

07.17.14



TENNESSEE
STATE UNIVERSITY



COLLEGE OF AGRICULTURE,
HUMAN AND
NATURAL SCIENCES

COOPERATIVE EXTENSION
PROGRAM

TSU
SMALL FARMER
RECOGNITION
PROGRAM

Dr. Chandra Reddy
Dean and Director of Research/Administrator of Extension

Dr. Latif Lighari
Associate Dean for Extension

Dr. Carter Catlin
Associate Dean for Research

Schedule of Events:

Registration:	7:30-9:30
Welcome:	8:00-8:05
Logistics:	8:05-8:15
Research Plot Tours:	8:15-10:50 (Tour 1) 9:40-12:15 (Tour 2)
Educational Workshops:	8:30-11:45
Youth Track:	10:00-2:00
Lunch:	12:05-12:45
Small Farmer Recognition:	12:45-2:00

Master of Ceremonies:

Dr. Latif Lighari, Associate Dean for Extension

Welcome:

Dr. Chandra Reddy, Dean and Director of Research/Administrator of Extension

Logistics:

Dr. Roy Bullock, Professor and State Agriculture Program Leader
Mr. Chris Robbins, Extension Associate, Farm Operations

Remarks:

Dr. Tim Cross, Dean of Extension, University of Tennessee
Mr. Julius Johnson, Commissioner, Tennessee Dept. of Agriculture
Dr. Alisa Mosley, Associate Vice President for Academic Affairs
Mr. Lacy Upchurch, President, Tennessee Farm Bureau

Featured Research Plots:

Dissection of Photosynthetic Efficiency, Heat Tolerance, and Disease Resistance for Conversion from C3 to C4 Metabolism Species

Matthew Blair

Meat Goat Genetic Evaluation Program

Richard Browning

International, Exotic, and Alternative Vegetables and Fruits

TSU's Community Gardens

Arvazena Clardy

Improving Nitrogen and Water Use Efficiency to Reduce Greenhouse Gas Emissions in Corn Croplands

Sam Dennis

Enhancing Sustainable Production of Bioenergy Crops

Jason de Koff

Promoting Pigeon Pea Production for Limited Resource Farmers of Tennessee as a Food, Forage, and Soil Improving Crop

Desh Duseja

Coupling Environmental Remediation to Biofuel Biomass Production

Emmanuel Dzantor

Enhancing Plant Protection Against Fungal Diseases and Environmental Stresses Using Microorganisms

Margaret Mmbaga

Container Production for Urban, Peri-Urban, and Limited Land Growers

Dharma Pitchay

Identification and Modulation of Functional Protein Association Networks for Drought Tolerance in Switchgrass

A Molecular Model for Tolerance to Toxic Metal Ions in Plants

Suping Zhou

Educational Workshop Schedule

8:30-9:15

Topic	Location	Presenter
Organic Vegetable Production Techniques	Organic Field	Dilip Nandwani
Small Flock Production: Predator Control (Poultry)	Tent 1	Sam Nahashon
Pesticide Handling and Safety	Building 1	Roy Bullock

9:20-10:05

Topic	Location	Presenter
Honey Production and Extraction Techniques	Building 2	John Ferrell
New Equipment Technologies for Small Producers	Tent 2	Lee McHenry, McHenry Tractor
Helpful Tips for Applying for TAEP Grants	Building 1	Erica Alexander, TDA
Control and Management Techniques for Wild Hogs	Tent 3	Richard Kirk, TWRA
Small Flock Production: Predator Control (Goats)	Tent 1	An Peischel

10:10-10:55

Topic	Location	Presenter
Small Flock Production: Predator Control (Poultry)	Tent 1	Sam Nahashon
Funding Your Operation: An Overview of USDA Programs	Building 1	John Rissler, NRCS Frank Rodgers, FSA
Practical Tips for Canning and Preserving the Harvest	Building 2	Dawn Gayle

11:00-11:45

Topic	Location	Presenter
Honey Production and Extraction Techniques	Building 2	John Ferrell
Small Flock Production: Predator Control (Goats)	Tent 1	An Peischel
Purchasing Used Equipment 101	Tent 2	Joe Williams, Cumberland Tractor
Soil and Plant Tissue Sampling	Building 1	Corey Lacy, United Soils, Inc.

Youth Track Schedule

Thomas Broyles

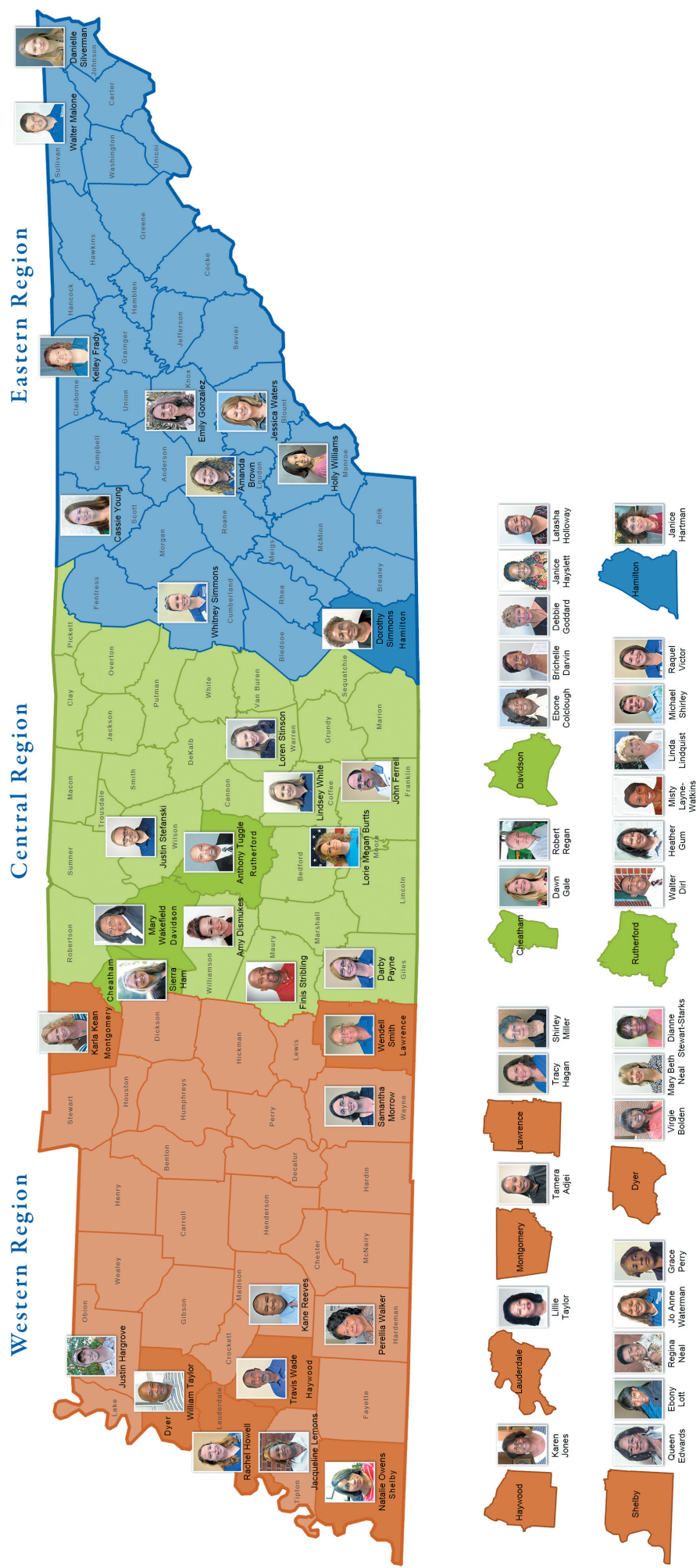
10:00	Buses arrive		
10:05-10:15	Welcome		
10:15-11:45	Group work stations		
	Group 1	Group 2	Group 3
10:15-10:45	Robotics	Leadership	Biofuels
10:45-11:15	Leadership	Biofuels	Robotics
11:15-11:45	Biofuels	Robotics	Leadership
11:45-12:00	Prepare for lunch		
12:00-12:30	Lunch		
12:30-12:45	Travel to campus		
12:45-1:45	Overview of CAHNS and campus tour		
1:45-2:00	Return to farm		
2:00	Buses depart		

Objectives:

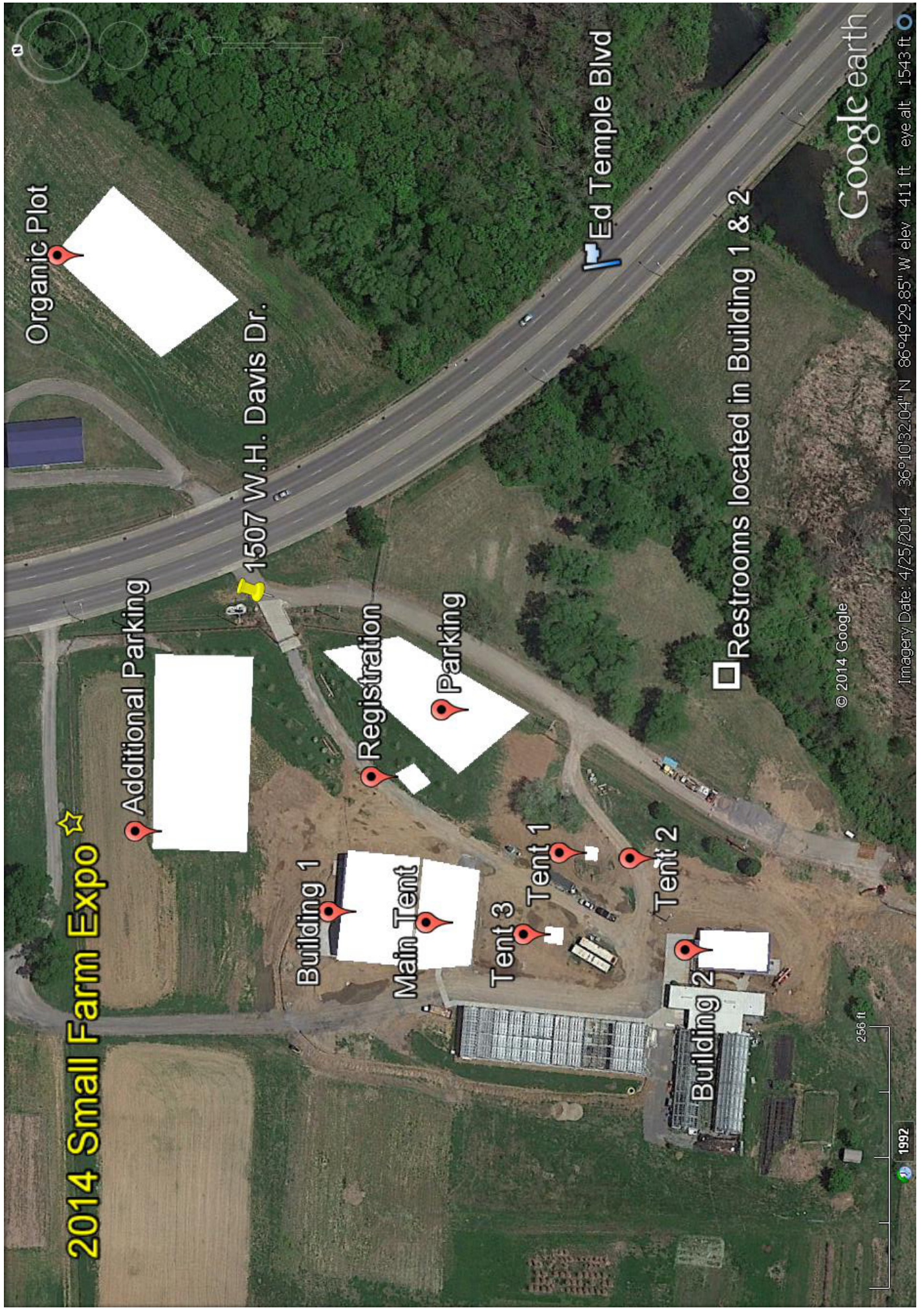
- ▶ **Robotics** - apply the design process to solve a problem or obtain a goal
- ▶ **Leadership** - apply teamwork strategies to solve a problem or obtain a goal
- ▶ **Biofuels** - comprehend the fermentation process used in alternative fuel production

TENNESSEE STATE UNIVERSITY

College of Agriculture, Human and Natural Sciences Cooperative Extension County Locations and Staff



Building and Location Map





TENNESSEE
STATE UNIVERSITY

Cooperative Extension

UT Extension

USDA



USI UNITED
SOILS, INC.



NASS

FSA

FARM SERVICE AGENCY



farmCREDIT
MID-AMERICA



Sustainable Agriculture



Rural
Development



Natural Resources Conservation Service



TSU-14-0185(A)-8f-82019--Tennessee State University is an AA/EEO employer and does not discriminate on the basis of race, color, national origin, sex, disability or age in its program and activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Dr. Forrestine White Williams, interim director of Equity, Diversity and Compliance, 3500 John A. Merritt Boulevard, Nashville, TN 37209, (615) 963 -7435.