“STRENGTHENING THE GOAT INDUSTRY”

PROGRAM OF THE NATIONAL GOAT CONFERENCE

FLORIDA A&M UNIVERSITY
SEPTEMBER 12-15, 2010
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Dear Friends, Colleagues, and Supporters:

It is my pleasure on behalf of the planning committee to bring you greetings and welcome you the National Goat Conference: Strengthening the Goat Industry.

We view this conference as a major milestone in the development and progression of a national emphasis on small ruminants. This program is designed to provide a comprehensive approach to addressing the needs and concerns of the goat and sheep industry. We are all excited about the many potential outcomes for this conference. I would like to thank our sponsors, exhibitors, and well-wishers for your support. I also want to express my heartfelt gratitude to the many speakers, program participants and all that registered and contributed in any way in making this a reality. I invite you to use this opportunity to learn from the tremendous team of acclaimed presenters and from each other during this conference and beyond.

Please feel free to continue to dialogue with us, as it is our commitment to pursue excellence in our support to the goat industry. Enjoy the conference.

Sincerely,

Ray Mobley
DVM, MPH, DACVPMC
Conference Co-Chair
Welcome,

On behalf of the planning committee, we wish to thank you for participating in the first National Goat Conference. The primary goal of this conference is to provide relevant educational and research-based information on the production, management and marketing of goats. It is also our goal to provide a forum to create positive interactions between producers, researchers, educators, community-based organizations and federal and state agencies. It is our hope that this forum will foster the sharing of knowledge and the building of new networks to further expand and enhance the viability and sustainability of the goat industry in the U.S. While the focus of this conference is goats, we also recognize the importance of the sheep industry in this county; therefore, three sessions have been included in this program for sheep producers. And because of the similarities of the species, most of the sessions will benefit sheep and goat producers alike.

The theme of this conference is “Strengthening the Goat Industry.” Eight topic areas have been selected to address issues that producers may face when operating a small farm livestock production system.

Special thanks is given to the National Goat Conference planning committee whose contributions to this event have been invaluable. We are also deeply appreciative of our speakers, sponsors, exhibitors and vendors whose participation and support has made this conference possible. We wish to give thanks to our moderators and volunteers who are lending their time and services to ensure that this inaugural event is memorable. Special recognition is also given to Ms. Joy Dixon (Conference Coordinator) for all of her hard work in coordinating this event, and Dr. Pamela Hunter (Proceedings Chair) for taking on the monumental task of designing and developing the conference proceedings. Our sincere thanks are also given to Ms. Anne Vuxton for meticulously proofreading, reviewing and editing the proceedings, the conference program and other pertinent documents for this conference. Finally, thanks to all of you attending this conference today. We cannot express how excited we are to have you here. Your attendance has further confirmed the continued need for small ruminant programs in the U.S. today.

Before you leave on Wednesday, please take the time to complete and return the conference evaluation forms and survey which have been included in your packet. Your responses are vital in helping provide some insight on what areas you feel the land-grant institutions should focus their research and extension efforts on for the next few years. Furthermore, your feedback will allow us to decide if the conference should be held again, how often, and in what region of the U.S. There will be a box located in each meeting room to deposit your forms. We hope you enjoy the conference.

Sincerely,

Angela McKenzie-Jakes, Conference Co-Chair
Keynote Speaker

Dr. David Pugh

Author of *Sheep and Goat Medicine*

Dr. D.G. Pugh earned both DVM and MS (Ruminant Nutrition) degrees from the University of Georgia. He received post DVM training at Virginia Tech (Clinical Nutrition) and Texas A&M University (Reproductive Medicine-Theriogenology). He is a Diplomate of both the American College of Theriogenology and the American College of Veterinary Nutrition. He has held faculty positions at the University of Georgia (Assistant Professor) and Auburn University (Professor of Large Animal Medicine) and was the owner of a multi-person large animal practice in the greater Atlanta, Georgia area for five years and has been a consulting veterinarian for Fort Dodge Animal Health from 2004 to 2009.

Dr. Pugh is the author of over 400 publications, over 80 book chapters, a textbook (*Sheep and Goat Medicine*), and a Co-author of a publication of the National Research Council of the National Academies of Sciences. He has received five university and three national awards for teaching, and was the 2006 recipient of the University of Georgia’s AM Mills Award for Contributions to Veterinary Medicine. He has served on various committees for the American Association of Small Ruminant Practitioners, the Society for Theriogenology, the College of Theriogenology, the American College of Veterinary Nutrition, and the National Research Council, Nutrient Requirement Committee. Dr. Pugh is an active member of the American Academy of Veterinary Parasitologists.

Dr. Pugh lectures on animal health and nutrition at veterinary schools across North America, is a member of the First Baptist Church of Waverly, Alabama (population 185), a sheep and donkey producer, a full-time husband to Ms. Jayne Pugh (since 1974), the father of two daughters and a son, and a grandfather.
NATIONAL GOAT CONFERENCE
September 12-15, 2010
Leon County Civic Center
Tallahassee, Florida

Sunday – September 12, 2010

12:00 p.m. - 5:00 p.m.  Registration (Arena Access)
2:00 p.m. - 6:00 p.m.  Poster and Exhibit Setup (Exhibit Hall)
3:00 p.m. - 6:00 p.m.  Pre-Conference Workshop (Room C)

USDA Grantsmanship Workshop
Dr. Denis Ebodaghe, National Program Leader for Small Farms
USDA/National Institute of Food and Agriculture

6:00 p.m. - 8:00 p.m.  Reception - Hors d'oeuvre (Room A3)

Welcome Remarks

6:30 p.m. - 7:00 p.m.
Dr. Oghenekome Onokpise, Associate Dean
College of Engineering Sciences, Technology and Agriculture
Cooperative Extension
Florida A&M University

Dr. Ray Mobley, Extension Director
College of Engineering Sciences, Technology and Agriculture
Cooperative Extension
Florida A&M University

Ms. Angela McKenzie-Jakes, Extension Animal Science Specialist
College of Engineering Sciences, Technology and Agriculture
Cooperative Extension
Florida A&M University

Monday – September 13, 2010

7:00 a.m. - 8:30 a.m.  Continental Breakfast (Room A3)
7:00 a.m. - 9:30 a.m.  Registration (Arena Access)
8:00 a.m. - 8:30 a.m.  Welcome and Opening Sessions (Exhibit Hall)
Moderator: Dr. Ray Mobley, Florida A&M University
Invocation
Reverend Dr. R. B. Holmes, Jr.
Bethel Missionary Baptist Church
Tallahassee, FL

Welcome Remarks
Dr. James H. Ammons, President
Florida A&M University

Dr. Makola M. Abdullah, Dean and Director of Land Grant Programs
College of Engineering Sciences, Technology and Agriculture
Florida A&M University

8:30 a.m. - 11:45 a.m. General Session (Exhibit Hall)
Moderator: Ms. Angela McKenzie-Jakes, Florida A&M University

8:30 a.m. - 9:30 a.m. Goat Deworming Protocols
Keynote Speaker: Dr. David Pugh, DVM, MS
Dipl. ACT & ACVM
Southern Traxx Veterinary Services
Project Veterinarian - Equine Source Plasma Project
College of Veterinary Medicine, Auburn University

9:30 a.m. - 9:45 a.m. Break (Exhibit Hall)

9:45 a.m. - 10:45 a.m. Marketing Meat Goat, the Basic System
Dr. Marion Simon, State Extension Specialist for Small Farm and Part-time Farmers
Cooperative Extension Program
Kentucky State University

10:45 a.m. - 11:45 a.m. Nutrition and Pasture Management: The Alternative Uses of Goats
Dr. An Peischel, Small Ruminant Extension Specialist
Cooperative Extension Program
Tennessee State University

11:45 a.m. - 1:00 p.m. Luncheon (Exhibit Hall)
Presiding: Mr. Damon Miller, Florida A&M University

Introduction of Speaker: Dr. Thomas J. Holt, Florida State Veterinarian and Director, Division of Animal Industry

Remarks: Mr. Charles H. Bronson, Florida Commissioner of Agriculture and Consumer Services
1:00 p.m. - 3:00 p.m. **Breakout Sessions**

**Room A1**

**Genetics and Breeding**
*Moderator: Ms. Norma Tillman, Southeastern Small Farmers Network, Florida Meat Goat Association*

1:00 p.m. - 1:40 p.m.  
*Crossbreeding in Meat Production for Goat and Sheep Enterprises*
Dr. Will Getz, Extension Specialist in Animal Science  
Georgia Small Ruminant Research and Extension Center  
Fort Valley State University

1:40 p.m. - 2:20 p.m.  
*Genetic Improvement of Goats for Meat Production: Current Status and Looking Forward to Prepare for the Future*
Dr. Nada K. Nadarajah, Research Fellow  
Department of Animal Sciences  
Auburn University

2:20 p.m. - 3:00 p.m.  
*Breeding for Improved Dairy Goat Production: A Genetic Tool Box*
Dr. Terry A. Gipson, Interim Goat Extension Leader  
Agricultural Research and Extension Programs  
Langston University

**Room A2**

**Marketing and Processing**
*Moderator: Ms. Eunice Cornelius, Southeastern Small Farmers Network, Florida Meat Goat Association*

1:00 p.m. - 1:40 p.m.  
*U.S. Live Animal and Carcass Selection Standards for Goats*
Mr. Orlando Phelps, Training Officer for Agricultural Marketing Service, Livestock and Seed Program, Meat Grading and Certification Branch/USDA

1:40 p.m. - 2:20 p.m.  
*Goat Carcass Fabrication and Processing for Ground and Sausage Production*
Mr. Curtis Chisley, Research Associate/Meat Specialist  
Agricultural Research and Extension Center  
Southern University

2:20 p.m. - 3:00 p.m.  
*Marketing Small Ruminants and Products to a Developing Market Segment*
Mr. Les Harrison, Regional Specialized Sustainable Agriculture and Extension Technology  
IFAS Extension Service  
University of Florida
Room B  
**Sheep Production and Management**  
*Moderator*: Ms. Susan Beddy, Florida Meat Sheep Alliance  

1:00 p.m. - 1:40 p.m.  
*Overcoming Challenges to Sheep Production through Nutrition*  
Dr. Paul Davis, Ruminant Nutritionist  
Tennessee Farmers Cooperative  

1:40 p.m. - 2:20 p.m.  
*Threat Level Orange: Flock Biosecurity*  
Dr. Ann Goplen, Small Ruminant Clinical Specialist  
College of Veterinary Medicine  
University of Minnesota  

2:20 p.m. - 3:00 p.m.  
*Management of Your Sheep Flock for Optimal Reproductive Outcome*  
Dr. Cindy Wolf, Small Ruminant Clinical Specialist  
College of Veterinary Medicine  
University of Minnesota  

Room C  
**Reproduction and Biotechnology**  
*Moderator*: Ms. Lisa Gray, Southern University  

1:00 p.m. - 1:40 p.m.  
*Anatomy and Physiology of the Reproductive System in the Goat*  
Dr. Ralph Noble, Chair  
Department of Animal Sciences  
North Carolina A&T State University  

1:40 p.m. - 2:20 p.m.  
*Reproduction Management*  
Dr. Stephan Wildeus, Research Professor  
Agricultural Research Station  
Virginia State University  

2:20 p.m. - 3:00 p.m.  
*Advancements in Reproductive Technology*  
Dr. Dahlia Jackson-O’Brien, Assistant Professor/Small Ruminant Specialist  
College of Agriculture and Related Sciences  
Delaware State University  

3:00 p.m. - 3:15 p.m.  
**Break (Exhibit Hall)**  

3:15 p.m. - 5:15 p.m.  
**Breakout Sessions**  

Room A1  
**Genetics and Breeding**  
3:15 p.m. - 3:55 p.m.  
**Crossbreeding in Meat Production for Goat and Sheep Enterprises**  
Dr. Will Getz, Extension Specialist in Animal Science  
Georgia Small Ruminant Research and Extension Center  
Fort Valley State University

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**Genetic Improvement of Goats for Meat Production: Current Status and Looking Forward to Prepare for the Future**  
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Department of Animal Sciences  
Auburn University

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Dr. Terry A. Gipson, Interim Goat Extension Leader  
Agricultural Research and Extension Programs  
Langston University

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*Moderator:* Ms. Eunice Cornelius, Southeastern Small Farmers Network, Florida Meat Goat Association

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IFAS Extension Service  
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Tennessee Farmers Cooperative
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College of Veterinary Medicine, University of Minnesota

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Dr. Cindy Wolf, Small Ruminant Clinical Specialist  
College of Veterinary Medicine  
University of Minnesota

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Virginia State University

4:35 p.m. - 5:15 p.m.  **Advancements in Reproductive Technology**  
Dr. Dahlia Jackson-O’Brien, Assistant Professor/Small Ruminant Specialist  
College of Agriculture and Related Sciences  
Delaware State University

5:15 p.m.  
**Adjourn**

5:15 p.m. - 6:30 p.m.  **Poster and Exhibit Viewing Session (Exhibit Hall)**

6:30 p.m.  
**Dinner on Your Own**

**Tuesday – September 14, 2010**

7:00 a.m. - 8:00 a.m.  **Continental Breakfast (Room A3)**

7:00 a.m. - 9:30 a.m.  **Registration (Arena Access)**

8:00 a.m. - 11:45 a.m.  **General Sessions (Exhibit Hall)**  
*Moderator:* Dr. Dawn Mellion-Patin, Southern University

8:00 a.m. - 8:40 a.m.  **An Enterprise Budget for Meat Goat Production: Its Characteristics, Relevance and Importance**
Mr. Gilbert Queeley, Research Associate  
College of Engineering Sciences, Technology, and Agriculture  
Florida A&M University

8:40 a.m. - 9:30 a.m.  
Avoiding Anthelmintics and Other Drug Residue Issues in Dairy Goats  
Dr. Jacqueline Johnson, Extension Veterinarian  
Department of Food and Animal Sciences  
Alabama A&M University

9:30 a.m. - 10:50 a.m.  
Poster and Exhibit Viewing Session (Exhibit Hall)

10:50 a.m. - 11:10 a.m.  
Break (Exhibit Hall)

11:10 a.m. - 11:50 p.m.  
General Health Concerns in Small Ruminants  
Dr. Seyedmehdi Mobini, Professor and Head  
Department of Veterinary Science  
Fort Valley State University

11:50 p.m. - 1:05 p.m.  
Luncheon (Exhibit Hall)  
Presiding: Dr. Verian Thomas, Florida A&M University

Mr. James Hill, 1890 Land Grant Liaison  
Office of Limited Resource Farms and Minority Outreach  
Fort Valley State University

1:05 p.m. - 5:20 p.m.  
Breakout Sessions

Room A1  
Herd Health Management  
Moderator: Ms. Willonese Adams, Southeastern Small Farmers Network, Florida Meat Goat Association

1:05 p.m. - 1:45 p.m.  
The Implications of Detection of Pathogenic E. coli in Meat Goats: Managing the Risks  
Dr. Ray Mobley, Extension Director  
Cooperative Extension Program  
Florida A&M University

Mr. Terrell Hollis, Manager of the Meat Processing Facility  
Small Ruminant Research and Extension Center  
Fort Valley State University

1:45 p.m. - 2:25 p.m.  
General Management and Common Diseases in Goats  
Dr. Barbara Johnson, Research Veterinarian and Facility Manager  
International Goat Research Center  
Prairie View A&M University
2:25 p.m. - 3:05 p.m.  
**State and National Regulations on Movement of Small Ruminants**
Dr. Pamela Hunter, Veterinary Manager  
Small Ruminants, Swine, and Poultry  
Florida Department of Agriculture and Consumer Services

Dr. Alan Huddleston, Associate  
National Scrapie Program Coordinator, Ruminant Health Programs  
USDA, APHIS, Veterinary Services

**Room B**  
**Technology Transfer and Delivery**
*Moderator:* Dr. Keawin Sarjeant, Florida A&M University

1:05 p.m. - 1:45 p.m.  
**eXtension Goat Industry Information on the Web**
Mr. Dave Kiesling, Assistant Professor/Small Ruminant Specialist  
Cooperative Extension Program  
Lincoln University

1:45 p.m. - 2:25 p.m.  
**Small-Scale Farmers of African-American Descent and Contamination Events**
Mr. Louie Rivers, Project Manager for the Small Farmer Outreach Training and Technical Assistance Program  
Cooperative Extension Program  
Kentucky State University

2:25 p.m. - 3:05 p.m.  
**Building Technology Bridges in an Era of Budget Cuts**
Dr. Enrique Nelson Escobar, Assistant Professor/Small Ruminant Production and Management  
University of Maryland-Eastern Shore

**Room C**  
**Food Safety and Food Science**
*Moderator:* Dr. Dennis O. Balogu, University of Arkansas at Pine Bluff

1:05 p.m. - 1:45 p.m.  
**Food Safety at the Farm**
Dr. Dwight Loveday, Associate Professor, Meat Science  
College of Agriculture and Natural Resources  
University of Tennessee

1:45 p.m. - 2:25 p.m.  
**Food Safety Practices Implemented during Meat Goat Processing in a United States Department of Agriculture Inspected Processing Facility**
Dr. Sally Williams, Associate Professor  
Department of Animal Sciences  
University of Florida
2:25 p.m. - 3:05 p.m.  
*Red Meat Mobile Slaughter Unit: Complying with Federal Regulations for Mobile Slaughter Units*

Dr. Denise Amann, Staff Officer, USDA FSIS Office of Outreach Employee Education and Training
State Outreach Technical Assistance

**Exhibit Hall**

**Nutrition and Pasture Management**

*Moderator:* Mr. Godfrey Nurse, Florida A&M University

1:05 p.m. - 1:45 p.m.  
*Dairy Goat Nutrition and Feeding*

Dr. Steve Hart, Goat Extension Specialist
Agricultural Research and Extension Programs
Langston University

1:45 p.m. - 2:25 p.m.  
*Feeding Management of a Meat Goat Herd*

Dr. Sandra Solaiman, Professor of Animal Science
Department of Agricultural and Environmental Sciences
Tuskegee University

2:25 p.m. - 3:05 p.m.  
*Grazing and Browsing Behavior, Grazing Management, Forage Evaluation and Goat Performance: Strategies to Enhance Meat Goat Production in North Carolina*

Dr. Jean-Marie Luginbuhl, Professor of Crop Science and Animal Science
College of Agriculture and Life Sciences
North Carolina State University

3:05 p.m. - 3:20 p.m.  
**Break (Exhibit Hall)**

3:20 p.m. - 5:20 p.m.  
**Breakout Sessions**

**Room A1**

**Herd Health Management**

*Moderator:* Ms. Willonese Adams, Southeastern Small Farmers Network, Florida Meat Goat Association

3:20 p.m. - 4:00 p.m.  
*The Implications of Detection of Pathogenic E. coli in Meat Goats: Managing the Risks*

Dr. Ray Mobley, Director of Extension
Cooperative Extension Program, Florida A&M University
Mr. Terrell Hollis, Manager of the Meat Processing Facility
Small Ruminant Research and Extension Center
Fort Valley State University
4:00 p.m. - 4:40 p.m.  General Management and Common Diseases in Goats  
Dr. Barbara Johnson, Research Veterinarian and Facility Manager  
International Goat Research Center  
Prairie View A&M University

4:40 p.m. - 5:20 p.m.  State and National Regulations on Movement of Small Ruminants  
Dr. Pamela Hunter, Veterinary Manager  
Small Ruminants, Swine, and Poultry  
Florida Department of Agriculture and Consumer Services  

Dr. Alan Huddleston, Associate National Scrapie Program Coordinator, Ruminant Health Programs  
USDA, APHIS, Veterinary Services

Room B  
Technology Transfer and Delivery  
Moderator: Dr. Keawin Sarjeant, Florida A&M University

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Mr. Dave Kiesling, Assistant Professor/Small Ruminant Specialist  
Cooperative Extension Program  
Lincoln University

4:00 p.m. - 4:40 p.m.  Small-Scale Farmers of African-American Descent and Contamination Events  
Mr. Louie Rivers, Project Manager for the Small Farmer Outreach Training and Technical Assistance Program  
Cooperative Extension Program  
Kentucky State University

4:40 p.m. - 5:20 p.m.  Building Technology Bridges in an Era of Budget Cuts  
Dr. Enrique Nelson Escobar, Assistant Professor/Small Ruminant Production and Management  
University of Maryland-Eastern Shore

Room C  
Food Safety and Food Science  
Moderator: Dr. Dennis O. Balogu, University of Arkansas at Pine Bluff

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Dr. Dwight Loveday, Associate Professor, Meat Science  
College of Agriculture and Natural Resources  
University of Tennessee

4:00 p.m. - 4:40 p.m.  Food Safety Practices Implemented during Meat Goat Processing in a United States Department of Agriculture Inspected Processing Facility
Dr. Sally Williams, Associate Professor  
Department of Animal Sciences  
University of Florida

4:40 p.m. - 5:20 p.m.  
Red Meat Mobile Slaughter Unit: Complying with Federal Regulations for Mobile Slaughter Units  
Dr. Denise Amann, Staff Officer, USDA FSIS Office of Outreach Employee Education and Training  
State Outreach Technical Assistance

Exhibit Hall  
Nutrition and Pasture Management  
Moderator: Mr. Godfrey Nurse, Florida A&M University

3:20 p.m. - 4:00 p.m.  
Dairy Goat Nutrition and Feeding  
Dr. Steve Hart, Goat Extension Specialist  
Agricultural Research and Extension Programs  
Langston University

4:00 p.m. - 4:40 p.m.  
Feeding Management of a Meat Goat Herd  
Dr. Sandra Solaiman, Professor of Animal Science  
Department of Agricultural and Environmental Sciences  
Tuskegee University

4:40 p.m. - 5:20 p.m.  
Grazing and Browsing Behavior, Grazing Management, Forage Evaluation and Goat Performance: Strategies to Enhance Meat Goat Production in North Carolina  
Dr. Jean-Marie Luginbuhl, Professor of Crop Science and Animal Science  
College of Agriculture and Life Sciences  
North Carolina State University

5:20 p.m.  
Adjourn

6:00 p.m. - 9:00 p.m.  
Awards Banquet (Room A1 and A2)  
Presiding: Dr. Ray Mobley, Florida A&M University

Farm Credit Representative  
Ms. Lesia Andrews

Presenters:  
Innovative Farmers Award, Poster and Special Recognitions  
Dr. Lawrence Carter, Director of Outreach  
College of Engineering Sciences, Technology and Agriculture Cooperative Extension  
Florida A&M University
Mr. Bill Buchanan, Director of Civil Rights and Community Outreach
USDA Risk Management

Innovative Award Recipients

8:15 p.m. – 8:30 p.m.  
**G&M Farms**
Mr. and Mrs. Morris Richardson  
Wiggins, MS

8:30 p.m. – 8:45 p.m.  
**End of the Lane**
Ms. Dana Lear  
Stanford, KY

8:45p.m. – 9:00p.m.  
**Vanguard Ranch, Ltd.**
Mr. Renard Turner  
Gordonville, VA

**Music was provided by Florida A&M University’s Jazz Ensemble**

8:00 p.m. - 11:00 p.m.  
Take Posters and Exhibits Down

**Wednesday – September 15, 2010**

7:00 a.m. - 8:30 a.m.  
Continental Breakfast *(Exhibit Hall)*

8:00 a.m. - 12:00 p.m.  
**General Sessions (Exhibit Hall)**

8:00 a.m. - 8:10 a.m.  
**Opening Remarks:** Dr. Ray Mobley, Extension Director  
Florida A&M University

*Moderator:* Mr. Edoe Agbodjan, South Carolina State University

8:10 a.m. - 9:55 a.m.  
**Ask the Experts** - Panel Discussions

9:55 a.m - 10:10 a.m.  
**Break (Exhibit Hall)**

10:10 a.m. - 11:55 a.m.  
*Moderator:* Dr. Ralph Noble, North Carolina A&T State University

*Forum:* “Strategies for Strengthening the Industry: Where Do We Go From Here?”

11:55 p.m. - 12:00 p.m.  
**Closing Remarks**
Ms. Angela McKenzie-Jakes, Florida A&M University
12:20 p.m. - 4:50 p.m.  Farm Tour and Hands-on Training

12:20 p.m. - 1:20 p.m.  Depart for Farm Tour (Optional)

1:20 p.m. - 2:20 p.m.  Lunch (FAMU’s Research and Extension Center)

2:20 p.m. - 2:50 p.m.  Tour of Florida A&M University, Research and Extension Facility
Quincy, FL

2:50 p.m. - 3:50 p.m.  Breakout Sessions

2:50 p.m. - 3:50 p.m.  Small Ruminant Unit
   Moderator:  Dr. Lee Anderson, Florida A&M University

   Hands-on Training
   *Injections, Hoof Trimming, Basic Handling and Husbandry Skills*

   Dr. Cindy Wolf, Small Ruminant Clinical Specialist
   College of Veterinary Medicine
   University of Minnesota

   Dr. Anne Goplen, Small Ruminant Assistant
   College of Veterinary Medicine
   University of Minnesota

   *FAMACHA© Training*
   Dr. Pamela Hunter, Veterinary Manager
   Small Ruminants, Swine, and Poultry
   Florida Department of Agriculture and Consumer Services

   Ms. Deborah Maloy, Veterinarian Technician
   Cooperative Extension Program
   Florida A&M University
   Mr. Gerry Bryant, Animal Technician
   Cooperative Extension Program
   Florida A&M University

   Animal Health Complex
   Wet Lab

   *How to Prepare Samples for Microscopic Fecal Analysis*
3:50 p.m. - 4:50 p.m.

**Small Ruminant Unit**

*Moderator:* Dr. Lee Anderson, Florida A&M University

Hands-on Training

*Injections, Hoof Trimming, Basic Handling and Husbandry Skills*

Dr. Cindy Wolf, Small Ruminant Clinical Specialist
College of Veterinary Medicine
University of Minnesota

Dr. Anne Goplen, Small Ruminant Assistant
College of Veterinary Medicine
University of Minnesota

*FAMACHA© Training*

Dr. Ray Mobley, Extension Director
Cooperative Extension Program
Florida A&M University

Ms. Deborah Maloy, Veterinarian Technician
Cooperative Extension Program
Florida A&M University

Mr. Gerry Bryant, Animal Technician
Cooperative Extension Program
Florida A&M University

**Animal Health Complex**

Wet Lab

*How to Prepare Samples for Microscopic Fecal Analysis*

Dr. Charlotte Clifford-Rathert, Assistant Professor/State Extension Specialist, Small Ruminants
Department of Agriculture & Environmental Sciences
Lincoln University

4:50 p.m.

**Adjourn**
All participants should plan to depart no earlier than 5:15 p.m. on Wednesday.
APPENDIX A

National Goat Conference Committee Members

Dr. Ray Mobley (Conference Co-Chair/Sponsorship Chair), Florida A&M University
Ms. Angela McKenzie-Jakes (Conference Co-Chair/Program Chair), Florida A&M University
Ms. Joy Dixon (Conference Coordinator), Florida A&M University
Dr. Lawrence Carter (Registration Chair), Florida A&M University
Mr. Damon Miller (Logistics Committee Chair), Florida A&M University
Ms. Marion Gibbons (Public Relations Chair), Florida A&M University
Dr. Thomas Peterson (Public Relations Co-Chair), Florida A&M University
Dr. Uford Madden (Showcase Committee), Florida A&M University
Ms. Norma Tillman (Showcase Committee Co-Chair), Southeastern Small Farmer’s Network/Florida Meat Goat Association

Dr. Pamela Hunter (Proceedings Chair), Florida Department of Agriculture and Consumer Services
Ms. Willonese Adams, Southeastern Small Farmer’s Network/Florida Meat Goat Association
Mr. Edoe Agbodjan, South Carolina State University
Dr. Lee Anderson, Florida A&M University
Dr. Ken Andries, Kentucky State University
Dr. Jean Beaudouin, Florida A&M University
Ms. Susan Beddy, Florida Meat Sheep Alliance

Ms. Eunice Cornelius, Southeastern Small Farmer’s Network/Florida Meat Goat Association
Dr. Terry Gipson, Langston University
Ms. Bobbie Golden, Golden Acre Ranch
Ms. Lisa Gray, Southern University
Ms. Helen Hill, Florida Meat Goat Association
Mr. Bob Hochmuth, University of Florida
Dr. Dahlia Jackson, Delaware State University
Dr. Jackie Johnson, Alabama A&M University
Mr. Dave Kiesling, Lincoln University
Dr. Steve Meredith, Lincoln University
Dr. Seyedmehdi Mobini, Fort Valley State University
Dr. Kanagasabai Narajah, Auburn University
Dr. Ralph Noble, North Carolina State A&T University
Dr. Oghenekome Onokpise, Florida A&M University
Mr. Godfrey Nurse, Florida A&M University

Dr. An Peischel, Tennessee State University/University of Tennessee
Mr. Louie Rivers, Kentucky State University
Dr. Keawan Sarjeant, Florida A&M University
Dr. Marion Simon, Kentucky State University
Dr. Sandra Solaiman, Tuskegee University
Dr. Stephan Wildeus, Virginia State University
Dr. Sally Williams, University of Florida
## APPENDIX B

### Exhibitors’ Directory and Locations

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<th>Exhibit Locations</th>
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<td>1</td>
<td>Southern Sustainable Agriculture Research and Education (SARE)*</td>
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<tr>
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<td>eXtension Goat Industry</td>
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<tr>
<td>3</td>
<td>Lincoln University</td>
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<td>4</td>
<td>Florida Grazing Land Coalition/USDA-NRCS</td>
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<td>5</td>
<td>Treasure Cost Resource</td>
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<td>6</td>
<td>West Virginia State University*</td>
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<td>7</td>
<td>Florida Meat Goat Association</td>
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<td>8</td>
<td>Langston University*</td>
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<td>9</td>
<td>Delaware State University*</td>
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<td>10</td>
<td>USDA/Animal and Plant Health Inspection Service (APHIS)</td>
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<td>Florida Department of Agriculture and Consumer Services</td>
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<td>12</td>
<td>Florida A&amp;M University - Children, Youth, and Families at Risk, 4-H (CYFAR)*</td>
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<td>13</td>
<td>Florida A&amp;M University - Expanded Food and Nutrition Education Program (EFNEP)*</td>
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<td>Florida A&amp;M University - Beginning Farmers and Ranchers*</td>
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<td>Florida A&amp;M University - Cooperative Extension*</td>
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<td>Florida A&amp;M University - Small Ruminant Program</td>
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<td>Florida A&amp;M University – Sustainable Small Scale Cropping Systems</td>
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<td>University of Florida/IFAS*</td>
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<td>Pasture Management Systems</td>
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<td>Virginia State University*</td>
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<td>Tennessee State University*</td>
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<td>Exhibit Locations</td>
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<td>Sunbelt Agricultural Exposition*</td>
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<td>Kentucky State University*</td>
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<td>Southeastern Small Farmers Network/Heifer International</td>
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<td>Stay-Tuff Fence Manufacturing</td>
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<td>ATTRA/Natural Center for Appropriate Technology (NCAT)</td>
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<td>South Carolina State University</td>
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<td>Alabama Cooperative Extension System</td>
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<td>Central State Enterprise, Inc.</td>
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<td>46</td>
<td>Florida A&amp; M University – Animal Health*</td>
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*Conference Sponsor and Exhibitor*
APPENDIX C

Poster Abstracts and Locations

<table>
<thead>
<tr>
<th>Poster Locations</th>
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<tbody>
<tr>
<td>1</td>
<td><strong>Embryonic and Fetal Loss in Goats: Characterization of Amount, Timing, and Factors Associated with Losses</strong></td>
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<tr>
<td></td>
<td>C. Baumbach¹, C. Cavel, B. Hollingsworth, C. Clifford-Rathert¹, E. K. Inskeep², and A.K. Wurse, ¹Department of Cooperative Research, Lincoln University, Jefferson City, MO, Division of Animal and Nutritional Sciences, ²West Virginia University, Morgantown, WV</td>
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<tr>
<td>2</td>
<td><strong>Identifying Factors that Determine the Demand for Goat Meat in Florida</strong></td>
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<td>N. Brown, A. McKenzie-Jakes, and G. Queeley, Florida A&amp;M University, College of Engineering Sciences, Technology, and Agriculture, Tallahassee, FL</td>
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<td>3</td>
<td><strong>Fecal Gastrointestinal Parasite Egg Counts in Post-Parturient Does Fed Sericea Lespedeza (Lespedeza cuneata)</strong></td>
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<td>L. Carter, W. Wilson College; N. Whitley, North Carolina A&amp;T State University; D. Kahl, W. Wilson College; T. Terrill, Fort Valley State University; and J. Miller, Louisiana State University</td>
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<td>4</td>
<td><strong>Adding Value to the Small Ruminant Product through the Transfer and Commercialization of Production Technologies</strong></td>
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<td></td>
<td>A. Fearon, Caribbean Agricultural Research and Development Institute, Kingston, Jamaica; F. Asiedu, Caribbean Agricultural Research and Development Institute, St. Augustine, Trinidad and Tobago; and N. Gibson, Caribbean Agricultural Research and Development Institute, St. Augustine, Trinidad and Tobago</td>
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<tr>
<td>5</td>
<td><strong>Kids and Calves Grazing Together and Separately under Continuous and Rotational Grazing Systems</strong></td>
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<td>S. Gebrelul and L. Gray, Southern University Ag. Center</td>
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<tr>
<td>6</td>
<td><strong>Comparative Reproductive Characterization of Four Crossbred Groups of Hair Sheep Prolificacy</strong></td>
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7 Integration of Meat Goats into Loblolly Pines in West Alabama

N. Gurung, Department of Agricultural and Environmental Sciences, Tuskegee University, AL; R. Lawler, Department of Agricultural and Environmental Sciences, Tuskegee University, AL; M. Goodman, Department of Agronomy and Soils, Auburn University, AL; and O. Bolden-Tiller, Department of Agricultural and Environmental Sciences, Tuskegee University, AL

8 Pastures for Dairy Goat Milk Production

S. Hart, Langston University, Langston, OK

9 Knowledge Gained from Marketing Goat Meat through Six Central Kentucky Hispanic Grocery Stores

T. Hutchens, N. Calix², K. Andries², S. Wesley¹, L. Meyer¹, and G. Rentfrow¹, ¹University of Kentucky, Lexington, KY; ²Kentucky State University, Frankfort, KY

10 Estrus and Mating Response in Meat Goats Following Estrus Synchronization Protocols

D. Jackson-O'Brien, Delaware State University; J.L. Eierman, Delaware State University; E. Crook, Delaware State University; K. Matthews, Delaware State University; and N. Whitley, North Carolina A&T State University

11 Previous Anthelmintic Use and Integrated Parasite Management on Gastrointestinal Nematode Resistance on Sheep and Goat Farms in the Mid-Atlantic U.S.

D. Jackson-O'Brien, Delaware State University; E. Crook, Delaware State University; N. Whitley, North Carolina A & T State University; B. Storey, University of Georgia; S. Howell, University of Georgia; and R. Kaplan, University of Georgia

12 Coccidiosis of Goats in Florida

T. Kahan, University of Florida, Gainesville, FL; and Ellis Greiner, University of Florida, Gainesville, FL
13 Brief Pre-Partum Supplementation Increased Colostrum Production in Maiden Cashmere Does

U. Karki, The University of Western Australia; I. Williams, The University of Western Australia; J.T.B. Milton, The University of Western Australia; and L. McCann, The University of Western Australia

1Presently at Tuskegee University.

14 The Effects of Mixed Species Grazing on the Determination of Gastrointestinal Infections of Haemonchus contortus in Spanish Does

R. Marshall, L. Gray, and S. Gebrelul, Southern University Ag. Center, Baton Rouge, LA

15 The Effects of Synchronization Treatments on Estrus Response in Seasonal Does

A. McKenzie-Jakes, G. Nurse, and G. Bryant, Florida A&M University

16 Stocking Rate Trials with Boer X Spanish Goats for a Loblolly Pine Silvopastoral System in North Florida

O.U. Onokpise and N. M. Bradley, College of Engineering Sciences, Technology, and Agriculture, Florida A&M University

17 Forage Quality of Bahia Grass Evaluated for a Meat Goat Agroforestry System

O.U. Onokpise and N. Bradley, College of Engineering Sciences, Technology, and Agriculture, Florida A&M University

18 Impact of Integrated Parasite Management and FAMACHA® Training in the United States

N. Whitley, North Carolina A&T State University; M. Perdue, University of Maryland-Eastern Shore; S. Schoenian, University of Maryland Extension; R. Kaplan, University of Georgia; B. Storey, University of Georgia; T. Terrill, Fort Valley State University; J. Burke, USDA-ARS; S. Mobini, Fort Valley State University; and J. Miller, Louisiana State University
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<tr>
<th>Number</th>
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<tr>
<td>20</td>
<td>Reproductive Performance of Three Hair Sheep Breeds Under an Accelerated Mating System</td>
<td>S. Wildeus, Virginia State University</td>
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<td>21</td>
<td>Indicators of Gastrointestinal Parasitism in Meat Goat and Hair Sheep Breeds Grazing Naturally Infected Pasture</td>
<td>S. Wildeus, Virginia State University and A.M. Zajac, Virginia-Maryland Regional College of Veterinary Medicine</td>
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<td>22</td>
<td>Comparative Performance of Meat Goat Kids and Hair Sheep Lambs Fed Hay-Based Diets</td>
<td>S. Wildeus and J. R. Collins, Virginia State University</td>
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<td>23</td>
<td>Growth Performance of Lambs of Three Hair Breeds Fed Pasture or Hay-Based Diets</td>
<td>S. Wildeus and J. R. Collins, Virginia State University</td>
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<td>24</td>
<td>Effects of Semen Collection Method on Ejaculate Characteristics in Meat Goat Bucks and Hair Sheep Rams</td>
<td>S. Wildeus, Virginia State University; and S. Meredith, Lincoln University</td>
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<td>25</td>
<td>Factors Influencing Pregnancy Rate after AI with Fresh and Chilled Semen in Meat Goats Treated with Melengestrol Acetate</td>
<td>S. Wildeus, Virginia State University</td>
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<td>26</td>
<td>Intake, Performance, and Blood Parameters in Young Goats Offered High Forage Diets of Lespedeza or Alfalfa Hay</td>
<td>S. Wildeus, Virginia State University, Petersburg, VA; and K. Turner, USDA-ARS</td>
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</tbody>
</table>
27 Effect of Forage Type on Growth Rate and Carcass Characteristics in Boer Goats Fed Hay-Based Diets

S. Wildeus, Virginia State University; J.M Luginbuhl, North Carolina State University; and K. Turner, USDA-ARS

28 Growth and Survival of Kids of Three Goat Breeds During Different Seasons

S. Wildeus, Virginia State University; and T. Gipson, Langston University

29 Efficacy of Melengestrol Acetate Feeding to Advance Breeding in Hair Sheep and Meat Goats Managed in an Accelerated Mating System

S. Wildeus, Virginia State University

30 Expression of CD 14 in Haemonchus Infected Goats

## APPENDIX E

### Complimentary Shuttle Service
*(Courtesy of Florida A&M University and Paul Tours)*

**Daily Shuttle Schedule**
*(Complimentary services are provided to transport conference guests to their hotels and to the Leon County Civic Center)*

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<th>September 13th, 2010</th>
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| *The shuttle buses departs from the Civic Center at 12:20 pm and departs from the farm at 5:15 pm* |

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*The shuttle buses departs from the Civic Center at 12:20 pm and departs from the farm at 5:15pm*
## APPENDIX F

### Points of Contact for the Goat Industry

<table>
<thead>
<tr>
<th>AFFILIATION</th>
<th>NAME</th>
<th>PHONE</th>
<th>EMAIL</th>
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<tbody>
<tr>
<td>Alabama A&amp;M University</td>
<td>Dr. Jacqueline Jackson</td>
<td>(256)372-5713</td>
<td><a href="mailto:jacq.johnson@aamu.edu">jacq.johnson@aamu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Maria Lenira Leite-Browning</td>
<td>(256)372-4954</td>
<td><a href="mailto:ml0002@aces.edu">ml0002@aces.edu</a></td>
</tr>
<tr>
<td>Alcorn State University</td>
<td>Dr. Cassandra Vaughn</td>
<td>(601)877-6693</td>
<td><a href="mailto:cfvaughn@lorman.alcorn.edu">cfvaughn@lorman.alcorn.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Greg Reed</td>
<td>(601)877-3933</td>
<td><a href="mailto:greed@alcorn.edu">greed@alcorn.edu</a></td>
</tr>
<tr>
<td>Auburn University</td>
<td>Dr. Nada K. Nadarajah</td>
<td>(334)844-1502</td>
<td><a href="mailto:nadsarka@auburn.edu">nadsarka@auburn.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. David Pugh</td>
<td>(334)826-8473</td>
<td><a href="mailto:dgpugh@southerntraxx.com">dgpugh@southerntraxx.com</a></td>
</tr>
<tr>
<td>Delaware State University</td>
<td>Dr. Dahlia Jackson-O’Brien</td>
<td>(302)857-6490</td>
<td><a href="mailto:djackson@desu.edu">djackson@desu.edu</a></td>
</tr>
<tr>
<td>Florida A&amp;M University</td>
<td>Dr. Ray Mobley</td>
<td>(850)412-5117</td>
<td><a href="mailto:ray.mobley@famu.edu">ray.mobley@famu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Ms. Angela McKenzie-Jakes</td>
<td>(850)875-8552</td>
<td><a href="mailto:angela.mckenziejakes@famu.edu">angela.mckenziejakes@famu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Thomas Eric Peterson</td>
<td>(850)412-5117</td>
<td><a href="mailto:thomas.peterson@famu.edu">thomas.peterson@famu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Jean Beaudouin</td>
<td>(850)875-8559</td>
<td><a href="mailto:jbeaudouin@yahoo.com">jbeaudouin@yahoo.com</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Lee Anderson</td>
<td>(850)599-3570</td>
<td><a href="mailto:lee.anderson@famu.edu">lee.anderson@famu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Godfrey Nurse</td>
<td>(850)875-8559</td>
<td><a href="mailto:godfrey.nurse@hotmail.com">godfrey.nurse@hotmail.com</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Keawin Sarjeant</td>
<td>(850)599-3570</td>
<td><a href="mailto:keawin@yahoo.com">keawin@yahoo.com</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Gerry Bryant</td>
<td>(850)875-8555</td>
<td>N/A</td>
</tr>
<tr>
<td>Florida Department of Agri.</td>
<td>Dr. Pamela Hunter</td>
<td>(850)410-0947</td>
<td><a href="mailto:hunterp@doacs.state.fl.us">hunterp@doacs.state.fl.us</a></td>
</tr>
<tr>
<td>Fort Valley State University</td>
<td>Dr. Will Getz</td>
<td>(478)825-6345</td>
<td><a href="mailto:getzw@mail.fvsu.edu">getzw@mail.fvsu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Seyedemehdi Mobini</td>
<td>(478)825-6427</td>
<td><a href="mailto:mobinis@fvsu.edu">mobinis@fvsu.edu</a></td>
</tr>
<tr>
<td>Kentucky State University</td>
<td>Dr. Ken Andries</td>
<td>(502)597-5094</td>
<td><a href="mailto:kenneth.andries@kysu.edu">kenneth.andries@kysu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Dr. Marion Simon</td>
<td>(502)597-6437</td>
<td><a href="mailto:marion.simon@kysu.edu">marion.simon@kysu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Mr. Louie Rivers</td>
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</tr>
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</table>
*Please accept our apologies, if your name or affiliation was not included in this appendix. We are currently updating this list, so please send your name, contact information and organization to angela.mckenziejakes@famu.edu. Include in the subject line of your email, industry contact and indicate in your email which list (i.e., goat or sheep industry) you would like your contact information included in our database.
## APPENDIX G

### Points of Contact for the Sheep Industry

<table>
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<th>AFFILIATION</th>
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<tr>
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# APPENDIX H

## Other Points of Contact

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<th>AFFILIATIONS</th>
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<td>Florida Farm Bureau</td>
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<td>Farm Credit</td>
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<td>Florida Grazing Land Coalition</td>
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<td>Jeffers (Agriculture Supplies)</td>
<td><a href="http://jefferslivestock.com/ssc">http://jefferslivestock.com/ssc</a></td>
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<tr>
<td>Minority Landowner Magazine</td>
<td><a href="http://ccpublishing@earthlink.net">http://ccpublishing@earthlink.net</a></td>
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<td>Tractor Supply</td>
<td><a href="http://www.TractorSupply.com">http://www.TractorSupply.com</a></td>
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### USDA Programs

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<td>Risk Management Agency (RMA)</td>
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<td>Southern Sustainable Agriculture Research and Education (SARE)</td>
<td><a href="http://sare.org/">http://sare.org/</a></td>
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<td>Natural Resources Conservation Services (NRCS)</td>
<td><a href="http://www.nrcs.usda.gov/">http://www.nrcs.usda.gov/</a></td>
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<tr>
<td>USDA</td>
<td><a href="http://www.usda.gov/wps/portal/usda/usdahome">http://www.usda.gov/wps/portal/usda/usdahome</a></td>
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### Funding Opportunities

<table>
<thead>
<tr>
<th>Affiliation</th>
<th>CONTACT INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>USDA/RMA</td>
<td><a href="http://www.rma.usda.gov">http://www.rma.usda.gov</a></td>
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<tr>
<td>SARE</td>
<td><a href="http://sare.org/">http://sare.org/</a></td>
</tr>
<tr>
<td>National Sheep Improvement Program</td>
<td><a href="http://nsip.org/">http://nsip.org/</a></td>
</tr>
<tr>
<td>Farm Loan Programs</td>
<td><a href="http://www.fsa.usda.gov/FSA/webapp?area=home&amp;subject=fmlp&amp;topi">http://www.fsa.usda.gov/FSA/webapp?area=home&amp;subject=fmlp&amp;topi</a></td>
</tr>
<tr>
<td>Heifer International</td>
<td><a href="http://www.heifer.org/site/edJRKQNiFiG/b.204586/?msource=kw86&amp;sou">http://www.heifer.org/site/edJRKQNiFiG/b.204586/?msource=kw86&amp;sou</a></td>
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<tr>
<td>USDA/NRCS – Cost Share Program</td>
<td><a href="http://www.nrcs.usda.gov/programs/equip/">http://www.nrcs.usda.gov/programs/equip/</a></td>
</tr>
</tbody>
</table>

*Please accept our apologies, if your name or affiliation was not included in this appendix. We are currently updating this list, so please send your name, contact information and organization to angela.mckenziejakes@famu.edu. Include in the subject line of your email, industry contact and indicate in your email which list (i.e., goat or sheep industry) you would like your contact information included in our database.*
APPENDIX I

Directions to the Civic Center

[Map showing directions to the Civic Center]

Exhibitors Loading Dock
(make a left into parking lot)
APPENDIX J

Leon County Civic Center Meeting Rooms (Lower Lobby)

- Start at 101 S ADAMS ST, TALLAHASSEE going toward W COLLEGE AVE - go 0.2 mi
- Turn Right on W PENSACOLA ST (SR-366 W) - go 0.3 mi
- Arrive at 505 W PENSACOLA ST, TALLAHASSEE, on the Left

APPENDIX J
Leon County Civic Center Meeting Rooms (Lower Lobby)
APPENDIX K

Directions from the Doubletree Hotel to the Civic Center

Distance: 0.43 mi  Time: 2 mins

- Start at 101 S ADAMS ST, TALLAHASSEE going toward W COLLEGE AVE - go 0.2 mi
- Turn Right on W PENSACOLA ST(SR-366 W) - go 0.3 mi
- Arrive at 505 W PENSACOLA ST, TALLAHASSEE, on the Left
APPENDIX L

Directions from the Holiday Inn Suites to the Civic Center

Distance: 4.54 mi  Time: 14 mins

- Start at 2725 GRAVES RD, TALLAHASSEE going toward N MONROE ST - go < 0.1 mi
- Turn Right on N MONROE ST(US-27 S) - go 4.1 mi
- Turn Right on E JEFFERSON ST(SR-366) - go < 0.1 mi
- Bear Left to follow SR-366 - go 0.3 mi
- Arrive at 505 W Pensacola St. Tallahassee, on the left
APPENDIX M

Directions from the Civic Center to FAMU’s Research and Extension Center (Farm Tour)

Distance: 27.25 mi Time: 44 mins

- Start at 505 W PENSACOLA ST, TALLAHASSEE going toward S MACOMB ST - go 0.1 mi
- Turn Right on S MACOMB ST
- Turn Right on S MACOMB ST - go 0.4 mi
- Turn Left on W TENNESSEE ST (US-90) - go 7.8 mi
- Continue to follow US-90 - go 3.8 mi
- Bear Right on DOVER RD (CR-159) - go < 0.1 mi
- Turn Right on BLUE STAR HWY (US-90 W) - go 8.0 mi
- Continue to follow US-90 W - go 1.9 mi
- Turn Right on N ADAMS ST (SR-267) - go 0.9 mi
- Continue to follow SR-267 - go 4.2 mi
- Arrive at 4259 BAINBRIDGE HWY, QUINCY, on the L
APPENDIX N

Directions from the Civic Center to FAMU’s Campus

- Head west on W Pensacola St toward S Macomb St
- Turn left at S Macomb St
- Continue onto Railroad Ave
- Turn left at Gamble St
- Turn right at S Martin Luther King Jr. Blvd
Direction: 2.61 mi Time: 7 mins

- Start at 101 S ADAMS ST, TALLAHASSEE going toward W COLLEGE AVE - go < 0.1 mi
- Turn Left on E COLLEGE AVE - go < 0.1 mi
- Turn Right on S MONROE ST(US-27) - go 0.2 mi
- Turn Left on APALACHEE PKY(US-27 S) - go 1.8 mi
- Make a U-Turn at BLAIR STONE RD onto APALACHEE PKY(US-27 N) - go 0.5 mi
- Arrive at 1500 APALACHEE PKY, TALLAHASSEE, on the Right

Restaurants on Apalachee Parkway

<table>
<thead>
<tr>
<th>Restaurants</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cabos Tacos</td>
<td>(850) 878-7707</td>
</tr>
<tr>
<td>King Buffet (Chinese Food)</td>
<td>(850) 216-2188</td>
</tr>
<tr>
<td>Olive Garden</td>
<td>(850) 878-2949</td>
</tr>
<tr>
<td>Applebee’s</td>
<td>(850) 222-1254</td>
</tr>
<tr>
<td>Ruby Tuesday’s</td>
<td>(850) 656-1309</td>
</tr>
<tr>
<td>Logan’s Roadhouse</td>
<td>(850) 656-5756</td>
</tr>
<tr>
<td>Sonny’s Bar-B-Q</td>
<td>(850) 878-1185</td>
</tr>
<tr>
<td>Chilli’s</td>
<td>(850) 877-2148</td>
</tr>
<tr>
<td>Moe’s Southwest Grill</td>
<td>(850) 224-6637</td>
</tr>
</tbody>
</table>
APPENDIX P

Directions from the Holiday Inn Suites to the Tallahassee Mall

Distance: 1.67 mi  Time: 4 mins
- Start at 2725 GRAVES RD, TALLAHASSEE going toward N MONROE ST - go < 0.1 mi
- Turn Right on N MONROE ST(US-27 S) - go 1.6 mi
- Arrive at 2415 N MONROE ST, TALLAHASSEE, on the Left

Restaurants on North Monroe

<table>
<thead>
<tr>
<th>Restaurants</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Barnacle Bills Seafood Restaurant</td>
<td>(850) 385-8734</td>
</tr>
<tr>
<td>El Chico</td>
<td>(850) 386-1133</td>
</tr>
<tr>
<td>Julies</td>
<td>(850) 386-7181</td>
</tr>
<tr>
<td>Hopkins Eatery</td>
<td>(850) 386-4258</td>
</tr>
<tr>
<td>Red Lobster</td>
<td>(850) 385-1136</td>
</tr>
<tr>
<td>Super China Buffet</td>
<td>(850) 553-9292</td>
</tr>
<tr>
<td>Ole Times Country Buffet</td>
<td>(850) 580-1600</td>
</tr>
<tr>
<td>Golden Corral</td>
<td>(850) 224-4363</td>
</tr>
<tr>
<td>Shoney’s Restaurant</td>
<td>(850) 386-1340</td>
</tr>
<tr>
<td>Cracker Barrel</td>
<td>(850) 385-9249</td>
</tr>
</tbody>
</table>