

GEORGIA PEANUT COMMISSION

2026-2027 Research Proposals

ABAC-01-19/27	A Multi-Economic Analysis Program to Enhance the Sustainability of Georgia Peanut Producers	Fletcher	\$50,000.00
APRES-01-25/27	APRES Sponsorship		\$1,000.00
CES-12-87/27	University of Georgia Cooperative Extension County Agent Programs	Monfort	\$23,750.00
CES-59-15/27	University of Georgia Agronomic Research & Extension Programs to Address Economic Sustainability of Peanut Production	Monfort	\$42,000.00
CES-60-16/27	Georgia Peanut Achievement Club for Recognizing Whole-Farm Peanut Yields	Monfort	\$5,000.00
CES-94-26/27	Building Capacity for Improving Genetic Studies of Resistance to Insect Pests of Peanut	Abney / Brown	\$9,500.00
CPES-173-11/27	Effect of In-Furrow Seed and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath	\$6,000.00
CPES-1-82/27	The Georgia Peanut Evaluation Program	Branch	\$35,000.00
CPES-29-86/27	Development and Evaluation of Cultivars with Improved Disease Resistances to Increase On-Farm Profitability	Holbrook	\$30,000.00
CPES-48-89/27	Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of Peanut	Culbreath	\$12,000.00
GS-51-23/27	2026 Hot Topics on Peanuts	Fountain / Srinivasan	\$3,500.00
GS-52-26/27	Prevalence of peanut viruses in addition to TSWV and their impact on TSWV in peanut	Srinivasan / Abney	\$8,877.00
NPF-01-00/27	The Peanut Research Foundation	Rucker	\$15,000.00
UGA-43-20/27	Development of <i>A. stenosperma</i> , <i>A. batizocoi</i> and <i>A. valida</i> -derived advanced lines with strong resistance to LLS and rust	S. Bertioli	\$30,000.00
UGA-44-20/27	New Sources of RKN resistance from the Wild Species <i>A. stenosperma</i> : germplasm release, cultivar development, and pyramiding with foliar disease resistance	D. Bertioli	\$30,000.00
UGA-45-26/27	Advancing Multipronged Breeding against Tomato Spotted Wilt Virus (TSWV) in Peanut	Wallace / N. Brown	\$11,000.00
UGA-52-26/27	Impact of Seed Size and Composition on Peanut Seedling Vigor: High-Throughput Phenotyping Approaches	N.Brown/Parkash /Rodriguez-Sanchez/ Schwartz	\$20,000.00
UGA-60-26/27	Evaluation of Antimicrobial Activity of Peanut Skin Extracts Against Foodborne Pathogens	Dunn	\$8,000.00
UGA-61-26/27	Development of a Quick, Non-Destructive Test for Peanut Seed Vigor and Germination using Hyperspectral Imaging	Liu	\$20,000.00
UGA-62-26/27	Validating methods for the use of gamma radiation to neutralize aflatoxins in peanuts	Ritchie	\$20,000.00
UGA-CAP-26/27	Engineering Capstone Team		\$2,000.00

UGA-ROBOT-21/27	Evaluation and Development of High-Throughput Phenotyping Technologies for Peanut	N. Brown	\$42,857.00
UGAT-26-19/27	Long-term Germplasm Enhancement and Development of DNA Molecular Marker Resources for Peanut	N. Brown	\$35,000.00
UGAT-31-21/27	Adding an Option for Later-Maturing Peanut Cultivars to SmartIrrigation CropFit	Vellidis	\$19,000.00
UGAT-35-21/27	Precision Breeding for Multiple Disease Resistance	Ozias-Akins	\$22,000.00
UGAT-39-22/27	Precision Peanut Planter Kit to Improve Seed Metering and Placement	Rains / Porter	\$15,000.00
UGAT-43-25/27	Development of peanut varieties with stem rot resistance and more uniform mid-maturity using marker-assisted selection	Biswal	\$20,000.00
UGAT-44-25/27	Breeding for drought resistance and heat tolerance in Georgia peanut: from cell to whole plant	Pilon	\$20,000.00
UGAT-47-26/27	Peanut Enterprise Budget and Economic Analysis Initiative for Enhancing Profitability (2 Year)	Y. Liu	\$15,000.00
UGAT-48-26/27	Utilizing Irrigation to Recover Peanut from Herbicide Injury	Porter	\$10,000.00
UGAT-51-26/27	Biomarker-based evaluation of white mold (WHM) resistance in peanuts	Suh / N. Brown	\$15,000.00
UGAT-53-26/27	Development of Alternatives to Improve White Mold and Nematode Management and Reduce Fungicide Application Costs	Oliveira	\$20,000.00
UGAT-54-26/27	Exploring new strategies to reduce resistance against TSWV to minimize yield loss	Bag	\$30,000.00
UGAT-55-26/27	Water Requirements of Runner-Type Peanuts Under Varied Plant Growth Regulator Strategies Management	Porter / Monfort	\$12,000.00
UGAT-56-26/27	Determining biocontrol options for peanut pests: a molecular approach	Schmidt	\$11,292.00
UGAT-57-26/27	Effects of Irrigation and Supplemental Nitrogen on Peanut Growth, Yield, Seed Composition, and Subsequent-Year Seedling Vigor	Brown/Parkash /Schwartz/Pilon /Amaral	\$21,000.00
UGAT-58-26/27	Mapping late leaf spot resistance from 'TxAG-6' introgression lines	Brown	\$15,000.00
UGAT-59-26/27	Robotic 3D sensing for precision peanut breeding and canopy trait analysis	Brown/Rodriguez-Sanchez/Parkash /Rains/Schwartz	\$24,000.00
USDA-02-25/27	Innovative Non-Food Uses of Peanut Oil and Shell	Biswas	\$20,000.00
USDA-04-26/27	Value-added Utilization of Whole-In-Shell Peanuts as a Source of Dietary Protein, Energy, and Fiber in Broiler Rations for the Production of Premium Quality Nutritionally Enhanced Poultry Products	Toomer	\$40,000.00

TOTAL FUNDING \$789,776.00