Contact
1392 Whiddon Mill Road
Tifton, Georgia 31793
(229) 391-5221
destinationag@abac.edu
www.abac.edu/destinationag

Facebook
Destination Ag

Instagram
@GMADestinationAg

Planting Knowledge and Cultivating the Future
The Harley Langdale, Jr. Foundation has made it possible for ABAC’s Georgia Museum of Agriculture to showcase the past and present of agriculture and natural resources through Destination Ag. With this support, we provide experiential learning opportunities for the next generation of agriculture and natural resource leaders. During the 2017-2018 academic year, 6,359 students were impacted by participating in Destination Ag. In the following pages, you will discover that the impact of this program reaches beyond children to include teachers, parents, and ABAC students. We appreciate your interest and support as we continue planting knowledge and cultivating the future.

Garrett Boone
Museum Director

Sara Hand
Assistant Director

Kelly Scott
Ag & Natural Resources Program Supervisor

Blaine Holbrook
Ag & Natural Resources Program Specialist
2017-2018 Year in Review

Destination Ag's second year has been one of many improvements and changes.
- New logo
- New location on-site at the Museum
- New sponsors supporting new exhibits
- New agriculture and natural resource based playground
- New animals

Barns & Learning Stations

Thanks to Weyerhaeuser and The Langdale Company, a new barn and learning stations were built in the summer of 2017. The barn provides housing for new and future Destination Ag animals, as well as room for various exhibits. The learning stations offer visiting students shade in the hot months and cover during rainy days.

New Sponsors

Destination Ag welcomed two new staff members, Buttercup and Chuck, two fiberglass cows! Buttercup, sponsored by The Dairy Alliance, is 'milked' by visiting Pre-K students. The Cattlemen’s Association sponsored Chuck, our beef cow, which provides information about the different cuts of meat.
Ag & Natural Resources Playground

Destination Ag’s playground has been a work in progress for the past year. Children love playing on the wooden tractor and trailer, donated by Lasseter Equipment Group, and pretend to be bees in their own hive. Upcoming areas include our STEM barn and water pump racing stations.

New Animals

Thanks to the U.S. Poultry Foundation, Destination Ag incorporated a new chicken coop and four chickens into the kindergarten lesson. Daisy, a Brangus calf, joined the animal staff part-time thanks to Cody Powell and met Destination Ag’s Kindergarten students as they compared mammals and birds.
Impact
On-Site Field Trips

Berrien County was this year's newest county, with 387 students visiting.

Second grade was added to the Destination Ag curriculum in the fall and participated in “Let's Bee Pollinating” and “Weathering Away” classes.

Second Grade Standards:
S2L1: Obtain, evaluate, and communicate information about the life cycles of different living organisms.
S2E3: Obtain, evaluate, and communicate information about how weather, plants, animals, and humans cause changes to the environment.

Destination Ag saw 6,359 students in pre-k through second grade, from the four participating counties.

All students discovered two new agriculture and natural resource careers: beekeeper and crop applicator.

Throughout the year, Destination Ag had various opportunities to share the importance of agricultural and natural resources at schools in communities surrounding the Georgia Museum of Agriculture.

Georgia Farm Bureau and Destination Ag partnered together to pilot a statewide outreach program in the form of traveling trunks. “All About Trees” was the focus for the 10 pilot trunks.

Other outreach events included demonstrating and presenting at the Sunbelt Ag Expo, the Georgia National Fair, and “A Day in the Woods.”

Nearly 700 sixth graders were impacted by Destination Ag’s weathering and erosion program at Tift County's J.T. Reddick Middle School.

Destination Ag staff brought ag literacy into Annie Belle Clark Primary in Tift County and Norman Park Elementary in Colquitt County by reading various agriculture-based books to their students.
Destination Ag is committed to assisting teachers (formal, informal, and future) in providing agriculture and natural resource education to our state’s youth. Throughout the year, various professional development workshops were offered to the local community.

Project Wild: Nov. 11, 2017: 14 ABAC natural resource students participated.

Project Learning Tree: April 21, 2018: 13 ABAC agriculture education majors participated.

Summer Workshops
Project Wet - 6/4/18
Project Wild - 6/6/18
Project Learning Tree - 6/8/18

Destination Ag is proud to provide experiential learning for visiting school children and ABAC students alike. ABAC students become role models for visiting school children and gain valuable real-world work experience. Not only do Destination Ag student instructors implement the program; they create lesson plans, construct teaching materials, develop interpretive exhibits, and care for the Destination Ag animals. They are truly the heart and face of Destination Ag.
Impact
ABAC Student Instructors

Billie-Ann Birchall
Diversified Agriculture
Fall Semester
Folkston, GA

Jessica Casaday
Ag Education
Fall & Spring Semester
Jefferson, GA

Makenzie Cioffi
Ag Education
Spring Semester
Augusta, GA

Hannah Dinkins
Wildlife Management
Fall Semester
East Bend, NC

Sadie Hobbs
Ag Communications
Fall & Spring Semester
Cleveland, GA

Sadie Lackey
Ag Communications
Fall Semester
Ellijay, GA

McKenzie Lewis
Ag Education
Fall & Spring Semester
Macon, GA

Alyssa Maxwell
Ag Education
Spring Semester
Colbert, GA
**Impact**

**ABAC Student Instructors**

- **Kristin Miles**
  - Ag Communications
  - Fall & Spring Semester
  - Waycross, GA

- **Kristen Nienstedt**
  - Ag Education
  - Spring Semester
  - Macon, GA

- **De'Anthony Price**
  - Ag Communications
  - Fall & Spring Semester
  - Atlanta, GA

- **Nicole Taylor**
  - Ag Education
  - Fall Semester
  - Tifton, GA

- **Lily Watson**
  - Ag Education
  - Spring Semester
  - Newton, AL

- **Laura-Lee Williams**
  - Ag Communications
  - Fall Semester
  - Blackshear, GA

- **Madison Williams**
  - Ag Communications
  - Fall Semester
  - Winder, GA
Impact
Quotes from Student Workers

"An opportunity to connect with others who share your passion about ag literacy."

"A great job for future teachers."

"Very memorable program, [...] never a dull moment."

"An opportunity to have a positive impact on agriculture."

"Working at Destination Ag is an amazing experience where you can gain lifelong skills."

"Giving valuable experiences in the agriculture industry."

"It is fun while still being a good work environment to learn."

"A good experience to build responsibility and maturity."

"Working at Destination Ag has given me lifelong friends."

Impact
Summer Interns & Senior Thesis

This summer, Destination Ag is excited to welcome two summer interns, Julia Roy and Savannah Maddox. Summer internship projects will include maintaining social media, updating the pre/post assessment tool, developing lesson plans and curriculum, and designing interpretive signs.

Hannah Dinkins, ABAC wildlife management student and Destination Ag instructor, implemented a pilot study to help assess the Destination Ag program. This project became her senior thesis for an undergraduate research class. Hannah created a pre/post assessment tool which Destination Ag piloted with first and second grade students. This project included data analysis and reporting of her findings. Further information regarding the project itself is located on the next page.
# Assessment

## First & Second Grade Pre/Post Assessment

During the fall 2017 semester, Destination Ag piloted a pre/post assessment tool. This project was implemented by an ABAC senior thesis student, Hannah Dinkins (see page 17). This pilot allowed Destination Ag to determine 1) if an online assessment was possible and 2) to begin a long term assessment which can follow the target audience throughout the duration of the program. Destination Ag will continue this type of online pre/post assessment for grades first through fifth.

### First & Second Grade Pre/Post Assessment Results

<table>
<thead>
<tr>
<th>Attitude</th>
<th>Pre-Test</th>
<th>Post-Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>First grade</td>
<td>.39</td>
<td>.70</td>
</tr>
<tr>
<td>Second grade</td>
<td>.47</td>
<td>.46</td>
</tr>
</tbody>
</table>

The initial results of the assessment show great attitude improvements in first graders, but no statistical improvement in second graders. To ensure the responses we receive are as accurate as possible, we are implementing changes to our assessment tool. We are ensuring that it is accessible to all ages and the results are not affected by the computer skills of the student. Georgia’s state education standards are providing the foundation for the knowledge assessment questions and the depth-of-knowledge level for each question is being adjusted. Destination Ag will continue online pre/post assessment with these updates. The data provided will allow the program the opportunity to grow and develop in future years.

## Art & Writing Contest

The art and writing contest allows us to see the personal impact that Destination Ag has. Teachers have their students draw and describe why agriculture is important to them based on what they learned on their trip. Each county was awarded one winner in the following age brackets: PreK-Kindergarten and First-Second. Students were awarded $100 and teachers were awarded $500 with a chance to participate in a professional development workshop this summer.

### 2017-2018 Winners

**First & Second Grade**

**Berrien County**  
Teacher: Valarie Swain  
Student: Jack Carroll

**Colquitt County**  
Teacher: Julie Thompson  
Student: Kariah Smith

**Cook County**  
Teacher: Sabrina Lindsey  
Student: Bella Howell

**Tift County**  
Teacher: Savannah Harvin  
Student: Ja'Leya Edmonds

**Pre-K & K Winners**

**Berrien County**  
Teacher: Christina Holland  
Student: Bailey Odom

**Colquitt County**  
Teacher: Ronica Reid  
Student: Blakely Collins

**Cook County**  
Teacher: Angela Williams  
Student: Hayden Griffin

**Tift County**  
Teacher: Jamie Judy  
Student: Rita Smith
Teacher & Parent Survey Results

<table>
<thead>
<tr>
<th></th>
<th>Teachers</th>
<th>Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you feel the students made further connections between agriculture and natural resources in their daily lives?</td>
<td>99% Yes</td>
<td>100% Yes</td>
</tr>
<tr>
<td>Would you recommend this program to others?</td>
<td>90% Yes</td>
<td>93% Yes</td>
</tr>
</tbody>
</table>

How would you rate each learning session? (average)

1 = Poor  5 = Excellent

| Animal | 4.5 / 5 | 4.6 / 5 |
| Plant  | 4.5 / 5 | 4.5 / 5 |
| Career | 4.5 / 5 | 4.6 / 5 |

What do you think students enjoyed the most about the program? (font size relative to occurrence)

Agriculture
Beekeper
Sprayer
Hands On
Erosion
Pollinator
Stations
Milking
Ecosystem
Daisy
Moving

Finances

Gift Accountability: Harley Langdale, Jr. Foundation Gift 2017-2018

<table>
<thead>
<tr>
<th>Personnel Services</th>
<th>Budgeted</th>
<th>Actual</th>
<th>Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staffing Support</td>
<td>50,000</td>
<td>51,686</td>
<td>(1,686)</td>
</tr>
<tr>
<td>Student Instructors and</td>
<td>37,200</td>
<td>32,267</td>
<td>4,933</td>
</tr>
<tr>
<td>Total</td>
<td>$87,200</td>
<td>$83,953</td>
<td>$3,247</td>
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</table>

<table>
<thead>
<tr>
<th>Operating</th>
<th>Budgeted</th>
<th>Actual</th>
<th>Remaining</th>
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<tbody>
<tr>
<td>Field Trip</td>
<td>49,000</td>
<td>44,513</td>
<td>4,487</td>
</tr>
<tr>
<td>Assessment</td>
<td>4,800</td>
<td>4,931</td>
<td>(131)</td>
</tr>
<tr>
<td>Transportation</td>
<td>8,000</td>
<td>7,904</td>
<td>96</td>
</tr>
<tr>
<td>Learning Station</td>
<td>13,000</td>
<td>12,905</td>
<td>95</td>
</tr>
<tr>
<td>Facility Development</td>
<td>75,000</td>
<td>56,341</td>
<td>18,659</td>
</tr>
<tr>
<td>Program Outreach</td>
<td>13,000</td>
<td>10,004</td>
<td>2,996</td>
</tr>
<tr>
<td>Total</td>
<td>$162,800</td>
<td>$136,598</td>
<td>$26,202</td>
</tr>
</tbody>
</table>

| Total                       | $250,000 | $220,551| $29,449   |

Financial Summary: Harley Langdale, Jr. Foundation Gift 2017-2018

<table>
<thead>
<tr>
<th>Personnel Services</th>
<th>HLF</th>
<th>ABAC/GMA</th>
<th>Gifts</th>
<th>Total</th>
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<tbody>
<tr>
<td>Administrative and</td>
<td>83,953</td>
<td>116,082</td>
<td>200,035</td>
<td>$208,502</td>
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<tr>
<td>instructional staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other support staff</td>
<td>8,467</td>
<td>8,467</td>
<td></td>
<td>8,467</td>
</tr>
<tr>
<td>Total</td>
<td>$83,953</td>
<td>$124,549</td>
<td>$208,502</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operating</th>
<th>Budgeted</th>
<th>Actual</th>
<th>Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Development</td>
<td>56,341</td>
<td>28,748</td>
<td>85,089</td>
</tr>
<tr>
<td>Other operating expenses</td>
<td>80,656</td>
<td>22,791</td>
<td>103,447</td>
</tr>
<tr>
<td>Total</td>
<td>$136,997</td>
<td>$51,539</td>
<td>$188,536</td>
</tr>
</tbody>
</table>

| Total              | $220,950 | $124,549| $51,539 | $397,038  |
Partners & Donors

Education Collaborators
ABAC Agriculture Education Faculty
ABAC Beekeepers Club
ABAC Natural Resources Faculty
ABAC Rural Studies Faculty

Industry Collaborators
Betts Berry
Cody Powell
Flint River Soil & Water Conservation District
Georgia Agribusiness Council
Georgia Beef Board
Georgia Cattlemen’s Association
Georgia Cotton Commission
Georgia Farm Bureau
Georgia Forestry Foundation
Georgia Pecan Grower's Association
Georgia Power
Harley Langdale, Jr. Foundation
Lasseter Tractor
Moultrie Tire
Raisin' Cane
Steve McWilliams
The Dairy Alliance (formerly SUDIA)
The Langdale Company
US Poultry Foundation
Weeks Honey
Weyerhaeuser

Advisory Committee

To ensure we create and maintain a viable and relevant program, we have partnered with local educators to assist in the development of Destination Ag. At each meeting, committee members provided feedback and insight on the development of Destination Ag. The advisory committee plays a crucial role to the program by offering advice, guidance, and support.

ABAC Faculty/Staff
Dr. Darby Sewell
Dr. Sandra Giles
Dr. Marcus Johnson
Dr. Deidre Martin
Dr. Frank Flanders

Assist. VP for Academic Affairs
Professor of English
Assistant Professor of Education
Director of Advancement
Associate Professor of Ag Education

The Langdale Company
Barbara Boler
Education and Outreach

Berrien County
Robin Marcrum
K-5 Curriculum Director

Colquitt County
Dr. Marni Kirkland
Trish Dubose
Dir. of Curriculum, Instruction, & Learning
STEM Director

Cook County
Dr. Joi Williams
Pre-K Director & Assistant Principal

Tift County
Patrick Atwater
Jan Wise
Richard Fisher
Tracy Ingram
Robert Bullington
Superintendent of Schools
K-5 Curriculum Director
Principal, Len Lastinger Elementary
Teacher, Len Lastinger Elementary
Teacher, Len Lastinger Elementary