Tennessee Agricultural Literacy Week
November 12-18, 2017
Dr. Richard Clark

4-H members can share the story of agriculture through reading accurate agriculture books to younger students in the community. This is a great way to get students involved in 4-H and gain service hours for local honor clubs. It is encouraged to read non-fiction books this week to educate students. This activity is a great opportunity for junior and senior members.

Where to get books:
Local Farm Bureau Literacy Library- located at local Farm Bureau offices
TennesseeAg.org – a list of suggested books to read

Prizes:
For every class that the student reads to, their name is submitted into a drawing for a free Orca Chaser! Participating teacher is also entered in a raffle for the chance to win a $50 gift card.

Our goal for Tennessee 4-H is to have full participation from all 95 counties

Please take photos of your teen reading and e-mail them to Justin Crowe and/or post on FB and tag Tennessee 4-H. Additionally, please complete the attached feedback form and e-mail to Ms. Lou Nave.

For more information go to www.TennesseeAg.org or email Emily Nave at enavetn4h@gmail.com
State 4-H Shooting Sports Invitational Winners

Daniel Sarver, Extension Specialist

The State 4-H Shooting Sports Invitational was held on October 14, 2017 at Ridley 4-H Center, and Maury County Gun Club in Columbia, TN. This event is a qualifier for the National 4-H Shooting Sports Championships in Grand Island, NE, June 24-29, 2018.

**Air Rifle Winners**

(L to R): Gabrielle Thornton (1st), Dickson County; Morgan Smith (2nd), Dickson County; Jake Sloan (3rd), White County; Kendal Penick (4th), Weakley County; Joey Morris (5th), White County; and Aaron Swaw (6th), Dickson County

**Shotgun Winners**

(L to R): Justin Spaid (4th), Perry County; Cole Prince (3rd), Monroe County; Lincoln Dillman (2nd), Knox County; and Caleb Clayton (1st),
Compound Archery Winners

(L to R): River Swafford (1st), Rhea County; Coleman Hamilton (2nd), Rhea County; Bryson Martin (3rd), Rhea County; and Riley Swafford (4th), Rhea County

Recurve Archery Winners

(L to R): Ian Terrell (1st), Williamson County; Mikayle Skillman (2nd), Hamilton County; and Amber Naramore (3rd), Macon County

For the website which includes a complete list of scores, go to
https://4h.tennessee.edu/Pages/InvitationalPics.aspx
2017 STATE DAIRY SHOW
Carmen G. Burgos, Extension Specialist

The state dairy show took place October 20-21, 2017 at the Tennessee Livestock Arena – MTSU, in Murfreesboro Tennessee. Activities for Friday included dairy skill-a-thon, Dairy Cattle Capers (costume contest) and the state showmanship contest. Saturday activities included dairy skill-a-thon and show classes by breed. The judge for the show was Chelsea Abbott.

Congratulations goes to the following participants:

Dairy Cattle Capers

1st place  Macie Rinehart, Rutherford County

2nd place  Joseph Johns, Marshall County
Showmanship

Junior        Ella Gilmore, Bedford County

Junior High   Sydney Lamb, Williamson County

Senior        Jonathon Mingle, Rutherford County
2017 STATE DAIRY SHOW….Continued

Carmen G. Burgos, Extension Specialist

Skill-a-thon
Junior Mason Allen, Williamson County
Jr. High Sydney Lamb, Williamson County
Senior Will Jarnigan, Hamblen County

Grand Champion by breed
Ayrshire Coleman Stacey, Rutherford County
Brown Swiss Mackenzie Clark, Franklin County
Guernsey Austin Hickman, Bedford County
Holstein Kaydee Todd, Marshall County
Jersey Forest Ozburn, Marshall County
Milking Shorthorn Hannah Kate Sims, White County

Reserve Grand Champion by breed
Ayrshire Abigail Buchanan, Cannon County
Brown Swiss Sydney Lamb, Williamson County
Guernsey Carter Eaves, Bedford County
Holstein Taylor Smith, Marshall County
Jersey Jayme Ozburn, Marshall County
Milking Shorthorn Wesley Hannah, Bradley County

A special thank you for supporting our youth in the dairy project for the following sponsors and donors:

Gold Sponsors

Middle Tennessee Electric Membership Corp. Customer Cares
Southeast Select Sires, Tim Riley, Manager
Farm Credit Services of Mid America, Mike Estes, Manager
Tennessee Farmers Co-op
Tradition Auction Service c/o Lynn Lee & Bob Morton
Silver Sponsors

Pete Davenport Family
Rutherford Farmers Co-op
CPC/Bonnie’s Barnyard
Winchester Tractor Supply
Williamson County Farm Bureau

Southern Bank of Middle TN
MTSU Dairy
Franklin County/Huntland Farmers Co-op

Class & Champion Sponsors

Pete Davenport Family (Champion Banners) - In Memory of Pete Davenport
Delaine Smith - In memory of Donald & Joyce Smith (Junior Champion Jersey)
David Lee
Stan Hayes

Jeff Mitchell is the Extension specialist that gives leadership to the state dairy judging contest, the dairy quiz bowl and the state dairy show. Thank you Jeff for supporting our 4-H members and for providing these great learning experiences for them to acquire knowledge and skills.
Former TN 4-H’er Wins 3M Young Scientist Challenge

Matt Horsman, Williamson County Director

In October, former Williamson County 4-H’er Gitanjali (Anjali) Rao won the 2017 Discovery Education 3M Young Scientist Challenge. The challenge, for 5th-8th grade students, awarded her the title of America’s Top Young Scientist! Anjali created a device called "Tethys" (named after the Greek goddess of fresh water) that detects lead compounds in water, is portable, and is relatively inexpensive.

Her device consists of three parts: a disposable cartridge containing chemically treated carbon nanotube arrays, an Arduino-based signal processor with a Bluetooth attachment, and a smartphone app that displays the results. Her device was inspired by the Flint, Michigan water crisis. Anjali submitted her entry via video application to the Young Scientist Challenge, where she was selected as one of the top ten finalists nationwide. From there, she and the other top ten contestants traveled to 3M’s headquarters in Minnesota for the final competition. The students worked together for two challenges using science to solve real-world projects and presented their final innovations to a panel of 3M scientists, school superintendents, and administrators from across the U.S.

Anjali was a member of Williamson County 4-H as a 4th through 6th grader, moving to Colorado in 2017. While a member of Williamson County 4-H, she participated in public speaking contests, demonstrations, was an officer of the Franklin Community Club, and organized several community service projects. She was also a member of the STEM Fun class for two years, taught by Jennifer Hartsell Stockdale, a 4-H alumnus, 4-H volunteer leader, and one of Anjali’s mentors.

Anjali has appeared on ABC’s Good Morning America explaining her invention and rang the opening bell for the NY Stock Exchange on October 23rd. She plans to use her $25,000 winnings to fund further development of her product and save some for college. Anjali hopes to someday become a geneticist or epidemiologist.
Professional Learning: 
Impact Statements, Public Value, and Public Support
Joseph Donaldson, Assistant Professor

Mark your calendar for the 2018 Impact Statements, Public Value, and Public Support In-service! This face-to-face in-service will focus on preparing effective impact statements, understanding public value, and communicating to increase public support for Extension programs. After the in-service, learners will be able to:
- Use basic data analysis to describe program results
- Select evaluation approaches to show public value
- Create effective impact statements
- Use basic data visualization to improve communications
- Communicate impact statements to stakeholders to build public support for Extension

This in-service is intended for Extension Agents, County Directors, and Area Specialists. This in-service repeats the content from a 2017 event in the Western Region. Register in SUPER today as space is limited, and please feel free to contact me with questions!

Impact Statements, Public Value, and Public Support: Eastern Region
Friday, May 25, 2018
9:30 am to 3:30 pm
UT Extension, Eastern Region Office
Knoxville

Impact Statements, Public Value, and Public Support: Central Region
Friday, August 17, 2018
9:30 am to 3:30 pm
UT-TSU Extension, Rutherford County
Murfreesboro
In-Service Listing & Registration
Lori Gallimore, Extension Specialist

The 2018 in-service listing and registration links are now available on the 4-H website. A variety of topics including volunteers, STEM, time management and service learning are offered. You may access this information by going to the Tennessee 4-H website, click on "4-H Professionals" and then "in-service."

More trainings from both ANR and FCS -- that relate to 4-H professionals -- are continuously being added. Check back often! If you have any questions, please contact Lori Gallimore at 865-974-7239 or by email -- lbelew@utk.edu

How to Submit an Article for Ideas
State 4-H Office

I was asked this morning ‘Are we allowed to submit an article for Ideas.....?’ Absolutely!! The newsletter will be what you make it and of course you may submit an article.

Here’s how:
Email it to the State 4-H Office @ state.4h.office@utk.edu or Trudi@utk.edu.

Note:
• All articles will be reviewed for content and readability.
• Send pictures!! Articles that are less wordy and have pictures are more interesting to the reader than a full page of text. (think of the skimmers)
• The format may be changed to improve the structure of the article.
• Remember that this newsletter is internal and external. There is an email address list of over 700 that are not extension employees that the newsletter is distributed to. They are 4-H alums, parents, stakeholders etc.
**ALEC Graduate Program**

Masters of Science in Agriculture Leadership, Education and Communications (ALEC)

Online degree available!!

For more information, please visit [https://ALEC.utk.edu](https://ALEC.utk.edu)
Or Call 865-974-7371

Carrie Ann Stephens
Professor, 4-H/ALEC

---

**4-H PLEDGE**

I pledge my **HEAD** to clearer thinking;

**My HEART** to greater loyalty

**My HANDS** to larger service; and

**My HEALTH** to better living,

For my club, my community, my country and my world.

---

**Upcoming Events**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 30</td>
<td>State Land Judging, Milan</td>
</tr>
<tr>
<td>Nov 12</td>
<td>NAE-4HA National Conference</td>
</tr>
<tr>
<td>Nov 24-28</td>
<td>National 4-H Congress</td>
</tr>
</tbody>
</table>