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Executive Summary

Florida A&M University (FAMU) successfully hosted its twelfth Ag-Discovery program on June 5 - 18, 2016. We had 19 students (13 females and 6 males) make it to the end of the program. This year was the most male participants the program had for the longest time and we were excited. The collective input and effort of all the players and partners worked favorably.

Students received experiential learning through field and laboratory activities, and site visits to animal industries throughout North Florida and South Georgia and Alabama. They were exposed to various career opportunities in animal science to help them better understand and refine their career path. Some experiential highlights of the FAMU Ag-Discovery program are: 1) a 2-day stay at the University of Florida experiencing careers in veterinary medicine from their College of Veterinary Medicine; 2) a day at the Tallahassee Animal Service Center learning about shelter medicine, animal control and surgery relating to small companion animals; 3) a day at the Florida Capital and meeting with the Florida Division of Animal Industry; 4) two days at the FAMU Extension and Research Center with veterinary professionals learning about animal health through examination of animals and examining samples under microscopes; 6) a visit to the Gulf Specimen Marine Laboratory learning about marine life; and 7) a mini-career fair held for the first time as an extension that exposed the students to disciplines in the College of Agriculture and Food Sciences (CAFS) and workforce opportunities.

Evaluation and feedbacks of the program from students and parents were favorable. In an evaluation of the program, 100% of the students and their parents agreed that the program has met their learning expectations about options in animal science and veterinary medicine, and that the program would help them to decide whether to pursue a career in the animal science field. Similarly they agreed that they would recommend the program be continue in its present form. At the closing ceremony, parents took turn in expressing their gratitude for the program and praised its quality. Overall, the parents were happy about the opportunities the FAMU Ag-Discovery provided to their students. One parent also indicated in an email of how his student was motivated to attend Florida A&M University for college because of his experience with FAMU Ag-Discovery program.

Of course, some areas are in need of improvement, and FAMU acknowledges the importance of addressing them as to enhance the program visibility and productivity. In general, FAMU strives to progressively improve its program through the various experiences, evaluations /feedbacks, recommendations and suggestions. In addition, FAMU attempts to identify its strengths, weaknesses, opportunities and threats (SWOT analysis) and address them accordingly. Overall, the objectives of the program were met by increasing knowledge of agriculture though experiential learning, learning about careers in Animal Science and recruiting students to CAFS FAMU.
Background

The Ag-Discovery program is an outreach program designed to help students (under 18 years old) learn about careers in agriculture. The program allows student participants to live on a college campus and learn about career options from university professors, veterinary professionals, animal scientists/specialists, plant scientists/botanists, and other related professionals working in the public and private sectors.

FAMU is one of several campuses that host the Ag-Discovery program. FAMU Ag-Discovery focuses on animal science and related area (veterinary medicine) and is sponsored by the U.S. Department of Agriculture (USDA), Animal and Plant Inspection Service (APHIS). This year’s Ag-Discovery program was held June 5-18, 2016. The student participants, whose ages ranged from 14 to 17, were selected by the USDA/APHIS (Equal Employment Opportunity/Civil Rights) committee, in collaboration with the host team.

A total of 19 students, 13 females and six males completed in the program. This year was the most male participants the program had for the longest time and we were excited. The student participants were from all over the United States including California, New Hampshire, North Carolina, Texas, Tennessee, Georgia, Florida. However, the largest number of students (14) came from Florida and Georgia.

FAMU Summer Program Department helps regulate policies relating to all summer programs. As a policy, resident advisers and program counselors were employed to accompany the participants at all times. Participants in the program paid only travel and transportation expenses, to and from FAMU, and they were responsible only for the personal supplies. The cost of tuition, room and boarding, laboratory supplies, and program travels were covered by the program.

Program (activities) Design

The program is designed around several activities to provide hands-on real life experiences with several animal species. The activities provided exposure to various careers in animal science and related areas including animal industries, clinical and diagnostic laboratories, and veterinary medical school. Each area provided a unique experience, and allowed the participants to increase their knowledge, understanding and, appreciation for the fields of animal science, veterinary medicine and related areas. The program also provided cultural enrichment, recreational experiences and basic life coping skills.

Overview of program areas

The areas are outlined according to the experience they offer. These include:

1. Animal laboratories
2. Animal industries
3. Clinical and diagnostic laboratories
4. Veterinary medical schools
5. Introduction to careers in animal science
6. Cultural experiences
7. Recreational, social and inspirational

**Animal Laboratories and Farm:**
- College of Agriculture and Food Sciences (CAFS) Quincy farm
- Leon/Tallahassee Animal Service Center

These sites were populated with several animal species such as horses, cattle, goats, swine, cats, dogs, and poultry. Each site emphasizes the protection of health and the welfare of animals and considers the welfare of humans. The main objective of the activities at these sites was to identify the various animal health and animal husbandry issues in large and small animals and apply those principles through experiential learning opportunities.

Participants received orientations, instructions and training in aspects of animal husbandry, management, behavior, grooming, preventative maintenance, and housing, among other animal health and welfare concerns. Participants then applied the instruction and training through hands-on/practical experiences. These included blood collection, palpations, hoof trimming, grooming, fecal collection and age determination. Also, examination of animals health though body indicators (e.g. eyes color) and with stethoscope as well as examining samples under microscopes. Student participants had firsthand experiences alongside experts in the field of animal science/veterinary medicine.

**Animal Industries:**
- Madison Livestock Market, Madison, FL
- Pilgrim’s Pride, Live Oak, FL
- Albany Zoo, Albany, GA
- Gulf Specimen Marine Lab, Panacea, FL

These sites provided diverse exposure to animals and their uniqueness in the animal world. The objective here is to
expose student participants to a diverse set of animals and animal science job opportunities, and to enable students to identify the interrelationships among the species of animals with an appreciation for the difference.

Participants were exposed to various factors relating to managing operations, animal feeding, and handling and marketing of livestock. They were also exposed to marine life and informed about the importance of animal care in the different environments. In addition, the participants had the opportunity to go behind the scenes to observe how animals are managed, cared for and maintained.

Clinical and Diagnostic Laboratories:

- FDACS Diagnostic Laboratory
The Florida Department of Agriculture and Consumer Services (FDACS) is a State-run facility that is equipped with technologically advanced equipment, and serves as first response entity to any homeland security or other animal health related situation.

The student participants observed firsthand, the collection and analysis of semen, and techniques in breeding, as well as clinical treatment and inseminating equine animals. The objective here was to expose the participants to various resources and techniques used as well as identifying and diagnosing animal diseases and health-related processes in managing animals.

Student participants received training in the use of laboratory equipment, and different diagnostic procedures applicable to animal related careers.

Veterinary Medical School:

- The University of Florida Veterinary College, Gainesville, FL

The University of Florida (UF) College of Veterinary Medicine (CVM) is the only institution that provides veterinary medicine training in the state of Florida. The veterinary college has diagnostic and surgical laboratories and provides research on metabolic and infectious diseases of animal, veterinary medical training for interns, graduates and practitioners. FAMU has a collaborative agreement with UF to provide opportunities for students from FAMU to enroll at UF College of Veterinary Medicine on an annual basis.

Participants received invaluable information regarding preparation for
veterinary school such as applying to and matriculating in a school of veterinary medicine. They also received practical hands-on experiences in animal surgery and reproduction.

**Introduction to Careers in Animal Science**

Students were introduced to options and career opportunities in animal science and related and those offer at FAMU College of Agriculture (CAFS). The mini-career fair was part of FAMU Ag-Discovery schedule where students were able to talk to organizations and institutions (including USDA) about career and educational opportunities. They had opportunities to ask questions related to the program areas. In addition, at UF CVM the students were provided information on options and career opportunities in animal science and related fields. Tuskegee University School of Veterinary Medicine also provided career information regarding veterinary medicine on their visit to FAMU.

Our USDA/APHIS partner also provided several lecture series that engaged students in activities, and provided background information supporting career paths in animal science and knowledge of the subject. The objective of this section was to expose the participants to career paths that are available in agriculture sciences with emphasis on animal science /veterinary medicine.

**Cultural Experiences**

- Florida Caverns State Park, Marianna, FL

This State park listed, acquired, preserved and exhibited historical or scientific works of art. It provided the participants with scientific and historical facts regarding the development of limestone caves in Florida. The objective of this was to enhance the participants’ appreciation for art, history and science, and to enrich their cultural knowledge. The participants gained invaluable experiences through these visits.
Recreational, Social, and Inspirational Activities
  • Goat dressing contest
  • CAFS Ag-Discovery social
  • Closing Ceremony
  • End-of-Day Group Activities

These events provided an atmosphere whereby individuals and groups could participate in a variety of recreational and social activities, and from which to gain inspiration. They provided opportunities for participants to mingle as a group and individual, and to get to know one another. The objective of these areas was to provide a balance of social, educational-based learning and recreational activities. Participants had the opportunity to learn and grow in a minimally stressed environment.
Program Evaluation:

A summative evaluation of the 14-day (June 05-18, 2016) summer program indicated that the program is effective. The objectives were met, and feedbacks toward the program were positive. The evaluation was based on an analysis of a student survey, parents’ feedbacks and reflections from the staff after the end of the program.

Data from the student survey indicated that 100 percent of them agreed that their expectations to learn about options in animal science/veterinary medicine were met by the program. Similarly they agreed that they would recommend the program be continue in its present form (see Table 1 and Figure 2). The students’ comments also indicated their approval of the activities, and that their interest in veterinary sciences is affirmed through the program. At the closing ceremony, parents took turn in expressing their gratitude for the program and praised its quality. Overall, the parents were happy about the opportunities the Ag-Discovery provided to their students. The response options were based on a six point rating scale, ranging from “strongly agree” (6) to “not applicable” (1), six being the most favorable. Sixteen questions were provided on the student survey and 17 students responded to the survey. Some students did not provide an answer to all questions which were listed as missing.
Table 1: Student/Parent Evaluation of the Program
Florida A&M University
2016

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<th>Neither Agree nor Disagree</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
<th>Not Applicable</th>
<th>Missing response</th>
<th>Percentage Strongly Agree</th>
<th>Percentage Agree</th>
<th>Percentage Neither Agree or Disagree</th>
<th>Percentage Disagree</th>
<th>Percentage Strongly Disagree</th>
<th>Percentage Not Applicable</th>
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<td>5.9%</td>
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</tbody>
</table>

Note: Ques=Questions; Details of questions are shown in appendix A
Figure 1: Overall Students/Parents Rating of the Program
Note: Please see Appendix A for questions detail
Demography

Demographic data include gender (Table 2 and Figure 2) and race/ethnicity (Table 3 and Figures 3A & 3B).

<table>
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<th>Table 2. Gender</th>
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<td>Female</td>
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<tr>
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Figure 2.
Table 3. Race-Ethnicity

<table>
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<th>Ethnicity</th>
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</table>

Figure 3A.

Figure 3B.
Student Statistics:

Seventeen of the 19 students participated in this evaluation exercise. Some participants did not respond to all questions. Over 87% of students agreed that the program was well organized, and 70.6 percent agreed that it was well advertised. Of the 17 participants in the evaluation, four (23.5%) strongly agreed that the application process was easy, ten agreed (64.7%), while two (11.8%) were indifferent. Four students strongly agreed (23.5%), twelve agreed (70.6%) and one (5.9%) indifferent that the registration process was thorough.

Over 76% of students indicated that the move-in process was smooth (Question 7). Of those students/parents responded (14) to the question, 13 were satisfied with the general accommodations. Most students also agreed (94.1%) that the staff was helpful and was available to provide assistance when needed (See Table 1 and Figure 1).

Eleven students (64.7%) strongly agreed that their expectations to learn about options in veterinary medicine and animal science were met. Five students (29.4%) also agreed to the question and one (5.9%) indifferent. Most participants agreed that the topics and presentations were relevant and met their expectations and that the program should be continued as is (Table 1 and Figures 1). Additionally, 100% (17) of the students in the evaluation agreed that the program will help them decide whether to pursue a career in animal science. Finally, the 16 students that responded to this question agreed that the program played a part in helping them define their career path.

Of the 19 students completed in the program, 13 (71%) were female and six (29%) males and mostly of African American (70%) race (Tables 2 & 3 and Figures 2, 3A & 3B).
**Conclusion /Recommendation /Suggestions/Limitations**

The Ag-Discovery program at Florida A&M University (FAMU) provided an excellent opportunity for middle and high school students to experience the many aspects of animal science/veterinary medicine in various settings and environments. The fourteen-day experience allowed participants to receive information and training via classroom presentations, hands-on practical experiences, demonstrations, individual and group participations, and offered character and team-building opportunities. All activities were well received by the participants; however, they seem to be drawn more to the various hands-on activities.

The collaboration among the USDA/APHIS, Florida Department of Agriculture and Consumer Services, University of Florida College of Veterinary Medicine, Florida A&M University, and the various industry representatives is a testament to the interrelationships of the program.

Based on results from the evaluation and the favorable assessment of the program, it would be extremely beneficial that this program be continued. Once again, the participants’ ratings of the program are favorable, as evident by the results. Parents’ feedbacks also showed how important FAMU AgDiscovery is in student learning, and highlighted the quality of the program. The overall objective to increase knowledge of agriculture through experiential learning and to learn about careers in Animal Science was met.

Like any great program, there are limitations and recommendations for improvement, which signify dynamism, growth and innovation. Therefore, the recommendations serve as a tool to stimulate greater success in achieving the objectives and goals of the program. Among other things, FAMU updated a contact information database for Ag-Discovery students for period 2004 to 2016. Our counselors for the 2016 Ag-Discovery program included some of the brightest scholars.

Thus far the program has shown much benefit to its participants and should therefore be recommended for continuation.
2016 Schedule

Florida A&M University (FAMU)
2016 Ag-Discovery Summer Enrichment Program
June 5-18, 2016
Overview Schedule

Sun. June 05, 2016
Arrival Day for Students (Please see your handbook for check-in information and locations), 10:00-3:00pm
Opening/Orientation Ceremony -4:00-6:00 pm at FAMU Teleconference Center, 2010 Pinder Dr. Tallahassee, FL 30307;
Pizza Dinner, 4:30pm

Mon. June 06, 2016
Tallahassee Animal Service Center (Animal Shelter), 1125 Easterwood Drive, Tallahassee, FL, 10:45am - 4:00pm
USDA Lecture, FAMU Perry Paige Auditorium, 1740 S. Martin Luther King, Jr. Blvd. Tallahassee, FL 30307
4:30pm - 5:30pm

Tues. June 07, 2016
Pilgrim’s Pride, 19740 US Hwy 90, Live Oak, FL 32060
Madison Livestock Auction, 387 SE Bandit Street, Madison, FL 1:20pm - 2:20pm
USDA Lectures, FAMU Perry Paige Auditorium, 1740 S. Martin Luther King, Jr. Blvd. Tallahassee, FL 30307
3:30pm - 5:00pm

Wed. June 08, 2016
Florida A&M University (FAMU) Research & Extension Center, Quincy, FL (Farm),
4259 Bainbridge Hwy, Quincy, FL 32352
9:00am - 4:00pm

Thurs. June 09, 2016
FAMU Research and Extension Center, Quincy, FL (Farm)
9:20am - 3:00pm
Mini-Career Forum, FAMU Perry Paige Auditorium, 1740 S. Martin Luther King, Jr. Blvd. Tallahassee, FL 30307
4:00pm – 5:30pm

Fri. June 10, 2016
Florida Department of Agriculture and Consumer Services (FDACS) Animal Industries & Florida Capitol Tour, Tallahassee FL, 9:00am - 3:30pm

Sat. June 11, 2016
FAMU Cooperative Extension Farm Fest, FAMU Research and Extension Center Quincy, FL 32352
10:00am - 3:00pm
Social Event Activity, FAMU Teleconference Center, 2010 Pinder Drive, Tallahassee, FL 32307, 3:00pm - 8:00pm

Sun. June 12, 2016
Travel to University of Florida (UF), Gainesville, FL
1:00pm - 4:30pm
Stay in dormitory at UF

**Mon. June 13, 2016**
UF College of Veterinary Medical (tour, demonstrations, admissions info), 8:30am - 4:00pm

**Tues. June 14, 2016**
Depart UF, 8:00am
USDA APHIS Wildlife Service 10:00am - 11:00am
Florida Farm Bureau 11:30am - 1:30pm
Return to FAMU, Tallahassee, FL - 2:00pm - 4:00pm

**Wed. June 15, 2016**
Gulf Specimen Marine Lab activities
10:00am - 12:00noon
Tuskegee University School of Veterinary Medicine Representative talk
1:00pm - 2:00pm
Tallahassee Museum of History and Natural Science, 3945 Museum Drive, Tallahassee, FL
3:00pm - 5:00pm

**Thurs. June 16, 2016**
Chehaw/Albany Zoo, Albany, GA- tour and view various wild animals in an industry setting;
USDA Presentation
10:00am - 4:00pm

**Fri. June 17, 2016**
Florida Caverns, 3345 Caverns Road, Marianna, FL 32446
9:30am-11:40am
USDA Presentations, FAMU Perry Paige Auditorium, 1740 S. Martin Luther King, Jr. Blvd. Tallahassee, FL 30307
4:00pm - 5:30pm

**Sat. June 18, 2014**
Closing Ceremony
Check-out of dorms 8:00am – 1:00pm
Brunch/Awards and Recognition Ceremony/Perry Paige Auditorium,
**Awards and Recognition Ceremony**/Perry Paige Auditorium
FAMU Staff/ USDA Representatives (Mr. Craig Nowakowski & Mrs. Katie Whisenton)
10:00am – 2:30pm
Closing Ceremony program Concluded by 2:30pm

**Note:** Physical address for the FAMU Perry Paige Auditorium is 1740 S. Martin Luther King Jr. Blvd. Tallahassee, Florida 32307
Budget:

Total expenditure (including indirect cost and encumbrances) to date (09/30/2016) is $44,214.82, and available budget is $14,225.81 (including indirect amount), Table 4.

**Table 4: Budget**

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount $</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Budget</strong></td>
<td>58,440.00</td>
</tr>
<tr>
<td>Direct</td>
<td>53,127.60</td>
</tr>
<tr>
<td>Indirect</td>
<td>5,312.40</td>
</tr>
<tr>
<td>Direct Expense &amp; encumbrance</td>
<td>41,662.27</td>
</tr>
<tr>
<td><em>Indirect Expense</em></td>
<td>2,552.55</td>
</tr>
<tr>
<td><strong>Total Direct &amp; Indirect Expense</strong></td>
<td>44,214.82</td>
</tr>
<tr>
<td>Available direct</td>
<td>11,465.33</td>
</tr>
<tr>
<td>Available indirect</td>
<td>2759.85</td>
</tr>
<tr>
<td><strong>Available Budget (direct &amp; indirect)</strong></td>
<td><strong>14,225.81</strong></td>
</tr>
</tbody>
</table>

*Note: Budget not final*
**Table 5: 2016 Participants**

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams-Lucas, Alexis</td>
<td>Daniel, Nailah</td>
</tr>
<tr>
<td>Alfred, Deonna</td>
<td>Davis, Courtland</td>
</tr>
<tr>
<td>Alvarez, Gabriella</td>
<td>Fennell, Penelope</td>
</tr>
<tr>
<td>Boyd, Avery</td>
<td>Garrity, Madisyn</td>
</tr>
<tr>
<td>Brown, Brianna</td>
<td>Harvey, Janissa</td>
</tr>
<tr>
<td>Cade, Derrick</td>
<td>Holsey, Deaunna</td>
</tr>
<tr>
<td>Cooper, Velvet</td>
<td>Johnson, Houston</td>
</tr>
<tr>
<td>Corbett, Keziah</td>
<td>McClendon, Donovan</td>
</tr>
<tr>
<td>Courtney, Edith</td>
<td>Riley, Jalen</td>
</tr>
<tr>
<td>Crego, Heather</td>
<td></td>
</tr>
</tbody>
</table>
Appendix A. Questions details

**Program Evaluation**  
Florida A&M University  
College of Agriculture and Food Science (CAFS)  
2016 Ag-Discovery

**Instructions:** Please evaluate the program by responding (strongly agree, agree, neither agree nor disagree, disagree, strongly disagree, not applicable) to each question. To indicate your response, please place an X in the respective cell.

<table>
<thead>
<tr>
<th></th>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Neither Agree nor Disagree</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The program was well organized</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>The program was well advertised</td>
<td></td>
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<td>3</td>
<td>The application process was easy</td>
<td></td>
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<tr>
<td>4</td>
<td>The registration process was thorough</td>
<td></td>
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<td>5</td>
<td>The transportation provided was timely</td>
<td></td>
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<tr>
<td>6</td>
<td>The orientation sessions were informative</td>
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<tr>
<td>7</td>
<td>The move-in process was smooth <em>(Circle one: Female dorm  Male dorm)</em></td>
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<tr>
<td>8</td>
<td>I was satisfied with the accommodations for my child</td>
<td></td>
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<tr>
<td>9</td>
<td>The staff was very helpful when I had problems</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>10</td>
<td>The staff was always available to provide assistance</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>11</td>
<td>The staff was friendly at all times</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12</td>
<td>The expectation to learn about options in veterinary medicine and animal science were met</td>
<td></td>
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<tr>
<td>13</td>
<td>The topics and presentations were relevant and met my expectations</td>
<td></td>
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<tr>
<td>14</td>
<td>I would recommend this program be continue in its present form</td>
<td></td>
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<tr>
<td>15</td>
<td>This program will help me to decide whether to pursue a career in animal science/veterinary medicine</td>
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<tr>
<td>16</td>
<td>This program helps me to define my career path</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Project Staff, Counselors & Organization Representatives

Project Director                        Mrs. Carmen Lyttle-N’guessan, Coordinator, Animal Health, CAFS
Co-Director                             Dr. Glen Wright
                                        Director, Veterinary Technology, CAFS

FDACS Representatives                   Arlette Roberge
USDA-APHIS Head office Rep.             
USDA-APHIS Local Rep.                   Mrs. Katie Whisenton

Senior Counselors                       Kayla McKethan
                                        Janetta Edwards
                                        Ryan Kornegay
                                        Chassidy Ferrell

Junior Counselors                       Jayla Hicks

Resident Advisors                       Wilbur Manning
                                        Eva Walker

Faculty/Staff Advisors                   Dr. Keawin Sarjeant
                                        Norman Scarbrough
                                        Julie-Ann Valliant
                                        Dr. Robert Purvis
                                        Cynthia Holloway

Technical Intern                        Howard Mathis

Programming Intern                      Jasmine Harris
**Sponsors & Presenter:**
U.S. Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS)
USDA 1890 Scholar Liaison (Ms. Belinda Bell)
College of Agriculture and Food Sciences
Florida Farm Bureau
Tallahassee Animal service Center
Florida Department of Agriculture and Consumer Services
University of Florida College of Veterinary Medicine
United State Army
Pilgrim’s Pride
Tuskegee University School of Veterinary Medicine
Others Not Mentioned

Please note: Information to this report may be found at web site [www.famu.edu/herds](http://www.famu.edu/herds)
You may also contact Carmen Lyttle-N’guessan at (850) 412-5363 or email [carmen.lyttlenguessa@famu.edu](mailto:carmen.lyttlenguessa@famu.edu)
Administration and Contacts:

Dr. Robert Taylor, Dean and Director of Land Grant Programs
Email: robert.taylor@famu.edu

Vonda Richardson
Cooperative Extension Program
College of Agriculture and Food Sciences
Florida A&M University
215 Perry Paige, South
Tallahassee, FL 32307-4100

Telephone: (850) 599-3546
Fax No.: (850) 561-2151
Email: vonda.richardson@famu.edu

Dr. Glen Wright, Director of Animal Health
Email: glen.wright@famu.edu

Carmen Lyttle-Nguessan, Director of FAMU Ag-Discovery Program
Email: carmen.lyttlenguessa@famu.edu

Florida A&M University
U.S. Department of Agriculture/APHIS
Florida Department of Agriculture and Consumer Services
University of Florida, School of Veterinary Medicine
In Collaboration

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