

STEM Quest Staff Newsletter 3

March, 2017

Jamboree Dates

July 19 to July 28, 2017

Staff Dates:

July 15 to July 29, 2017

Senior Staff

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Welcome to the third **STEM Quest** newsletter for the 2017 National Scout Jamboree at the Summit Bechtel Reserve. We are going to have seven awesome full days of program across the Jamboree experience. As of March 1st, we are only 140 days away from welcoming scouts to **STEM Quest**.

We are working hard to provide Scouts with hands-on experiences involving applications of Science, Technology, Engineering and Mathematics (STEM) in modern society. Independently, and with partner companies and institutions, our staff will assist Scouts in diverse activities involving chemistry, electronics, forensics, information technology, molecular biology, physics, and robotics just to mention a few. Our staff includes many youth, such as older Scouts and Venturers, who are focusing engineering or the sciences in high school or college.



What's New:

All STEM Quest Staff Meeting: We had our all staff **STEM Quest** virtual meeting on February 23rd. Notes from the meeting are available on our Facebook page at:

<http://jambostem.com/wp-content/uploads/2017/01/Jamboree-Staff-Meeting-2017Feb23.docx>

or you can listen to a recording of the meeting at:

https://www.uberconference.com/getmp3/AMIfv97gqj9SXzspMH-CxcdzVj6wTxDQVC_I_7VpK6SvDNUvWdKH0heWdQg_e8L9CvjTcKolm2tDaXINGfQSH4kXob9Z29Imc24II1gUKvwcCUNtxCrY-5T9t4q3FzbnWkP9UrrRsRpLY6GOATXgbvIGN3T2eoxQWw.mp3

STEM Quest Staff Survey: You should have received an email with a staff survey. Thanks to the over 50 staff who have replied. This survey will allow us to understand your unique capabilities and interests, so we can tailor your **STEM Quest** experience. If you have completed the survey please do so ASAP at this link:

<https://goo.gl/forms/3Pn6pMqjJVPKp52H2>

Optional Staff Nameplate: If you would like a personalized name plate representing your Jamboree position, see:

<http://www.summitbsa.org/wp-content/uploads/2016/05/6767-103518-2017-Jamboree-Nameplate-Order-FormsR7E.pdf>

Orders must be placed by May 12 to assure delivery by the Jamboree.

Tent Mates: You can select your two besties as tent mates this summer. Have friends in your Council you want to "room" with? Great!, Have friends from previous Jamborees that you want to renew friendships with? Great! Make your request at:

<https://reservations.scouting.org/profile/form/index.cfm?PKformID=0x81283bcb1>

Requests must be made by May 5 - "No Exceptions"



www.summitbsa.org/events/jamboree/overview/

Communications - Remind

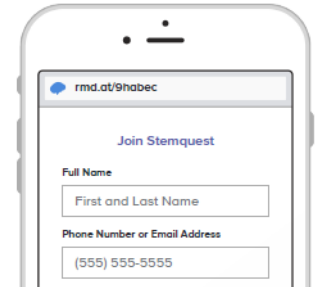
We will be using Remind as our communications system at Jamboree, please register for this app.

You can choose how you will receive messages for **STEM Quest**:

If you have a smart phone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link: rmd.at/9habec

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



If you don't have a smart phone, you can still get text notifications.

Text the message **@9habec** to the number **81010**.

If you're having trouble with **81010**, try texting **@9habec** to **(804) 457-6812**.

Don't have a mobile phone? Go to rmd.at/9habec on a desktop computer to sign up for email notifications.



Lunches

Lunches for staff will be picked up at the dining tent at staff camp, at breakfast and carried to your worksite each day. In a change, from previous Jamborees staff will be responsible for providing their own "lunch bag". Please consider bringing a small day pack to hold your daily necessities and lunch. Of course, bring a water bottle for daily use.

Youth Protection

All staff must have current Boy Scout **AND** Venturing Youth Protection training to attend the Jamboree. This will be checked at the off-site registration location prior to entering the Jamboree site. Without these credentials *you will not be allowed on the Jamboree site, regardless of other considerations*. Please make sure to update these two youth protection credentials prior to June 1st, to make sure that there is plenty of time for your credentials to work their way through the scouting system. We strongly recommend that you bring paper copies documenting completion of these two youth protection courses with you as well.

Jamboree Nova Award Available

You know the Jamboree is going to be full of opportunities for the participants exercise their body and challenge themselves. But did you know that there will be mental opportunities and challenges as well? For the first time, youth will be able to earn an award for exploring the science, technology, engineering and mathematics (STEM) all around the Jamboree and the Summit.



The Jamboree Nova will be available for youth who explore constellations, alternative energy sources, conservation, bridge engineering, flood control, **STEM Quest**, and more. By visiting two specific program areas, and fulfilling a few requirements in each of the STEM fields, youth will not only learn to appreciate the STEM all around them, they might learn about a hobby or career path they had never considered.

This unique award is available to any youth participating in the Jamboree. Full requirements are available at:

http://jambostem.com/wp-content/uploads/2017/02/Jamboree_Nova_Requirements_.pdf

A spreadsheet to help each Jamboree Troop's designated Nova counselor track their scouts' progress is available at:

<http://jambostem.com/wp-content/uploads/2017/02/NovaTracking.xlsx>

Scouts who complete the Nova should take that information back to their home unit for reporting and purchasing the Nova award patch. Please make sure the troops in your home council are aware of this award.

Jamboree Passport Journal Program

STEM Quest will participate in the Jamboree Passport Journal Program. The JPJP will promote youth to attend a wide range of activities at the Jamboree. Each participant will receive a passport-size booklet. In the booklet will be areas to collect stamps from activity areas and journal prompts to record their impressions of the Jamboree generally and the activities specifically. Post-Jamboree there will be an essay contest and one participant will be selected for a to-be-disclosed, fantastic experience.

Jamboree Mobile App

Jamboree is very pleased to announce that the mobile app for the 2017 National Scout Jamboree is released and ready for download! Search for "Event Truly" in the iOS and Google app stores. Load it today and get the latest news from Jambo.

Jamboree Gear:

Have you received your Jamboree Gear Catalog? If not here is the link:

www.scoutstuff.org/bsa/jamboree.html?ET_CID=ET_CID%3DJAM2_22_EB_02212017&SRC=AC

Staff Store

Can't wait to get your hands on Jamboree stuff? How about customized **STEM Quest** stuff? The staff store is now on-line. Order today and it should be shipped to you in two weeks. Wear it at home before you go, to promote the Jamboree and **STEM Quest**.

All **STEM Quest** are required to wear our shirts (T-shirt, polo, fishing shirt, wicking or non-wicking) while on duty

Wicking -

<http://www.jamboree2017.sgtradingpost.online/shop/category/Summit-Center?c=1731042&ctype=0>

or

Cotton -

http://www.jamboree2017.sgtradingpost.online/shop/view_product/J2017__Summit_Center__KP150__Emb__100__Cotton_Polo?c=1731042&ctype=0&n=8857257&o=0

We would like for staff to have **STEM Quest** stitched on their shirts (no additional charge). You may also add your name if you like (\$3/item)

*We need to emphasize that uniform when working at **STEM Quest** will be the **grey shirt or scout uniform shirt**, other shirts will not be allowed.*

Got your Stuff - Here is what to Pack:

Wondering what to bring with you? Blow is a suggested packing list. adapted from page 12 of the Staff Guide found at

<http://www.summitbsa.org/wp-content/uploads/2016/03/2017-Staff-Guide.pdf>

This list has additions from TechQuest 2013 Alumni and **STEM Quest** Leadership.

Personal Gear

2' x 2' x3' duffel bag – with shoulder straps (you will need to carry all your own gear to your tent, which could be up to 1/2 mile)
Sleeping bag and bag liner or sheet, it can get down to 50F. at night.
Reusable lunch bag
Two 1 liter water bottles
Toiletry kits – recommend adding foot and body powder or like
Towels – microfiber work very well
Line for drying clothes and clothes pins.
Flashlight – headlamp suggested with extra batteries
Sunscreen
Day Pack – to carry your lunch, water bottle, headlamp, rain gear, dry pair of socks and electronics stuff daily

Clothing

One or two field uniforms – for stadium shows and religious services, they may also be worn on duty at **STEM Quest**, if desired
Plus - 3-4 pairs of uniform shorts or uniform long pants
3-6 pairs of BSA socks
4-5 **STEM Quest** uniform shirts – Polo or T-Shirt or fishing – must be grey Summit center uniform
3-4 Scout-appropriate shirts for setup and off-duty hours
Good, broken-in hiking boots
Two sets of sleep clothes – maybe one pair if you use laundry service or do your own
Five pairs of underwear
Lace up shoes
Shower shoes
Rain Gear
Headgear/Hat – sun and rain protection, if you get cold easily maybe cold weather hat
One jacket or sweatshirt
2-3 good pairs of hiking socks, 1-2 pair of liners if you use them

Optional

Pillow
Swimsuit – most do not remember needing this but if you are going to try to raft or scuba dive on time off you will want one
Water shoes – if you are going to try to raft
Sunglasses
Solar camp shower (3 gallons maximum, please)
Camp chair
Solar charger or USB charger
Air mattress
Battery powered small fan if you tend to get hot
5 gallon bucket if it will fit in your duffel – use to wash clothes and as a seat/small table in camp
Small first aid kit
Mesh Laundry bag – very useful if you plan to use laundry service

Get to Know Your Staff

Chris Jordon - Engineering

Chris has been an adult Scout Leader since 2004. He has served as Tiger Cub and Webelos Den Leader, as well as Cubmaster, Committee Member and Committee Chair for Pack 339 in Cayce, SC.

Chris became Scoutmaster for Troop 339 in 2009 and has also served his council as a Merit Badge Counselor and a STEM Nova Mentor. Chris has served in numerous adult leader training roles including the staff of Basic Adult Leader Outdoor Orientation, Introduction to Outdoor Leadership Skills, STEM Mentor Training, and staffed three Wood Badge training courses. He has also participated in national STEM training at the Florida Sea Base and as a STEM Instructor at the Philmont Training Center in Cimarron, NM.



For his service in Scouting, he has been recognized with the Scouter's Key, Unit Leader Award of Merit, Scouter's Training Award, Scoutmaster Award of Merit, the District Award of Merit in the Chinquapin District, and the Silver Beaver Award in 2016. In 2015 he was named Scoutmaster of the Year for the Chinquapin District in the Indian Waters Council.

Chris has been employed by the South Carolina Department of Transportation for 25 years where he serves as a Project Engineer. He is a Registered Professional Engineer in the State of South Carolina.

Chris and his wife Dawn are the proud parents of two Eagle Scouts.

Corporate Partners

US Army Corp of Engineers

Our new partners include:

Watershed Station: Too much rainfall and/or land development can aggravate flood impacts in our communities. Can anything be done to improved conditions? Get your hands wet, and find out with our Watershed Model.

Stream Water Quality and Bio

Diversity: Humans are affecting stream water quality through farming, urbanization, and industrialization. Our impacts can be seen in types of animals that inhabit, or more importantly, do not inhabit a stream. Hear about how we monitor stream and river water quality and touch the equipment we use.

Cutting Edge Construction: It is no secret that construction technology is constantly evolving. It allows us to do things that were not possible only a few years ago. Come see how we install: the largest rock anchors in the U.S. with ultra-high precision; a 145 foot deep watertight concrete wall by drilling it into the ground; and how to place a 105 foot by 190 foot concrete structure in the river in 3 days.



**US Army Corps
of Engineers®**

Modern Surveying: Pictures taken from aerial, or underwater drones are used to accurately generate maps and 3D topographical models. These terrain models are then used for a variety of things, including the design efforts for our construction projects. Come see a 3D model of Summit Bechtel taken the day before the National Jamboree started. You may be able to see your tent!!

First and NASA

Join FIRST® and NASA for hands-on training that will give you a jumpstart on your robotics merit badge and earn a limited edition patch! You will learn to program LEGO® robots to complete missions on "Mars", tele-operate both FIRST Tech Challenge (middle/high school) and FIRST Robotics Competition (high school) robots to score points and get up-close with some experimental robots courtesy of NASA."



Know of another potential partner? Let Lisa know at lisa@balbes.com.

Jamboree Map



We recently found this map of the Jamboree Site: [We are here!](#)

Download your own copy at:

www.summitbsa.org/wp-content/uploads/2014/04/2017Jamboree_OverallArt_11x17.pdf

Do you know of others in your unit, district or council that would be an asset to **STEM Quest**? We want to recruit them. **Share this newsletter!** Have them register at:

<http://www.summitbsa.org/events/jamboree/volunteers/>

What you can do now:

Convince your friends to volunteer with you, and you can share a tent!

Are there STEM contacts in your council we can contact to recruit more staff? Email their information to Bob Parker rmparker65@gmail.com

Give us your ideas - Do you have an idea for an interactive exhibit or fun STEM activity that we can facilitate?

Do you know of an educational or corporate partner who should be working with us?

Is there a world record activity that we could set at the Jamboree?

Our website is constantly updated with corporate and academic partners, FAQ answers, and leadership team info. Check it out at www.jambostem.org .