



Texas 4-H STANDARD

*A monthly publication of the Texas 4-H and Youth Development Program
4180 State Hwy 6 South, College Station, Texas 77845*

July 2013

GEORGETOWN 4-H TEAM WINS INTERNATIONAL ROCKETRY COMPETITION

Paul Schattenberg, paschattenberg@ag.tamu.edu

C'est magnifique! The three teenage members from Georgetown 4-H, who comprised the U.S. national rocketry team, recently took home gold medals after besting other national teams at the sixth annual International Rocketry Challenge in Paris.

The team, consisting of brothers Matthew and Mark Janecka, 17 and 13 years old respectively, plus Daniel Kelton, 16, sent a horizontally placed raw egg more than 700 feet over Paris in a model rocket to win the competition.

In May, the Georgetown 4-H model rocketry team, sponsored by Raytheon, won the 2013 Team America Rocketry Challenge held in The Plains, Va., earning the right to represent the U.S. at the international competition — part of the 50th annual Paris Air Show.

At the Team America Rocketry Challenge, the Georgetown 4-H team outperformed some 470 teams making at least one qualification flight attempt, as well as 100 teams that came to the finals. The finalists represented 29 states and the U.S. Virgin Islands.

In addition to the air show and participation in the rocketry competition, the team from Texas was treated to a tour of Paris, which included Notre Dame, The Louvre, the catacombs and Napoleon's tomb.

"It was a great experience," said team captain Matthew Janecka. "We really enjoyed the air show and the Raytheon people treated us really well. The whole thing about winning the competition hasn't really sunken in yet, but we had a terrific time and enjoyed seeing Paris."

The French team, which previously held the title, came in second place, and Britain came in third.

French president Francois Hollande was present at the competition to congratulate members of each team. And show organizers presented the U.S. team with their medals and a crystal trophy at a chalet near the flight line at Le Bourget Airport.



The team at the Paris Air Show with Colonel W. Collier Slade, USA, Chief Office of Defense Cooperation Director, Joint and Army Affairs, Embassy of the United States, Paris. (Photo courtesy of Amy Janecka)

The International Rocketry Challenge was the culmination of three separate competitions held annually around the world. Each contest brings middle and high school students together to design, build and launch model rockets under specific guidelines and flight parameters.

The Paris contest was organized and



Helping Build the Future of Texas

mccoys.com
Proud sponsor
of Texas 4-H

sponsored by the Aerospace Industries Association of America; the UK Aerospace, Defense, Security and Space Association, and Groupement des Industries Francaises Aeronautiques et Spatiales, the French aerospace industries association.

"The innovation demonstrated by these students is a terrific indication that the future of our industry is in good hands and that the benefits of global collaboration are limitless," said Aerospace Industries Association president and CEO, Marion C. Blakey.

Kelton said he and other team members were impressed with other aeronautical offerings at the Paris Air Show, touted as the oldest and largest in the world.

"We got to see the newest jets, including the Eurofighter and the new Russian SU35, plus all the acrobatic flight displays," he said. "As for the rocketry competition, we knew we were prepared and just hoped we were better prepared than the other national teams."

Next summer, Kelton will participate in another international competition to be held in Bulgaria.

Competing teams at the Paris show built and launched rockets with a goal of reaching an altitude of exactly 750 feet during a 48- to 50-second flight window and returning a "payload" of a horizontally placed raw egg undamaged to the ground by parachute. Teams were also required to give an eight-minute presentation on their rocket design to a panel of international judges.

"We were mainly worried about the weather," said Mark Janecka. "It was high humidity and looked like it might rain. We were concerned that the rocket would not get to a high enough altitude because the rain would slow it down."

But the team's rocket reached 703 feet, flew within the designated time frame and returned its payload undamaged. Combined with receiving the top score in the presentation portion, the U.S. team was awarded first place in the competition.

Working together to design, build and

launch their own rockets provides young people the opportunity to collaborate and solve problems creatively as a team, said Raytheon chairman and CEO William H. Swanson in a press release.

"We believe these 'learn by doing' experiences not only stimulate enthusiasm for STEM (science, technology, engineering and math), but also help to build the skills needed to bolster innovation in the global arena," Swanson said.

The Janecka brothers and Kelton all plan to pursue degrees in aeronautical and aerospace engineering.

BE THE TECH IN TEXAS 4-H, TECH TEAM APPLICATIONS NOW ACCEPTED ON-LINE

Dr. Toby Lepley, t-lepley@tamu.edu

Are you interested in technology but not sure how it can be a 4-H Project? Are you wanting to learn more about technology and give back by teaching others about technology? If you said yes, then we want you to apply to be the TECH in Texas 4-H!

The Texas 4-H Technology Team is a group of 15 to 20 youth from across the state who are selected based on their technology skills or their desire to learn more about technology and give back to others. To be considered for membership, a 4-H member must be at least 14 years of age at the start of the 2013-14 4-H year, willing to be active on the state wide leadership team through their participation in monthly chats/on-line meetings, and participation in at least two face-to-face meetings during the year.

For more details and to complete the on-line application visit: <http://texas4-h.tamu.edu/techapplication>. Applications are due September 1st.



*Dr. Chris Boleman
Texas 4-H Program Leader*

"*What's Your Why?*" was the theme for the speeches I provided at this year's Texas 4-H Roundup. I kicked around several themes, but this one seemed to resonate the most for me. It came after watching Simon Sinek on TED speak on "*The Why*." And while his presentation is geared more to the business world, it was quite easy for me to adjust and fit into the Texas 4-H and Youth Development Program.

"The What" is fairly straight forward when thinking about Texas 4-H and Youth Development. It is about positive youth development, life skill development, and leadership development. Obviously, that is important!

However, think about "*The Why*." "*The Why*" is the people. Now, truth be told, that is probably too easy of an answer. So, please allow me to dig deeper. For me, it is not only about the people, but it also involves how we (all of us) work together to reach new depths to serve people. It's the interaction, the fellowship, and the relationships through the quality time Extension faculty, volunteers, and youth spend together as we all grow **TO MAKE THE BEST BETTER!**

And there is no other time then the summer to see this **GROWTH!** So, thanks for all you do for young people across Texas!

TEXAS NURSERY & LANDSCAPE ASSOCIATION INVITE 4-H MEMBERS TO BE PART OF ANNUAL CONFERENCE

Cameron Hill, cameron@tnlaonline.org

Discover what leading professionals are doing in the nursery and landscape industry. TNLA will hold its annual Nursery/Landscape EXPO on August 15 - 17, 2013 at the Dallas Convention Center in Dallas, Texas. Industry leaders will be available to answer questions and discuss industry trends. Learn about new plants, water smart technology and new product niches. Admission to the Tradeshow, demonstration stage and keynote speakers is free to students. For more information and to register visit NurseryLandscapeEXPO.org.

FIELD TRIP FACTORY

Courtney Dodd, cfdodd@ag.tamu.edu

Looking for something to do with your 4-H members? Check out Field Trip Factory! You can search for free field trips in your area, book your trip online and then relax while they take care of the rest! Field Trip Factory provides fun, interactivity that links to valuable teaching moments in the areas of nutrition, health and wellness, energy and environment, economics, arts, animal welfare, and STEM. Their website also has a bank of classroom activities that can be incorporated into your project meetings and club activities. Check it out today at www.fieldtripfactory.com.

NATIONAL "FILMFEST 4-H" BACK FOR A THIRD YEAR!

Don't miss the national 4-H film festival, taking place August 4-7 in Branson, Missouri! All Access Passes are now available for this one-of-a-kind 4-H experience. The festival features screenings of youth-produced films and workshops designed to help young filmmakers immediately improve their skills. There are also opportunities to visit one-on-one with the presenters, plus the rare chance to meet up with 4-H filmmakers from across the

country.

The festival kicks off with a reception, special screening, and backstage tour of a 6-story-high screen at the Branson IMAX Entertainment Complex. Workshop presenters are being announced soon, and include Hollywood cinematographer Denis Maloney, who's extensive work includes The Contender, with Jeff Bridges and Christian Slater, Stuck, starring Mena Suvari, and Edmond starring William H. Macy. In addition to cinematography, FilmFest 4-H workshop topics include special effects and makeup for films, and developing your own reality tv show. As always, workshops focus on quality filmmaking with awareness of a teenager's budget.

All Access Passes are available for \$99 though July 14 and film submissions are being accepted through July 1. For more information, please visit <http://4h.missouri.edu/filmfest>.

TEXAS 4-H FRIENDS & ALUMNI ASSOCIATION ANNOUNCES ALLIANCE OPPORTUNITY FOR ALL COUNTIES

Jana Barrett, jbarrett@ag.tamu.edu

The Texas 4-H Friends & Alumni Association is here to assist all 254 Counties across Texas with raising funds for their local 4-H programs. All your county has to have are 4-H Alumni and Friends of 4-H within your county lines to be a part of this new fund raising endeavor !!

Beginning August 15 - May 31, 2014, the Texas 4-H Friends & Alumni Association will be hosting "Roundup Former 4-H'ers and Supporters Across Texas" membership drive. A significant portion of the funds raised through this campaign will be returned to the local 4-H Club or County 4-H Program by the Friends and Alumni Association.

Recruitment materials will be made available on the Texas 4-H Friends & Alumni website or you can email Jana Barrett to have them sent to you directly. The membership drive materials will include talking points about the efforts of

the Association, a membership information flier and F&A Membership recruitment forms.

The County and/or local 4-H Club portion of Memberships sold will be as follows:

- Lifetime Membership (\$50 donated to County and/or Club)
- Annual Membership (\$10 donated to County and/or Club)
- Collegiate Membership (\$5 donated to County and/or Club)

The individual 4-H member recruiting "F&A Memberships" will be allowed to designate their portion of the funds to their specific local 4-H club (subject to verification of club charter by the State 4-H office and notification to the county), their local County 4-H Program, or split the funds between both their Club and their County 4-H Program.

The 4-H membership recruiter will receive credit for both new and current members. If current members "join" within this time, their membership renewal date will be extended.

MILITARY 4-H NEWS !

TEXAS MILITARY 4-H HEALTH AND FITNESS DAY

Annie May, annie.may@ag.tamu.edu

On June 18, 2013 Texas Military 4-H, Operation: Military Kids and 4-H Tech Wizards hosted a Health and Fitness Day at the Blackland Research Center, Temple, Texas. In attendance were 74 youth and 24 volunteers.

The day camp was composed of eight rotations. Those rotations included, an obstacle course hosted by the Bell County Healthy Lifestyles Advisory Board. The purpose of the course was to show the youth that it is simple to get in 60 minutes of physical play each day. Chelsea Stevens, Family and Consumer Sciences Extension Agent - Bell County, hosted Hydration:

Rethink Your Drink rotation. The program showed youth how much sugar is in various drinks, such as: milk, soda, energy drinks, juices, etc. Shane Martin, 4-H and Youth Development Extension Agent – Coryell County, led a game called Rock, Bridge, Tree. The fourth rotation, led by Jolie Durand, Operation: Military Kids Program Assistant, was an iPad activity where youth played a game called Health Snacks on iPads.

After lunch, the youth engaged in 4 more rotations. The first, led by Chelsea Stevens, was a program explaining My Plate. The second rotation, a healthy snack, was led by the Bell County H-Lab. The third rotation was a game led by Annie May, 4-H Tech Wizards Program Assistant and Bryce Peterson, Texas Military 4-H Program Assistant. The game was called Use Your Imagination Game from the Up for the Challenge, Healthy Living Curriculum. The last rotation, led by Samantha Allen from Scott and White Medical Center, was a program over portion control. The youth learned the importance of portion control and what are good-sized portions of various foods.

SAN ANTONIO SCIENCE BASH

Brigid Mejia, blmejia@ag.tamu.edu

The 2013 Military 4-H and Operation: Military Kids Science Bash was held on June 6th and June 7th at The Microsoft Store in the La Cantera Shopping center in San Antonio, Texas. The two day camp was filled with many hands on scientific activities for the kids to learn from. The camp focused on topics such as: conservation, ecology,



Lone Star Silversmith is proud to offer a full line of 4-H Jewelry for members and volunteers.

Makes great gifts or awards for 4-H members, graduates, alumni, and those who love 4-H!

Lone Star Collections will donate 10% of all sales of the 4-H line to the Texas 4-H Foundation for statewide program support.

For more information or to order:
lonestarsilversmith.com
or contact Leigh Ann Dees at
ladees@lonestarsilversmith.com

1224 Industrial Drive
New Braunfels, TX 78130
877-373-0529



aquaculture, and robotics. The youth learned from many community volunteers that assisted with the camp. The Science Bash was a great success and will hopefully be a solid foundation for those who attended the camp to build dreams of becoming an environmentalist, oceanographer, researcher, engineer, or simply perhaps we've helped them develop an interest in the sciences.



UNIVERSITY OF TEXAS COLLEGE AND CAREER CAMP

Brigid Mejia, blmejia@ag.tamu.edu

On Thursday, June 13th Operation: Military Kids hosted a College and Career Camp at the University of Texas at Austin. Seventeen kids from the Army National Guard, Army Reserve, Air Force, and Army attended this exciting day of college preparation and career exploration.

The youth were welcomed by the hustle and bustle of downtown Austin, as the University of Texas is set blocks away from the Capital Building and among booming businesses and high rises. The day was jam packed with information sessions from the Visitors Center, College of Mechanical Engineering, College of Fine Arts, and College of Nursing. The goal was to give the youth a variety of majors and career paths to be explored. The youth left the camp with a new excitement for college.



FORT BLISS MILITARY YOUTH ACTIVITY CENTER

Brigid Mejia, blmejia@ag.tamu.edu

In February the Fort Bliss, 4-H teens wanted to take their community service the extra mile by writing up a proposal to the Lead to Feed Program. These youth do community service whole heartedly and always find ways to go further. In May, we were notified that MYAC's 4-H proposal had placed and had won \$1,000 for our charity, the El Pasoans Fighting Hunger. On June 19th, youth presented the charity with the check of \$1,000. El Pasoans Fighting Hunger staff were so very grateful for the donation, but especially for Fort Bliss 4-H teens, keeping them in mind when writing the proposal. They informed youth that the 4-H donation would cover over 20, 000 meals for the El Paso area. This is a great example of how a small donation can make a huge difference.

4-H Fundraising Opportunities

Below is information regarding some potential fundraising opportunities for your county/club.

Little Caesars Pizza Kits

JoAnna Howell

JoAnna.Howell@pizzakit.com
www.PizzaKit.com

TEXAS 4-H CASH BONUS OFFER

Sell 100-249 Kits and get a \$50 bonus. Sell 250 or more kits and they'll double it to \$100.

When contacting JoAnna mention

Bonus Code: TX4H13

Park Brothers Farm Inc.~Plants for Profits

Dwight Garretson

Dwight@parksbrothers.com

<http://www.plantsforprofitsfundraiser.com/>
Ask about the Fall Mum and Winter Poinsettia
Fundraising Opportunity

Old Coach is Nutz

Roy (aka Coach) & Meredith
coach@oldcoachisnutz.com

<http://www.oldcoachisnutz.com>

Your group can earn 50 percent of the profit on every item sold!

HEALTH AND FITNESS CAMP- DALLAS

Brigid Mejia, blmejia@ag.tamu.edu

Operation Military Kids, in partnership with the Community Council of Greater Dallas, hosted the first of three free Summer Camps, at the Grand Prairie Reserve Complex, June 17-21. A total of 69 youth, ages 8-17 participated in the Health and Fitness camp designed to establish goals for adopting a healthy lifestyle throughout life. Youth were encouraged to think about healthy alternatives, to strive to eat right and increase daily physical activity. Military personnel facilitated the physical training component each morning, for all youth groups. This was a very exciting opportunity for the military youth of North Texas to come together for a fun and exciting camp.

4-H Natural Resources Program Updates

Mark your calendars !

- West Region Shooting Sports Coach Training-San Angelo, TX
Date September 14-15 2013
Registration on 4-H Connect
Registration Open July 8 – August 12, 2013
\$120/Coach or Assistant Coach Candidate. \$0/Extension Employee (There will be no late registration).



- South Region Shooting Sports Coach Training- Victoria, TX
Date October 12-13 2013
Registration on 4-H Connect
Registration Open August 16 – September 16, 2013
\$120/Coach or Assistant Coach Candidate. \$0/Extension Employee (There will be no late registration).

Stay up to date on all your Texas 4-H Natural Resources Program information! The Shooting Sports project, Sportfishing project, Wildlife project, Wildlife Habitat Education Program (WHEP) project, Outdoor Challenge and more!

- Visit the Website: <http://tx4-h.tamu.edu/natural> for detailed project area and event information, event rules, and event procedures, please visit our project area webpages via the “Natural Resources Program Links” box at upper right of the Natural Resources Program home page. Project area pages include: “Shooting Sports Website” and a “Shooting Sports Events & Event Results” page, “Outdoor Challenge Website”, “Wildlife Website”, “Wildlife Habitat Evaluation Program (WHEP) Website”, and “Sportfishing Website”.
- Look at the Calendar: Share your 4-H Natural Resources related events and see State 4-H Natural Resources Program events and other invitational events. Follow the links from the Natural Resources Program home page to the calendar and the calendar sharing instructions (how to post your own events). Note: to see the calendar in a list view rather than by week or month, click “Agenda” in the upper right corner of the calendar screen.
- Read the Blog: <http://tx4hnaturalresources.blogspot.com/> Updates and new information are posted here frequently, and are often available before updates to our website are made! Go to the blog to sign up to receive an email anytime an update is posted on the blog!
- Connect with us via our Facebook Page: <http://www.facebook.com/tx4hnaturalresources> “Like” us for updates!
- Have questions or problems with registration? Email us at: tx4hnaturalresources@tamu.edu

Congratulations to the 2013 Texas Teams on their WIN at the National Shooting Sports Invitational!



Way To Go !!

CONGRATULATIONS TO THE WALLER COUNTY SENIOR WILDLIFE HABITAT EDUCATION PROGRAM (WHEP) TEAM ON THEIR WIN AT THE TEXAS WHEP CONTEST AND GOOD LUCK AT NATIONALS!



What can **YOU** do in one day?



Join over 10,000 other 4-H members in Texas on **OCTOBER 12, 2013** as they step out into their communities to make a difference in one day!

Celebrating five years of making a difference, One Day 4-H is our program's way of giving back through community service projects that 4-H members plan, organize, and implement in their community and county. From something as easy as mowing the lawn of a neighbor by yourself, to your county organizing a 5K for a cause - it all about what **YOU** can do in one day!

Look for new t-shirts, posters, and other One Day 4-H products coming in August!



Join One Day 4-H on Facebook at:
facebook.com/OneDay4H



Sponsored in part by:
TransCanada
In business to deliver

2012 One Day 4-H Recognized Service Projects

Recognition for the most youth involved
Guadalupe County

Recognition for reaching the most people
through an educational event
Argyle 4-H Club, Denton County

Recognition for the most money raised for an
organization
Glasscock County

Recognition for the most unique
promotion of 4-H
Randall County

Recognition for the most care packets made and
distributed to seniors, military, and/or other
groups
Kleberg 4-H Club, Kenedy County

Recognition for the most new 4-H members
recruited to join
Guadalupe County

Recognition for the most food collected
Valley Mills 4-H Club, Bosque County

Recognition for the most miles of roads
and/or beaches cleaned
Glasscock County

Recognition for the most volunteer hours
contributed
Collin County

TEXAS 4-H YOUTH DEVELOPMENT FOUNDATION BIG LEAGUE EVENT

at Rangers Ballpark in Arlington

SATURDAY, SEPTEMBER 28
7:05 PM



vs.



15% DISCOUNT FOR 4-H FAMILIES & FRIENDS AT

ALL TEXAS LA QUINTA HOTELS

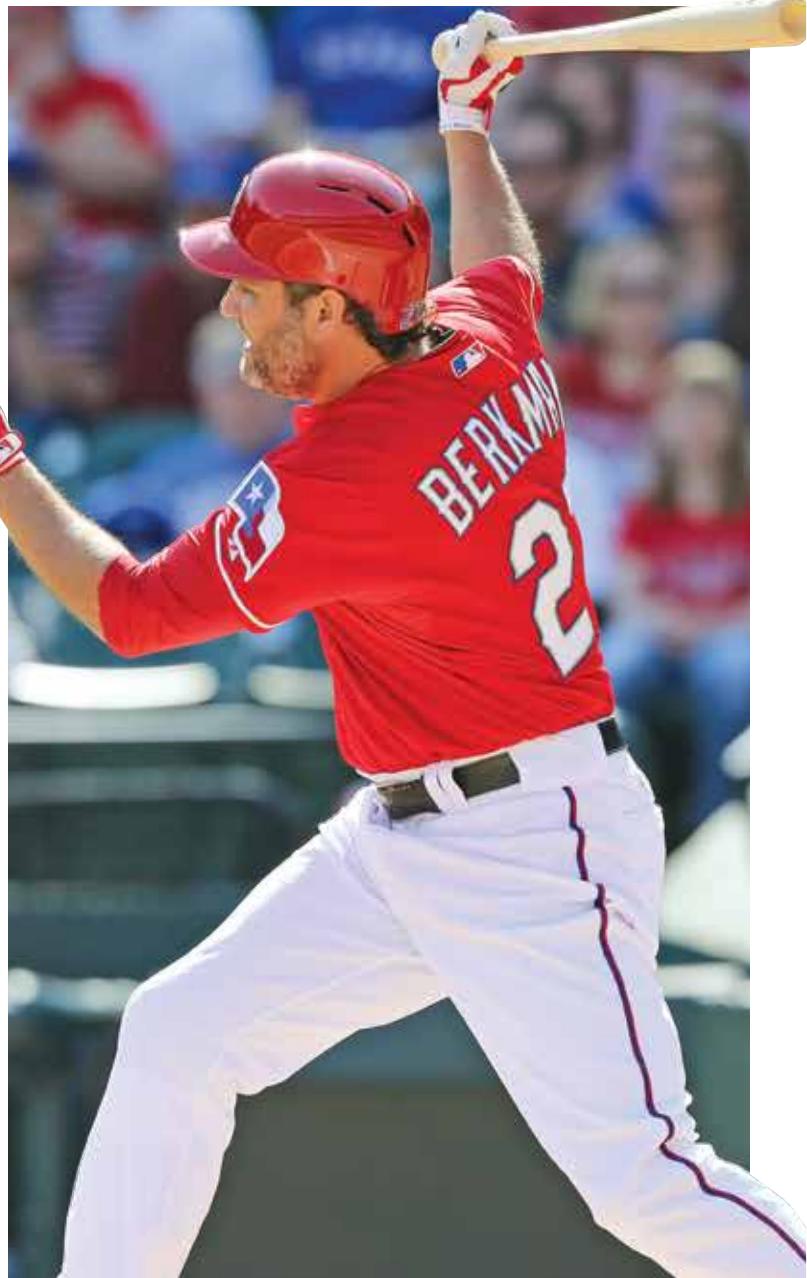
Use the "TX4H" booking code.

Closest location to the ballpark:

825 N Watson Rd. Arlington, TX 76011

817-640-4142

To view seating diagram, visit: texasrangers.com



TEXAS 4-H DAY | Saturday, September 28, 2013

Please indicate the quantity you would like to purchase.

All You Can Eat Porch (Reg. \$58) _____ x \$51 = Total \$ _____

Lexus Club Terrace (Reg. \$36) _____ x \$30 = Total \$ _____

Upper Reserved (Reg. \$22) _____ x \$18 = Total \$ _____

Service Fee \$ 3.00

GRAND TOTAL \$ _____

For every advance ticket purchased, a \$3 donation will be made to the Texas 4-H Youth Programs and Education fund.

Name: _____

Address: _____

City/State/Zip: _____

County & Member Name: _____

Phone: (D) _____ (E) _____

E-mail: _____

Payment Method: (Checks payable to Texas Rangers)

Check #: _____ Visa MC Amex Disc Diners

Card #: _____ Exp: _____

TO ORDER TICKETS, MAIL completed order form to Texas Rangers Baseball, ATTN: 4-H, 1000 Ballpark Way, Suite 400, Arlington, TX 76011, FAX to 817-273-5180, CALL 817-273-5257, or EMAIL dengland@texasrangers.com.

Tickets are subject to availability and a service fee.