	Kvien	10,000
11-UGAT-04-14/15	Investigation of Irrigation Scheduling Methods for Peanuts in Georgia	Porter/Perry	9,360
12-UGAT-05-14/15	Optimizing Thrips Management Recommendations for Georgia Peanut Producers	Abney/Srinivasan	9,010
14-UGAT-06-14/15	The Interaction Effects of Herbicide and Temperature on Germination of Peanut Seed	Grey/Tubbs	7,000
<b>Total CPES/UGAT</b>			<b>\$ 140,370.00</b>

<b>Extension Service Project Number</b>	<b>Project Title</b>	<b>Investigator(s)</b>	<b>APPROVED 2014-15</b>
15-CES-12-87/15	University of Georgia Cooperative Extension County Agent Programs	Tubbs	18,610
16-CES -14-02/15	Peanut Economics & Education Program for Georgia Producers	Smith	4,000
<b>Total CES</b>		<b>\$</b>	<b>22,610.00</b>

<b>Georgia Station Project Number</b>	<b>Project Title</b>	<b>Investigator(s)</b>	<b>APPROVED 2014-15</b>
17-GS-40-98/15	Natl. Center for Peanut Competitiveness	Fletcher	25,000
18-GS-46A-01/15	Analysis, Development and Implementation of the 2014 Farm Bill on Georgia Peanut Producers	Fletcher	24,000
19-GS-51-05/15	2014 Hot Topics on Peanuts	Hung	2,000
20-GS-56-14/15	Quality of waffle fries cooked in different oils and acceptance of in-shell peanuts	Hung	15,300
<b>Total GS</b>		<b>\$</b>	<b>66,300.00</b>

<b>Athens Station Project Number</b>	<b>Project Title</b>	<b>Investigator(s)</b>	<b>APPROVED 2014-15</b>
22-UGA-40-14/15	Release and Absorption of Selected Nutrients and Bioactives in Peanuts During Simulated Digestion, as Affected By Peanut Type and Processing	Kong	5,000
24-UGA-41-14/15	Leveraging Genomic Data and Tools From Botanical Models in Peanut Improvement	Patterson	12,000
<b>Total AS</b>		<b>\$</b>	<b>17,000.00</b>

<b>USDA-ARS</b>			<b>APPROVED</b>
<b>Project Number</b>	<b>Project Title</b>	<b>Investigator(s)</b>	<b>2014-15</b>
25-USDA-65-02/15	Antibody Production and Immunoassay Development towards Alleviating Peanut Allergy	Maleki	2,500
26-USDA-66-14/15	Characterization, evaluation, and regeneration of the US peanut core collection	Barkley	20,000
<b>Total USDA</b>			<b>\$ 22,500.00</b>

<b>NPF</b>			<b>APPROVED</b>
<b>Project Number</b>	<b>Project Title</b>	<b>Investigator(s)</b>	<b>2014-15</b>
27-NPF-01-00/15	NPF	Valentine	15,000
<b>Total NPF</b>			<b>\$ 15,000.00</b>

<b>Other Projects</b>			<b>APPROVED</b>
<b>Project Number</b>	<b>Project Title</b>	<b>Investigator</b>	<b>2014-15</b>
28- AEMN-01-12/15	Georgia Weather Network	Flitcroft	5,000
END-01-13/15	UGA Peanut Team Endowment		5,000
<b>Total for Other Projects</b>			<b>\$ 10,000.00</b>

**Total** **\$293,780**