



**“STRENGTHENING THE  
GOAT INDUSTRY”**

**PROGRAM OF THE NATIONAL  
GOAT CONFERENCE**

**FLORIDA A&M UNIVERSITY  
SEPTEMBER 12-15, 2010**



## Conference Sponsors



### Platinum Sponsors

Florida A&M University  
Southern Sustainable Agriculture Research & Education (SARE)  
USDA-Risk Management Agency (RMA)

### Silver Sponsors

University of Florida/IFAS  
Association of Extension Administrators (AEA)  
Farm Credit  
USDA/Animal and Plant Health Inspection Service (APHIS)

### Bronze Sponsors

USDA-Farm Service Agency (FSA)  
West Virginia State University  
Lincoln University  
Langston University  
Alcorn State University  
Kentucky State University  
Delaware State University  
Fort Valley State University  
Virginia State University  
University of Maryland – Eastern Shore  
Prairie View A&M University  
Minority Landowner Magazine  
North Carolina A&T University  
Alabama A&M University  
Sunbelt Agricultural Exposition  
Auburn University

### Patron Sponsors

Agri Supply  
Tuskegee University  
Southern University  
Florida Farm Bureau

# NATIONAL GOAT CONFERENCE 2010

## “Strengthening the Goat Industry”



**Hosted  
by**

**Florida A&M University  
College of Engineering Sciences, Technology, and Agriculture  
Cooperative Extension Program  
and the Statewide Goat Program**

<http://www.famu.edu/goats>



**Consulting Editor**

Dr. Pamela A. Hunter  
Veterinarian Manager – Small Ruminants, Swine, and Poultry Programs  
Florida Department of Agriculture and Consumer Services  
Division of Animal Industry

**Line Editor**

Ms. Anne Vuxton  
Administrative Assistant II  
Florida Department of Agriculture and Consumer Services, Division of Animal Industry

*This public document was promulgated at the cost of \$1,076.65 or \$3.07 per copy, to provide scientists, educators, agricultural administrators, and small-scale farmers with valuable information on small ruminant production.  
Florida A&M University is an Affirmative Action, Equal Opportunity Educational Institution*

# TABLE OF CONTENTS

	Page
Conference Sponsors.....	ii
Welcome.....	5-6
Keynote Speaker’s Biography.....	7
Conference Agenda.....	8-22

## **APPENDICES**

Appendix A: National Goat Conference Committee Members.....	23
Appendix B: Exhibitors’ Directory and Locations.....	24-25
Appendix C: Poster Abstracts and Locations.....	26-30
Appendix D: Exhibitors and Poster Location Map.....	31
Appendix E: Complementary Shuttle Service.....	32
Appendix F: Points of Contact for the Goat Industry.....	33-34
Appendix G: Points of Contact for the Sheep Industry.....	35-36
Appendix H: Other Points of Contact.....	37
Appendix I: Directions to the Civic Center.....	38
Appendix J: Civic Center Meeting Rooms (Lower Lobby).....	39
Appendix K: Directions from the Doubletree Hotel to the Civic Center.....	40
Appendix L: Directions from the Holiday Inn Suites to the Civic Center.....	41
Appendix M: Directions from the Civic Center to FAMU’s Research and Extension Center (Farm Tour).....	42
Appendix N: Directions from the Civic Center to FAMU’s ..... Campus	43

## **SHOPPING AND RESTAURANTS**

Appendix O: Directions from the Doubletree Hotel to Governor’s Square Mall.....	44
Appendix P: Directions from the Holiday Inn Suites to Tallahassee Mall.....	45

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**

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

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

3:55 p.m. - 4:35 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 III  
Department of Animal Sciences  
Auburn University

4:35 p.m. - 5:15 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

3:15 p.m. - 3:55 p.m. *U.S. Live Animal and Carcass Selection Standards for Goats*  
Mr. Orlando Phelps, Training Officer, Agricultural Marketing Service, Livestock and Seed Program, Meat Grading and Certification Branch/USDA

3:55 p.m. - 4:35 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

4:35 p.m. - 5:15 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**

3:15 p.m. - 3:55 p.m. *Overcoming Challenges to Sheep Production through Nutrition*  
Dr. Paul Davis, Ruminant Nutritionist  
Tennessee Farmers Cooperative

3:55 p.m. - 4:35 p.m.

*Threat Level Orange: Flock Biosecurity*  
Dr. Ann Goplen, Small Ruminant Clinical Specialist  
College of Veterinary Medicine, University of Minnesota

4:35 p.m. - 5:15 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

3:15 p.m. - 3:55 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

3:55 p.m. - 4:35 p.m.

*Reproduction Management*  
Dr. Stephan Wildeus, Research Professor  
Agricultural Research Station  
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
- 3:20 p.m. - 4:00 p.m. *eXtension Goat Industry Information on the Web*  
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
- 3:20 p.m. - 4:00 p.m. *Food Safety at the Farm*  
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. - 4:50 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*

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

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**

5:15 p.m.

**Depart from Tallahassee**

**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 Miler (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. Keawin 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

### Exhibit Locations

### Exhibits

1	Southern Sustainable Agriculture Research and Education (SARE)*
2	eXtension Goat Industry
3	Lincoln University
4	Florida Grazing Land Coalition/USDA-NRCS
5	Treasure Cost Resource
6	West Virginia State University*
7	Florida Meat Goat Association
8	Langston University*
9	Delaware State University*
10	USDA/Animal and Plant Health Inspection Service (APHIS)
11	Florida Department of Agriculture and Consumer Services
12	Florida A&M University - Children, Youth, and Families at Risk, 4-H (CYFAR)*
13	Florida A&M University - Expanded Food and Nutrition Education Program (EFNEP)*
14	Florida A&M University - Beginning Farmers and Ranchers*
15	Florida A&M University - Cooperative Extension*
16	Florida A&M University - Small Ruminant Program
17	Florida A&M University – Sustainable Small Scale Cropping Systems
18	University of Florida/IFAS*
19	University of Florida – Animal Sciences
20	Tuskegee University*
21	Alabama Agricultural Land Grant Alliance (AALGA)
22	Alabama A&M University*
23	Fort Valley State University*
24	Prairie View A&M University*
25	Southern University
26	Allflex USA, Inc.
27	North Carolina A&T University*
28	USDA- Farm Service Agency (FSA)*
29	Alcorn State University*
30	Pasture Management Systems
31	Virginia State University*
32	Minority Landowner Magazine*
33	University of Maryland - Eastern Shore*
34	Farm Credit*
35	Tennessee State University*
36	G&M Certified Farm



## **Exhibit Locations**

## **Exhibits**

<b>37</b>	Sunbelt Agricultural Exposition*
<b>38</b>	Kentucky State University*
<b>39</b>	Southeastern Small Farmers Network/Heifer International
<b>40</b>	Stay-Tuff Fence Manufacturing
<b>41</b>	ADM Alliance Nutrition
<b>42</b>	ATTRA/Natural Center for Appropriate Technology (NCAT)
<b>43</b>	South Carolina State University
<b>44</b>	Alabama Cooperative Extension System
<b>45</b>	Central State Enterprise, Inc.
<b>46</b>	Florida A& M University – Animal Health*

*\*Conference Sponsor and Exhibitor*

# APPENDIX C

## Poster Abstracts and Locations

### Poster Locations

### Poster Abstracts

- 1 Embryonic and Fetal Loss in Goats: Characterization of Amount, Timing, and Factors Associated with Losses**

C. Baumbach<sup>1</sup>, C. Cavel, B. Hollingsworth, C. Clifford-Rathert<sup>1</sup>, E. K. Inskeep<sup>2</sup>, and A.K. Wurse, <sup>1</sup>Department of Cooperative Research, Lincoln University, Jefferson City, MO, Division of Animal and Nutritional Sciences, <sup>2</sup>West Virginia University, Morgantown, WV
- 2 Identifying Factors that Determine the Demand for Goat Meat in Florida**

N. Brown, A. McKenzie-Jakes, and G. Queeley, Florida A&M University, College of Engineering Sciences, Technology, and Agriculture, Tallahassee, FL
- 3 Fecal Gastrointestinal Parasite Egg Counts in Post-Parturient Does Fed *Sericea Lespedeza* (*Lespedeza cuneata*)**

L. Carter, W. Wilson College; N. Whitley, North Carolina A&T State University; D. Kahl, W. Wilson College; T. Terrill, Fort Valley State University; and J. Miller, Louisiana State University
- 4 Adding Value to the Small Ruminant Product through the Transfer and Commercialization of Production Technologies**

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
- 5 Kids and Calves Grazing Together and Separately under Continuous and Rotational Grazing Systems**

S. Gebrelul and L. Gray, Southern University Ag. Center
- 6 Comparative Reproductive Characterization of Four Crossbred Groups of Hair Sheep Prolificacy**

W. R. Getz, S. Mobini, and S. Gelaye, Fort Valley State University, Fort Valley

**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. Calix<sup>2</sup>, K. Andries<sup>2</sup>, S. Wesley<sup>1</sup>, L. Meyer<sup>1</sup>, and G. Rentfrow<sup>1</sup>, <sup>1</sup>University of Kentucky, Lexington, KY; <sup>2</sup>Kentucky 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

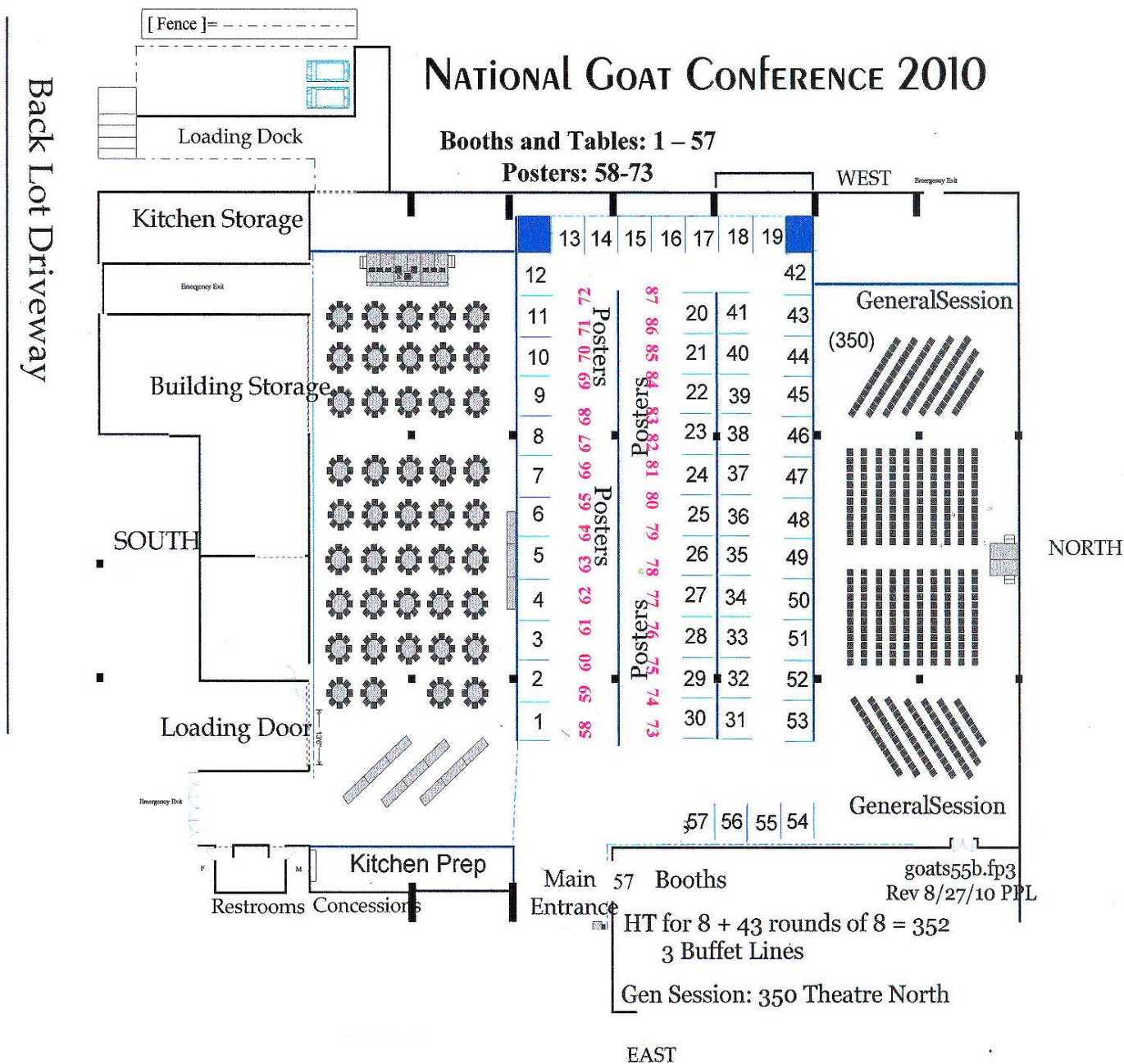
- 13**                    **Brief Pre-Partum Supplementation Increased Colostrum Production in Maiden Cashmere Does**
- U. Karki<sup>1</sup>, The University of Western Australia; I. Williams, The University of Western Australia; J.T.B. Milton, The University of Western Australia; and L. McCann, The University of Western Australia
- <sup>1</sup>Presently 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

- 19            **Intake, Growth and Carcass Characteristics in Boer- and Kiko-Sired Crossbred Kids Fed Hay-Based Diets**  
S. Wildeus and J. R. Collins, Virginia State University
- 20            **Reproductive Performance of Three Hair Sheep Breeds Under an Accelerated Mating System**  
S. Wildeus, Virginia State University
- 21            **Indicators of Gastrointestinal Parasitism in Meat Goat and Hair Sheep Breeds Grazing Naturally Infected Pasture**  
S. Wildeus, Virginia State University and A.M. Zajac, Virginia-Maryland Regional College of Veterinary Medicine
- 22            **Comparative Performance of Meat Goat Kids and Hair Sheep Lambs Fed Hay-Based Diets**  
S. Wildeus and J. R. Collins, Virginia State University
- 23            **Growth Performance of Lambs of Three Hair Breeds Fed Pasture or Hay-Based Diets**  
S. Wildeus and J. R. Collins, Virginia State University
- 24            **Effects of Semen Collection Method on Ejaculate Characteristics in Meat Goat Bucks and Hair Sheep Rams**  
S. Wildeus, Virginia State University; and S. Meredith, Lincoln University
- 25            **Factors Influencing Pregnancy Rate after AI with Fresh and Chilled Semen in Meat Goats Treated with Melengestrol Acetate**  
S. Wildeus, Virginia State University
- 26            **Intake, Performance, and Blood Parameters in Young Goats Offered High Forage Diets of Lespedeza or Alfalfa Hay**  
S. Wildeus, Virginia State University, Petersburg, VA; and K. Turner, USDA-ARS

- 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**
- M. Worku, Y. Ahmed, H. Mukhtar, and R. Noble, North Carolina A&T University

# APPENDIX D

## Exhibitors and Poster Location Map



# 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)

September 13 <sup>th</sup> , 2010			
Doubletree Hotel		Holiday Inn	
Morning Shuttle	Evening Shuttle	Morning Shuttle	Evening Shuttle
6:00 am	5:30 pm	6:00 am	5:30 pm
6:30 am	6:00 pm	6:45 am	6:15 pm
7:00 am	6:30 pm	7:30 am	7:00 pm
7:30 am	7:00 pm	8:15 am	7:45 pm
8:00 am	7:30 pm	8:45 am	
8:30 am			

September 14 <sup>th</sup> , 2010			
Doubletree Hotel		Holiday Inn	
Morning Shuttle	Evening Shuttle	Morning Shuttle	Evening Shuttle
6:00 am	9:00 pm	6:00 am	9:00 pm
6:30 am	9:30 pm	6:45 am	9:45 pm
7:00 am	10:00 pm	7:30 am	10:30 pm
7:30 am		8:15 am	
8:00 am		8:45 am	
8:30 am			

September 15 <sup>th</sup> , 2010			
Doubletree Hotel		Holiday Inn	
Morning Shuttle	Afternoon Shuttle*	Morning Shuttle	Afternoon Shuttle*
6:00 am	12:20 pm	6:00 am	12:20 pm
6:30 am		6:45 am	
7:00 am	Evening Shuttle*	7:30 am	Evening Shuttle*
7:30 am	5:15 pm	8:15 am	5:15 pm
8:00 am		8:45 am	
8:30 am			

\*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

AFFILIATION	NAME	PHONE	EMAIL
Alabama A&M University	Dr. Jacqueline Jackson	(256)372-5713	jacq.johnson@aamu.edu
	Dr. Maria Lenira Leite-Browning	(256)372-4954	mll0002@aces.edu
Alcorn State University	Dr. Cassandra Vaughn	(601)877-6693	cfvaughn@lorman.alcorn.edu
	Dr. Greg Reed	(601)877-3933	greed@alcorn.edu
Auburn University	Dr. Nada K. Nadarajah	(334)844-1502	nadsarka@auburn.edu
	Dr. David Pugh	(334)826-8473	dgpugh@southerntraxx.com
Delaware State University	Dr. Dahlia Jackson-O'Brien	(302)857-6490	djjackson@desu.edu
Florida A&M University	Dr. Ray Mobley	(850)412-5117	ray.mobley@famou.edu
	Ms. Angela McKenzie-Jakes	(850)875-8552	angela.mckenziejakes@famou.edu
	Dr. Thomas Eric Peterson	(850)412-5117	thomas.peterson@famou.edu
	Dr. Jean Beaudouin	(850)875-8559	jjbeaudouin@yahoo.com
	Dr. Lee Anderson	(850)599-3570	lee.anderson@famou.edu
	Mr. Godfrey Nurse	(850)875-8559	godfreynurse@hotmail.com
	Dr. Keawin Sarjeant	(850)599-3570	keawin@yahoo.com
	Mr. Gerry Bryant	(850)875-8555	N/A
Florida Department of Agri.	Dr. Pamela Hunter	(850)410-0947	hunterp@doacs.state.fl.us
Fort Valley State University	Dr. Will Getz	(478)825-6345	getzw@mail.fvsu.edu
	Dr. Seyedmehdi Mobini	(478)825-6427	mobinis@fvsu.edu
Kentucky State University	Dr. Ken Andries	(502)597-5094	kenneth.andries@kysu.edu
	Dr. Marion Simon	(502)597-6437	marion.simon@kysu.edu
	Mr. Louie Rivers	(502)597-6427	louie.rivers@kysu.edu
Langston University	Dr. Terry Gipson	(405)466-6126	tgipson@luresext.edu
	Dr. Steve Hart	(405)466-6138	shart@luresext.edu
	Dr. Arthur Goetsch	(405)466-6164	goetsch@luresext.edu
	Dr. Roger Merkel	(405)466-6134	rmerkel@luresext.edu
	Dr. Zaisen Wang	(405)466-6142	zwang@luresext.edu
	Dr. Steve Zeng	(405)466-6103	szeng@luresext.edu
	Dr. Ryszard Puchala	(405)466-6135	rpuchala@luresext.edu
	Dr. Kesete Tesfai	(405)466-6169	ktesfai@luresext.edu
Lincoln University	Dr. Charlotte-Rathert Clifford	(573)681-5169	clifford-rathertc@lincolnu.edu
	Mr. Dave Kiesling	(573)291-2731	KieslingD@lincolnu.edu
	Dr. Helen Swartz	(573)681-5551	HSwartz624@aol.com
	Dr. Bruce Shanks	(573)681-5382	shanksb@lincolnu.edu
Louisiana State University	Dr. Christine B. Navarre	(225)578-4194	CNavarre@agcenter.lsu.edu
Mississippi State University	Mr. Kipp Brown	(662)237-6926	kippb@ext.msstate.edu
	Mr. Cliff Covington	(601)437-5011	cliffc@ext.msstate.edu
	Mr. Roy Higdon	(601)776-3951	royh@ext.msstate.edu
	Mr. Mike Howell	(601)545-6083	mikek@ext.msstate.edu
	Mr. Mike Keene	(601)384-2349	markm@ext.msstate.edu
	Mr. Lance Newman	(662)234-4451	lancen@ext.msstate.edu
	Mr. Houston Therrell	(601)825-1461	houstont@ext.msstate.edu
North Carolina A&T University	Dr. Ralph Noble	(336)334-7547	rcnoble@ncat.edu
	Dr. Nicki Whitley	(336)334-7956	ncwhitle@ncat.edu
	Dr. Mulumbet Worku	(336)334-7615	worku@ncat.edu
North Carolina State University	Dr. Jean-Marie Luginbuhl	(919)515-8743	Jean-Marie_Luginbuhl@ncsu.edu
	Dr. Matthew H. Poore	(919)515-7798	Matt_Poore@ncsu.edu

AFFILIATION	NAME	PHONE	E-MAIL
North Dakota State University	Mr. Charles Stoltenow	(701)231-7522	Charles.Stoltenow@ndsu.edu
Oklahoma State University	Dr. David Sparks	(918)686-7800	dave.sparks@okstate.edu
Penn State	Mr. Harold W. Harpster	(814)863-0734	Hharpster@das.psu.edu
Prairie View A&M University	Dr. Barbara Johnson	(936)261-5088	bmjohnson@pvamu.edu
	Dr. Gary Newton	(936)261-5036	gnewton@pvamu.edu
	Dr. Lou Nutti	(936)261-3916	N/A
	Dr. Scott Horner	(936)261-3926	N/A
Purdue State	Mr. Mike Neary	(765)494-4849	mneary@purdue.edu
	Mr. Jason Tower	(812)678-4427	towerj@purdue.edu
Redland Community College	Mr. Sam Nusz	(866)415-6367	agriculture@redlandsc.edu
South Carolina State University	Mr. Edoe Agbodjan	(803)533-3672	eagbodjan@scsu.edu
Southern Farmers Cooperative	Dr. Paul Davis	(615)793-8339	pdavis@ourcoop.com
Southern University	Dr. Sebhatu Gebrelul	(225)771-2262	sebhatu_gebrelul@suagcenter.com.
	Ms. Lisa Gray	(225)771-2242	lisa_gray@suagcenter.com
	Dr. Renita Marshall	(225)771 2242	renita_marshall@suagcenter.com
Tennessee State University	Dr. An Peischel	(615)963-5539	apeischel@tnstate.edu
	Dr. Richard Browning	(615)963-5837	atrbrowning@tnstate.edu
Texas A&M University	Dr. Frank Craddock	(325)653-4576	b-craddock@tamu.edu
Tuskegee University	Dr. Sandra Solamin	(334)727-8401	ssolaim@tuskegee.edu
	Dr. Olga Bolden-Tiller	(334)727.8403	obtiller@tuskegee.edu
	Dr. Uma Karki	(334)727-8336	karkiu@tuskegee.edu
University of California-Davis	Ms. Jan Carlson	(530)752-6792	jlcarlson@ucdavis.edu
University of Florida	Dr. Sally Williams	(352)392-2993	wsallyk@ufl.edu
	Mr. Les Harrison	(850) 606 - 5200	HarrisonG@leoncountyfl.gov
University of Maryland-Eastern Shore	Dr. Enrique Escobar	(410)651-7930	enescobar@umes.edu
University of Maryland-Western Shore	Dr. Susan Schoenian	(301)432-2767	sschoen@umd.edu
University of Minnesota	Dr. Anne Goplen	(612)625-0280	gople003@umn.edu
	Dr. Cindy Wolf	(612)625-1780	wolfx006@umn.edu
University of Tennessee	Mr. Jerry Lamb	(423)775-7807	jlamb2@tennessee.edu
	Dr. Dwight Loveday	(865)974-7344	hloveday@tennessee.edu
	Mr. Ricky Skillington	(931)359-1929	rskillin@utk.edu
	Dr. An Peischel	(615)963-5539	apeischel@tnstate.edu
Virginia State University	Dr. Stephan Wildeus	(804)524-6716	swildeus@vsu.edu
	Dr. Adnan Yousuf	(804)524-6795	ayousuf@vsu.edu
	Dr. Michelle M. Corley	(804)524-6802	mcorley@vsu.edu
	Mr. Fidelis Okpebholo	(804)524-5493	fokpebholo@vsu.edu
Washington State University	Mr. Curtis Beus	(360)417-2279	clallam.wsu.edu
	Mr. Gary Fredricks	(360)397-6060	garyf@wsu.edu
	Dr. Susan Kerr	(509)773-5817	kerrs@wsu.edu
	Ms. Debbie Moberg	(509)524-2685	dmoberg@wsu.edu
	Mr. Tom Schultz	(360)378-4414	schultzt@wsu.edu
	Mr. Norman Suverly	(509)422-7245	suverly@wsu.edu

*\*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](mailto: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

AFFILIATION	NAME	PHONE	E-MAIL
Auburn University	Dr. Nada K. Nadarajah	(334)844-1502	nadsarka@auburn.edu
	Dr. David Pugh	(334)826-8473	dgpugh@southerntraxx.com
Cornell University	Dr. Dan L. Brown	(607)255-4407	dlb20@cornell.edu
	Dr. Mary C. Smith	(607)253-3140	mcs8@cornell.edu
Delaware State University	Dr. Dahlia Jackson-O'Brien	(302)857-6490	djjackson@desu.edu
Florida A&M University	Dr. Ray Mobley	(850)412-5117	ray.mobley@famu.edu
	Ms. Angela McKenzie-Jakes	(850)875-8552	angela.mckenziejakes@famu.edu
	Dr. Thomas Eric Peterson	(850)412-5117	thomas.peterson@famu.edu
	Dr. Jean Beaudouin	(850)875-8559	jjbeaudouin@yahoo.com
	Dr. Lee Anderson	(850)599-3570	lee.anderson@famu.edu
	Mr. Godfrey Nurse	(850)875-8559	godfreynurse@hotmail.com
	Dr. Keawin Sarjeant	(850)599-3570	keawin@yahoo.com
Florida Department of Agriculture	Mr. Gerry Bryant	(850)875-8555	N/A
Fort Valley State University	Dr. Pamela Hunter	(850)410-0947	hunterp@doacs.state.fl.us
	Dr. Will Getz	(478)825-6345	getzw@mail.fvsu.edu
Lincoln University	Dr. Seyedmehdi Mobini	(478)825-6427	mobinis@fvsu.edu
	Dr. Kesete Tesfai	(405)466-6169	ktesfai@luresext.edu
	Dr. Charlotte-Rathert Clifford	(573)681-5169	clifford-rathertc@lincolnu.edu
Louisiana State University	Mr. Dave Kiesling	(573)291-2731	KieslingD@lincolnu.edu
	Dr. Helen Swartz	(573)681-5551	HSwartz624@aol.com
	Dr. Bruce Shanks	(573)681-5382	shanksb@lincolnu.edu
	Dr. Christine B. Navarre	(225)578-4194	CNavarre@agcenter.lsu.edu
Mississippi State University	Mr. Kipp Brown	(662)237-6926	kippb@ext.msstate.edu
	Mr. Cliff Covington	(601)437-5011	cliffc@ext.msstate.edu
	Mr. Roy Higdon	(601)776-3951	royh@ext.msstate.edu
	Mr. Mike Howell	(601)545-6083	mikek@ext.msstate.edu
	Mr. Mike Keene	(601)384-2349	markm@ext.msstate.edu
	Mr. Lance Newman	(662)234-4451	lancen@ext.msstate.edu
North Carolina A&T University	Mr. Houston Therrell	(601)825-1461	houstont@ext.msstate.edu
	Dr. Ralph Noble	(336)334-7547	rcnoble@ncat.edu
	Dr. Nicki Whitley	(336)334-7956	nwhitle@ncat.edu
North Dakota State University	Dr. Mulumbet Worku	(336)334-7615	worku@ncat.edu
Oklahoma State University	Mr. Charles Stoltenow	(701)231-7522	Charles.Stoltenow@ndsu.edu
Purdue State	Dr. David Sparks	(918)686-7800	dave.sparks@okstate.edu
	Mr. Mike Neary	(765)494-4849	mneary@purdue.edu
Southern Farmers Cooperative	Mr. Jason Tower	(812)678-4427	towerj@purdue.edu
Tennessee State University	Dr. Paul Davis	(615)793-8339	pdavis@ourcoop.com
	Dr. An Peischel	(615)963-5539	apeischel@tnstate.edu
Texas A&M University	Dr. Richard Browning	(615)963-5837	atrbrowning@tnstate.edu
University of California- Davis	Dr. Frank Craddock	(325)653-4576	b-craddock@tamu.edu
University of Maryland-Western Shore	Ms. Jan Carlson	(530)752-6792	jcarlson@ucdavis.edu
University of Minnesota	Dr. Susan Schoenian	(301)432-2767	sschoen@umd.edu
	Dr. Anne Goplen	(612)625-0280	gople003@umn.edu
University of Tennessee	Dr. Cindy Wolf	(612)625-1780	wolfx006@umn.edu
	Mr. Jerry Lamb	(423)775-7807	jlamb2@tennessee.edu
	Dr. Dwight Loveday	(865)974-7344	hloveday@tennessee.edu
	Mr. Ricky Skillington	(931)359-1929	rskillin@utk.edu
	Dr. An Peischel	(615)963-5539	apeischel@tnstate.edu

<b>AFFILIATION</b>	<b>NAME</b>	<b>PHONE</b>	<b>E-MAIL</b>
<b>Virginia State University</b>	Dr. Stephan Wildeus	(804)524-6716	swildeus@vsu.edu
	Dr. Adnan Yousuf	(804)524-6795	ayousuf@vsu.edu
	Dr. Michelle M. Corley	(804)524-6802	mcorley@vsu.edu
	Mr. Fidelis Okpebholo	(804)524-5493	fokpebholo@vsu.edu
<b>Washington State University</b>	Mr. Curtis Beus	(360)417-2279	clallam@wsu.edu
	Mr. Gary Fredricks	(360)397-6060	garyf@wsu.edu
	Dr. Susan Kerr	(509)773-5817	kerrs@wsu.edu
	Ms. Debbie Moberg	(509)524-2685	dmoberg@wsu.edu
	Mr. Tom Schultz	(360)378-4414	schultzt@wsu.edu
	Mr. Norman Suverly	(509)422-7245	suverly@wsu.edu

*\*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](mailto: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 H

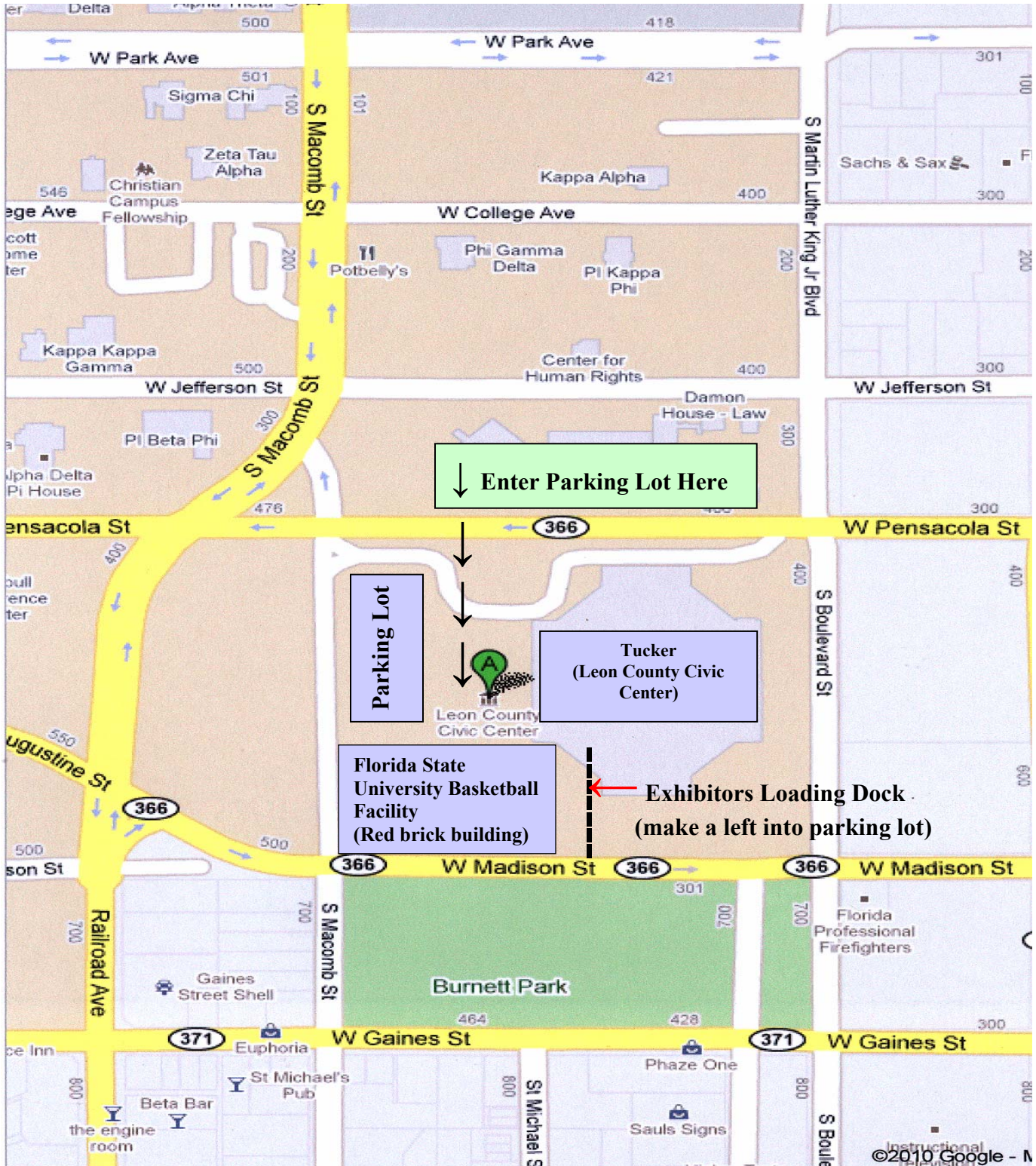
## Other Points of Contact

AFFILIATIONS	CONTACT INFORMATION
Florida Farm Bureau	<a href="http://floridafarmbureau.org/">http://floridafarmbureau.org/</a>
Farm Credit	<a href="http://www.farmcreditnetwork.com/">http://www.farmcreditnetwork.com/</a>
Florida Grazing Land Coalition	<a href="http://www.ces.fau.edu/fglc/">http://www.ces.fau.edu/fglc/</a>
Jeffers (Agriculture Supplies)	<a href="http://jefferslivestock.com/ssc">http://jefferslivestock.com/ssc</a>
Minority Landowner Magazine	<a href="http://ccpublishing@earthlink.net">http://ccpublishing@earthlink.net</a>
Tractor Supply	<a href="http://www.TractorSupply.com">http://www.TractorSupply.com</a>
Agri Supply	<a href="http://agrisupply.com/">http://agrisupply.com/</a>
<b>USDA Programs</b>	
Agriculture Marketing Service	<a href="http://www.ams.usda.gov/AMSV1.0">http://www.ams.usda.gov/AMSV1.0</a>
Farm Service Agency (FSA)	<a href="http://www.fsa.usda.gov/FSA">http://www.fsa.usda.gov/FSA</a>
Animal and Plant Health Inspection Service (APHIS)	<a href="http://www.aphis.usda.gov">http://www.aphis.usda.gov</a>
Risk Management Agency (RMA)	<a href="http://www.rma.usda.gov">http://www.rma.usda.gov</a>
Southern Sustainable Agriculture Research and Education (SARE)	<a href="http://sare.org/">http://sare.org/</a>
Natural Resources Conservation Services (NRCS)	<a href="http://www.nrcs.usda.gov/">http://www.nrcs.usda.gov/</a>
USDA	<a href="http://www.usda.gov/wps/portal/usda/usdahome">http://www.usda.gov/wps/portal/usda/usdahome</a>
<b>Funding Opportunities</b>	
USDA/RMA	<a href="http://www.rma.usda.gov">http://www.rma.usda.gov</a>
SARE	<a href="http://sare.org/">http://sare.org/</a>
National Sheep Improvement Program	<a href="http://nsip.org/">http://nsip.org/</a>
Farm Loan Programs	<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>
Heifer International	<a href="http://www.heifer.org/site/c.edJRKQNiFiG/b.204586/?msource=kw86&amp;sou">http://www.heifer.org/site/c.edJRKQNiFiG/b.204586/?msource=kw86&amp;sou</a>
USDA/NRCS – Cost Share Program	<a href="http://www.nrcs.usda.gov/programs/equip/">http://www.nrcs.usda.gov/programs/equip/</a>

*\*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](mailto: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

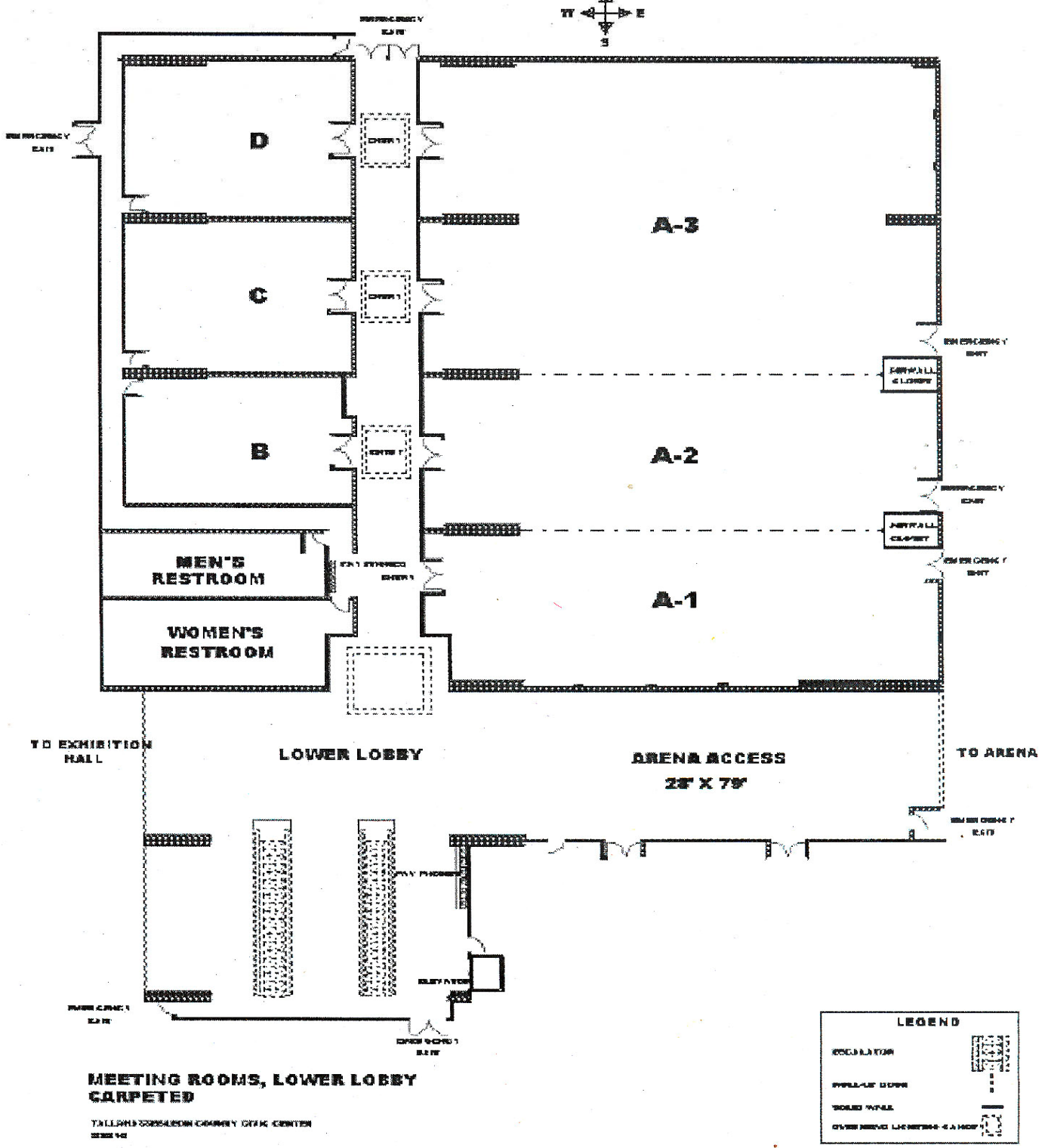
## Directions to the Civic Center



# APPENDIX J

## Leon County Civic Center Meeting Rooms (Lower Lobby)

BY

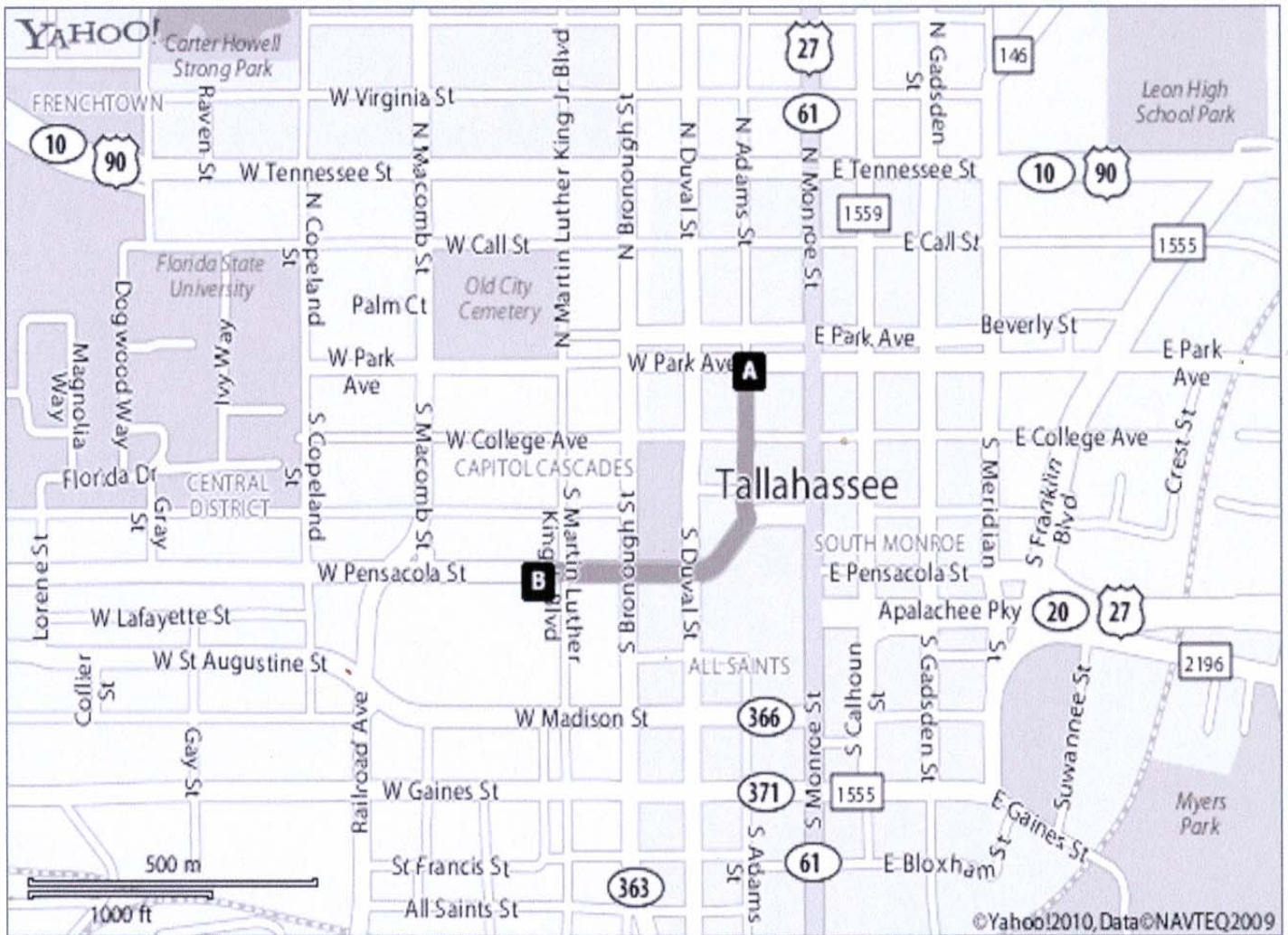


# APPENDIX K

## 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



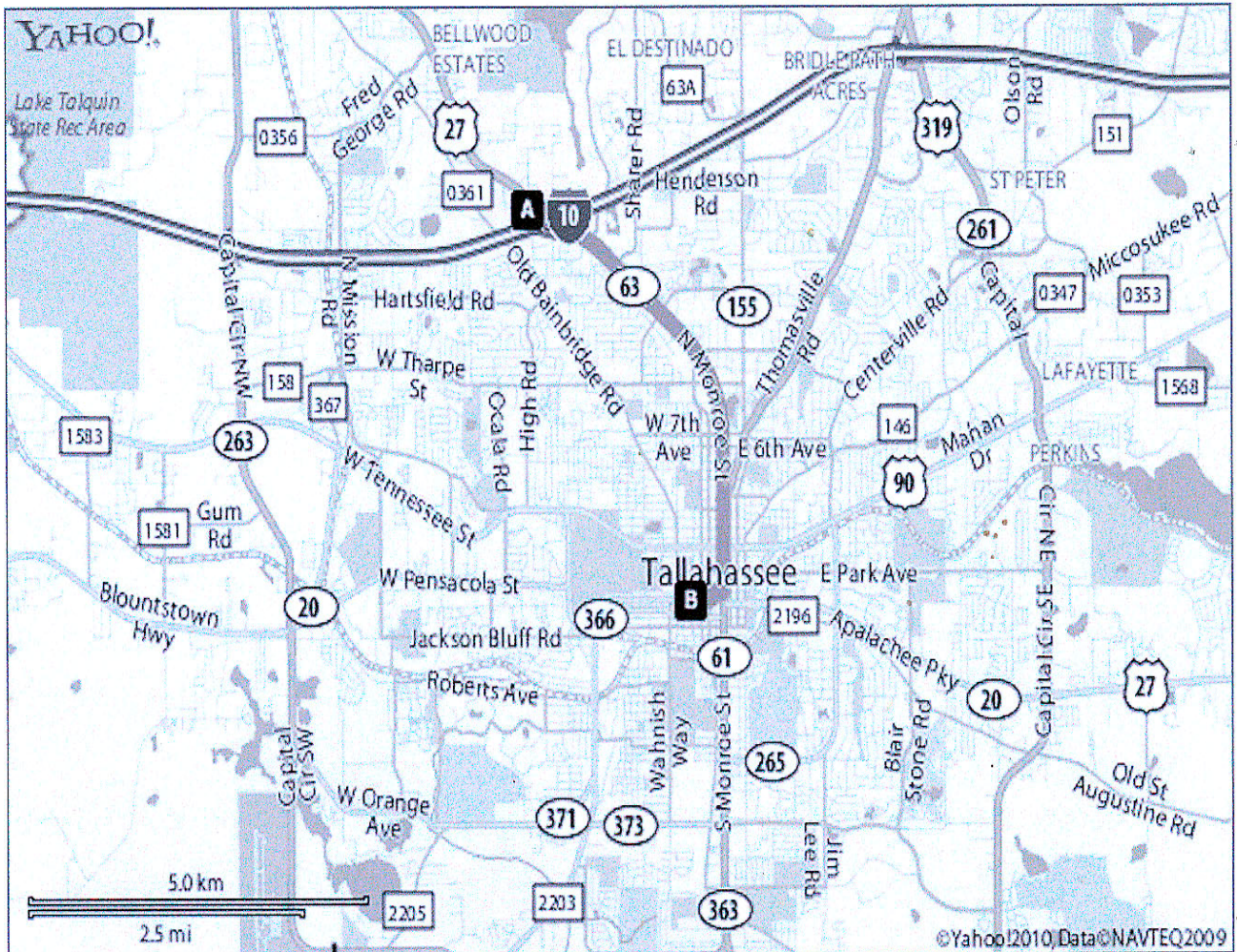


# APPENDIX L

## 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

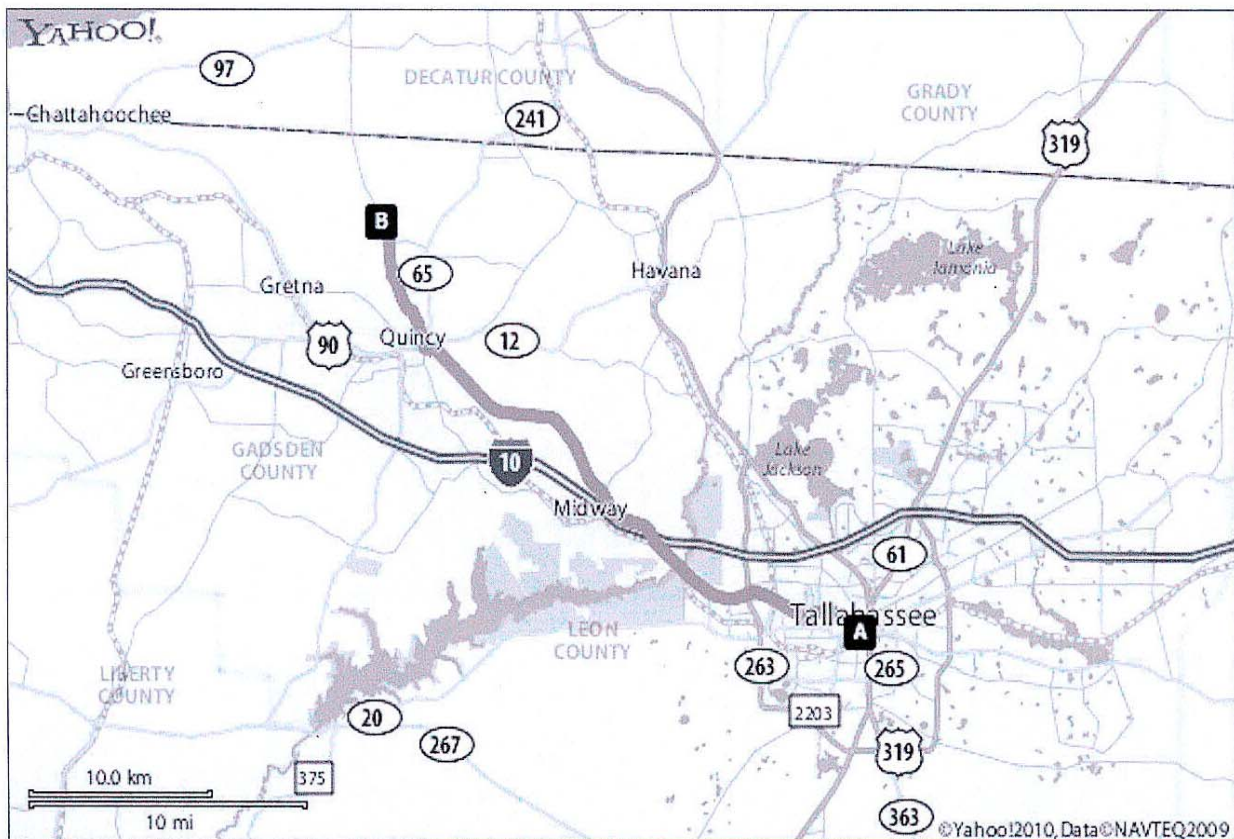


# APPENDIX M

## 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**

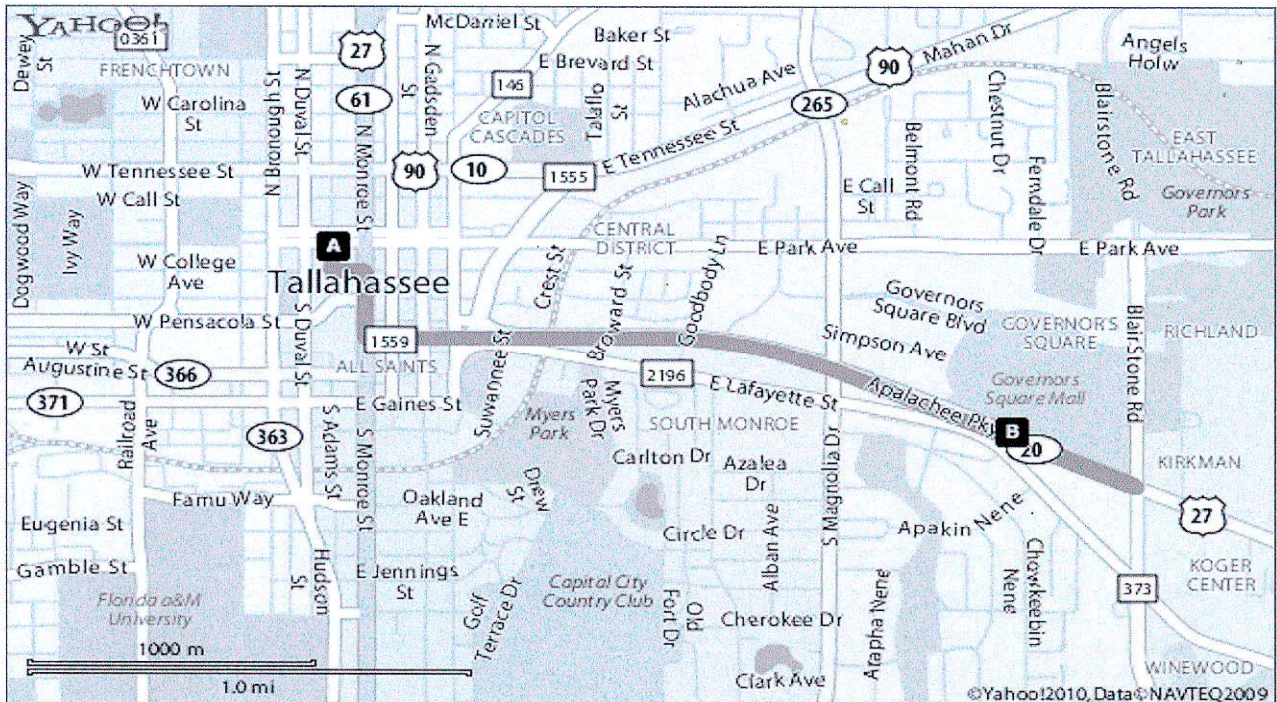


# APPENDIX O

## Directions from the Doubletree Hotel to Governor's Square Mall

**Distance: 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

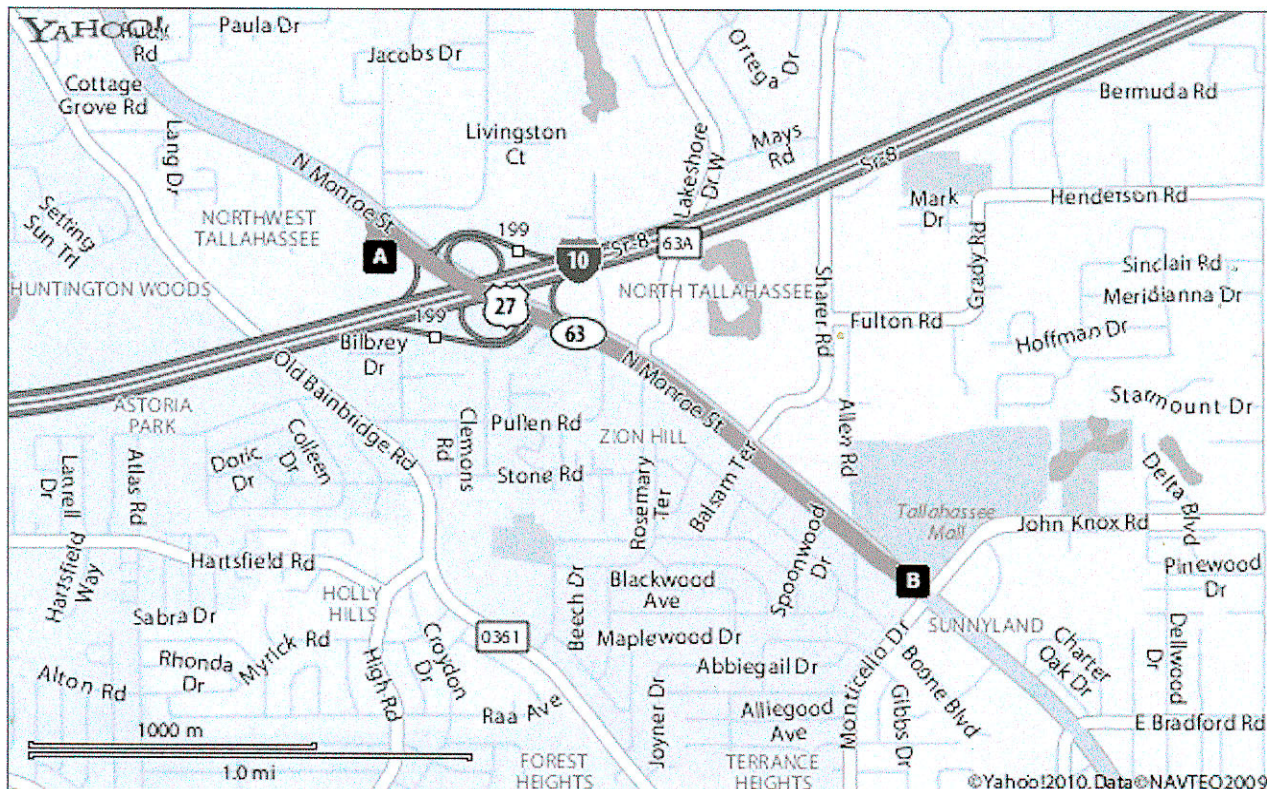
Restaurants	Phone
Cabos Tacos	(850) 878-7707
King Buffet (Chinese Food)	(850) 216 -2188
Olive Garden	(850) 878-2949
Applebee's	(850) 222-1254
Ruby Tuesday's	(850) 656-1309
Logan's Roadhouse	(850) 656-5756
Sonny's Bar-B-Q	(850) 878-1185
Chilli's	(850) 877-2148
Moe's Southwest Grill	(850) 224-6637

# 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

Restaurants	Phone
Barnacle Bills Seaford Restaurant	(850) 385-8734
El Chico	(850) 386-1133
Julies	(850) 386-7181
Hopkins Eatery	(850) 386-4258
Red Lobster	(850) 385-1136
Super China Buffet	(850) 553-9292
Ole Times Country Buffet	(850) 580-1600
Golden Corral	(850) 224-4363
Shoney's Restaurant	(850) 386-1340
Cracker Barrel	(850) 385-9249

