

# EXTENSION IMPACTS ON TENNESSEE

The Extension Service of Giles County consists of off-campus teaching programs of both The University of Tennessee and Tennessee State University. Bringing research-based information about Agriculture, Family and Consumer Sciences, 4-H, and Community Resource Development is our main focus for the community of Giles County.

## Adult Agriculture/Horticulture

We offer our clients assistance with crops, beef production, goat, sheep, horse, and other livestock; pest control, and lawn & garden issues.

- 10 clients attended our Small Farmer Workshop and reported they expected to increase revenue over \$100,000 over the next year and \$500,000 over the next 3 years.
- 26 consumers learned how to properly take a soil test and interpret the results.
- 15 consumers learned how to apply landscape fertilizers and pesticides safely.
- 26 consumers learned about plant selection and proper planting to save money and time in the landscape.
- 15 consumers used the results of their soil test to properly amend their soil.
- 5 fruit and/or vegetable producers learned to identify pest insects, mites and diseases.
- For 2016, Giles County corn producers, who selected top yielding UT recommended varieties including those from tests conducted within the county, reported an increase in their yields by approximately 10 bu./acre on 2014 acres which increased their income collectively by approximately \$70,490. County soybean producers, who selected top yielding UT recommended varieties including those from tests conducted within the county, reported increasing their yields by approximately 5 bu./acre on 2075 acres which increased their income collectively by approximately \$108,938.
- 60% of corn and soybean producers surveyed by Extension reported making changes in their operation based on research data and education resources provided by UT Extension.
- 14 beef producers sold 975 calves that were managed for improved marketing methods according to practices promoted by UT Extension, to increase returns by \$71,115
- 23 beef producers utilized 55 bulls (thru natural services/AI) with greater genetic potential to produce 1175 head of calves to increase returns by \$58,750
- 53 beef producers implemented reproductive management by conducting breeding soundness exams on 152 bulls (\$760,000 increased returns) and pregnancy diagnosis on 1015 cows/heifers (\$406,000 increased returns)

## Serving Giles County Citizens

Direct Method	Number of Methods	Contacts Reached
Meetings/ Demonstrations	539	19,545
Client Visits	490	755
Targeted Mail/ Telephone Consultations	5,683	16,028
On-site Visits	232	2,831
Contacts by Extension Personnel/Vols		
Youth		15,783
Adult		38,977

## Family and Consumer Sciences

We address everyday problems that families face. Our goal is to provide real solutions through basic research educational programs related to family, food, health, home and money.

### Eat Smart (TNCEP)(6 sessions)

- 26 Eat Smart participants now select foods and beverages that promote a healthy weight by eating more whole and low fat dairy products
- 15 Eat Smart participants more often plan meals in advance
- 16 Eat Smart participants use the "Nutrition Facts" on food labels to make food choices
- 56 people participated in an *Are You Hungry* simulation sponsored by the Giles County TNCEP coalition

Channel 3, our local cable TV stopped by to video participants after the *Are You Hungry* simulation. The message they relayed to 2,500 local cable viewers was: "We need to understand that our community benefits when we help each other. People that are hungry or not having basic needs met sometimes don't have the resources to maneuver and tackle the process of attaining help thru the 'system'. Families can become overwhelmed and give up. What if you were hungry, where would you turn?"

### Living Well with Chronic Conditions (6 sessions)

- 2 participants have reported less pain from their chronic conditions six months after completing the program
- 3 participants are better confident that they can manage their pain using various techniques of

distraction, muscle relaxation, breathing and guided imagery

#### **Take Charge of Your Diabetes (6 sessions)**

- 2 participants are finding their chronic condition is interfering less with the things they like to do six months after completing the program
- 6 participants are confident they can better manage their diabetes as a result of participating in the program

#### **Dining with Diabetes (3 sessions)**

- 4 participants have reduced their A1c six months after completing the program
- 16 participants are confident they can better manage their diabetes as a result of participating in DWD and learning to identify and choose foods that do not cause a sharp rise in blood sugar

#### **Family and Consumer Sciences Base Programs**

- 1,359 Volunteer hours were reported by Giles County Family and Consumer Education Club members at a dollar value of \$27,357 (independent sector \$20.13)
- Fce members stitched seventy-five plus feet of gold and blue fabric for the Giles County Lions Club Fair booths plus 68 pillows for mastectomy patients as part of the Wrapped in Love project
- Homemakers Holiday & Christmas is Coming annual fund raising projects totaled \$1,820
- 36 participants learned the importance of lemon juice/citric acid when canning tomatoes
- 18 dial gauge pressure canners were tested with three replacements recommended. Dial gauge canners were tested at no cost to clients equaling a value of \$720

#### **4-H Youth Development**

Our 4-H staff has a monthly presence in our county school system meeting with each 4th and 5th grade class, as well as 6th grade at Elkton and Minor Hill, from September through February. We also have a monthly 4-H meeting with local homeschool students during the same time period. 4-H contests and activities include poster, photo search, public speaking, demonstration, and bread baking. 4-H staff also have a presence with the 7th-12th grade audience through financial literacy and healthy lifestyles programming. Students can also get involved by joining various judging teams, quiz bowl teams, livestock shows, poultry project, shooting sports, camps and conferences, and many other activities.

- 2016 Enrollment 2,743
- 135 volunteers assisted with the 4-H program
- 205 youth competed in the 4-H Public Speaking contest
- 124 youth competed in the 4-H Demonstration contest
- 164 youth competed in the 4-H Bread Baking contest
- 179 youth competed in the 4-H Poster contest
- 34 youth attended Junior 4-H camp
- 26 youth participated in 4-H Livestock activities
- 24 Operation Christmas Child shoeboxes were collected by the 4-H Honor Club
- 1 youth was initiated into Tennessee 4-H Honor Club
- 74 youth completed the On My Own youth financial simulation
- 34 youth participated in 4-H Poultry projects
- 134 youth participated in 4-H Officers Training
- 16 youth participated in 4-H Forestry Judging
- 106 youth 4-H exhibits were entered in the Giles County Fair

- 18 youth shot at the State 4-H shoot
- 25 youth shot at the Regional AIM Competition
- 27 youth shot at the State AIM Shoot
- 20 youth went to the AIM Grand. 17 trophies were brought home and there were over 1100 participants in the AIM Grand.
- 10 shooters qualified for the state qualifying match
- 3 shooters attended the state qualifying match
- 1 shooter placed 1st and a shooter placed 3rd in the state qualifier and 1 will be attended the National Contest in Nebraska in July 2016
- 4 coaches volunteered a total time of 576 hours at a total value of \$12,426
- On My Own volunteers gave 42 hours at a total value of \$903

#### **Resource Development**

- Giles Leadership Classes – UT Extension hosted agriculture day for the adult (10 participants) and youth (16 participants) Leadership classes. Both classes were exposed to a variety of county agricultural enterprises. Surveys completed by both classes reported the following: 85% of the students rated the agricultural day program as very good and 87% rated the overall benefit of the day to them as very good. Responses to a questions asking what they learned about Giles County agriculture that day included: “beef production is the largest industry in the county, farming operations are self-contained, always plan out your business before you take risk, farmers must be careful with what goes into streams, creeks and rivers, the diversity of agriculture in the county, economic impact of the county’s agricultural sales, technology used in agriculture, and the business side of operating a farm.”
- Lawn, Garden and Outdoor Show – Over 1,000 contacts were made over a 2 day period. 50 vendors were present which raised \$4,000 for the event which was in turn used to improve the Giles County Agri-Park. A total of over \$30,000 in revenue was generated either in products sold and/or in contracted business.

#### **Contact Information**

Office Located at 132 South 2nd St,  
Pulaski, TN  
Phone # (931) 363-3523

**Kevin Rose**—County Director & Extension Agent , Adult Agriculture- [klrose@utk.edu](mailto:klrose@utk.edu)

**Myra Walker**—Extension Agent, Family and Consumer Sciences [mwalker7@utk.edu](mailto:mwalker7@utk.edu)

**Darby Payne**—Extension Agent, Adult Agriculture & 4-H Youth Development- [dpayne11@utk.edu](mailto:dpayne11@utk.edu)

**Tina Oman**—Administrative Assistant II, Agriculture and Family and Consumer Sciences- [toman@utk.edu](mailto:toman@utk.edu)

**Rob Augustin**—Extension Agent, 4-H Youth Development [raugusti@utk.edu](mailto:raugusti@utk.edu)

**Chandra Nelms**—Extension Program Assistant, 4-H Youth Development & Adult Agriculture- [cnelms4@utk.edu](mailto:cnelms4@utk.edu)

**Kristen Pratt**—Program Assistant, Tennessee Nutrition Consumer Education (TNCEP)- [kpratt4@utk.edu](mailto:kpratt4@utk.edu)

#### **Web/Social Media**

Website– [giles.tennessee.edu](http://giles.tennessee.edu)

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