

***NOVA AWARDS PROGRAM AWARENESS THROUGH A CADRE OF TRAINED NOVA  
COUNSELORS AND SUPERNOVA MENTORS***

*George Samuel Flanagan, Jr.  
Unit Commissioner/Nova Counselor and Supernova Mentor  
York District  
Palmetto Council  
Boy Scouts of America*

*June 2019*

**Piedmont-Appalachian College of Commissioner Science**

**Wofford College**

**Spartanburg, SC**

***Dr. Paul Korinko, Advisor***

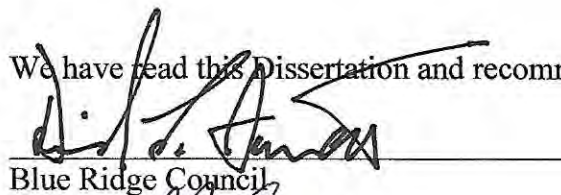
To the Doctoral Candidate Review Board:

I am submitting herewith a Dissertation written by George Samuel Flanagan, Jr., entitled "Nova Awards Program Awareness Through a Cadre of Trained Nova Councilors and Supernova Mentors". I have examined the final copy of this report for format and content and recommend that it be accepted in partial fulfillment of the requirements for the Degree of Doctor of Commissioner Science.

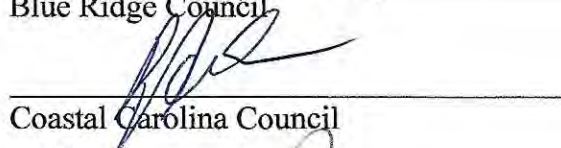


Dr. Paul Korinko

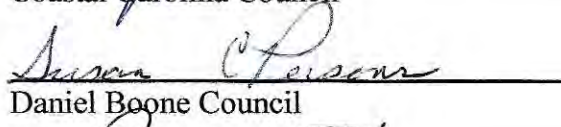
We have read this Dissertation and recommend its acceptance:



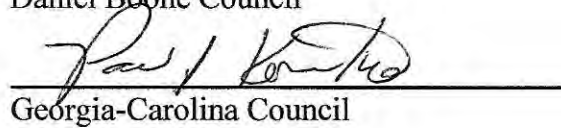
Blue Ridge Council



Coastal Carolina Council

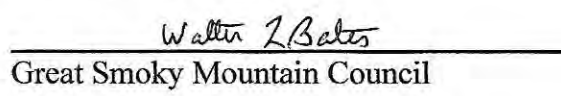


Daniel Boone Council



Georgia-Carolina Council

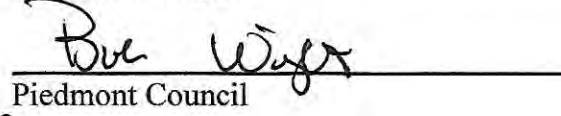
Walter Z Bates



Great Smoky Mountain Council



Palmetto Council

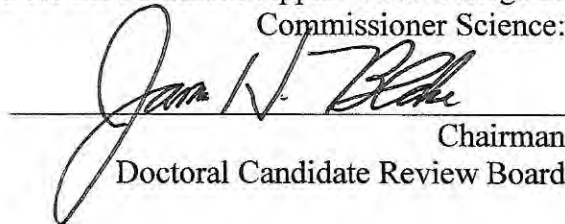


Piedmont Council



Sequoyah Council

Accepted for the Piedmont-Appalachian College of  
Commissioner Science:



Chairman  
Doctoral Candidate Review Board

## **ACKNOWLEDGEMENTS**

First, I would like to thank Dr. Paul Korinko for his guidance, patience, and the support he provided through this Dissertation process.

Next, I would like to thank the Doctoral Candidate Review Board for their time in reviewing the many Dissertations that were submitted, mostly this one.

Last, but certainly not least, I would like to thank my family: Angie, Alex, and Tommy for their patience and understanding as I have spent many nights and weekends in support of the Scouting movement, including the important work necessary to complete this Dissertation.

## TABLE OF CONTENTS

CHAPTER	PAGE
I. INTRODUCTION	1
II. REVIEW OF LITERATURE	7
III. METHODS	9
IV. RESULTS AND DISCUSSION	13
V. SUMMARY	16
REFERENCES	17
APPENDICES	
Appendix A. Nova Counselor Training Brochure	18
Appendix B. York District Roundtable Email	20
Appendix C. Training Attendance Report	22
Appendix D. STEM Nova Counselor Training Resources	24

## LIST OF TABLES

TABLE	PAGE
1. Nova Awards	2
2. Supernova Awards	3
3. Additional Items for the Course	12

## LIST OF FIGURES

FIGURE		PAGE
1.	BSA Nova Award (Patch for First Nova Award)	2
2.	BSA Nova Award (Pi Pin-on for additional Nova Awards)	3
3.	BSA Supernova Award	4
4.	Snippet from The STEM 2026 Vision	6
5.	STEM Training for Adults	9
6.	Lego Mindstorms	13
7.	STEM Kit from Amazon STEM Club	13
8.	STEM NOVA Learning Plan	16

## **ABSTRACT**

The Boy Scouts of America (BSA) recognizes the importance of educating young people about science, technology, engineering and mathematics (STEM) related fields. Consequently, it developed, in partnership with Exxon Mobile, the Nova awards program. Its purpose is to provide our Scouting youth STEM activities and opportunities abroad and where they ordinarily would not exist. It consists of a program of awards based on Cub Scout, Boy Scout, and Venturing Scouting programs starting with Nova awards and increasing in complexity and rigor to the more advanced Supernova awards. The program is culminated by achieving the rare, most prestigious award, the Dr. Albert Einstein Supernova award. The program itself is unprecedented; however, it is mostly unknown or unfamiliar to many of our Scouting youth and adult Scouters. For this project, in an effort to push the STEM movement in our district, I intend to help build a cadre of trained leaders to increase the awareness of STEM. To do this, I will start describing the BSA's Nova awards program, and by conducting York District's first Nova Counselor course where I will present the course material and demonstrate how BSA's Nova awards program can help promote STEM in its youth programs. It is very important that our youth leaders are prepared to tackle ever-changing complexities that will impact the world in which they live and are certain to face in their futures. BSA's Nova awards program can do just that.

## CHAPTER I

### INTRODUCTION

According to a study, *STEM 2026 A Vision for Innovation in STEM Education*, it is understood that the complexities of today’s world require everyone to be equipped with a new set of core competencies, knowledge, and skills to help solve difficult problems, gather and analyze evidence, and make sense of information received from various sources, much being from digital media (1).

The Boy Scouts of America (BSA) recognizes the importance of educating young people about science, technology, engineering and mathematics (STEM) fields. In an effort to “encourage the natural curiosity of youth members and their sense of wonder about these fields through existing programs”, BSA created the Nova Awards program in 2012 (2).

#### Nova Awards

There are several Nova awards for Cub Scouts, Webelos Scouts, Boy Scouts, and Venturers. Each award covers one component of STEM (Table 1).

Each Scouting programs warrants a different color patch. The Cub Scout patch has a blue boarder, the Boy Scout patch has a red boarder, and the Venturing patch has a green boarder. To date, BSA has not changed the Boy Scout program to reflect its new name, Scouts USA. This oversight will likely change later in 2019.

Table 1. Nova Awards



Program	Awards
Cub Scout – Cub Scouts® Nova Guidebook Scout Shop Item: 620557 (3)	Science Everywhere, Down and Dirty, Nova WILD!, Out of This World, Tech Talk, Swing!, 1-2-3 Go!, Uncovering the Past, and Fearful Symmetry
Boy Scout – Boy Scouts® Nova Book Scout Shop Item: 614936 (4)	Shoot! Let It Grow!, Splash!, Start Your Engines, Whoosh!, and Designed to Crunch
Venturer – Venturing® Nova Pamphlet Scout Shop Item: 614934 (5)	Launch!, Power Up, Hang On!, Numbers Don't Lie, and Wade!



Figure 1. BSA Nova Award (Patch for First Nova Award)



Figure 2. BSA Nova Award (Pi Pin-on for additional Nova Awards)

### Supernova Awards

Supernova awards have more rigorous requirements and will likely require additional levels of study (Table 2). Nova and Supernova awards are based on program and age of the Scout. These requirements and activities are designed to motivate youth and recognize more in-depth, advanced achievement and study in STEM-related activities (6).

Table 2. Supernova Awards

<b>Program</b>	<b>Awards</b>
Wolf and Bear Cub Scouts – Cub Scouts® Nova Guidebook Scout Shop Item: 620557	Dr. Louis Alvarez Supernova Award
Webelos Scouts – Cub Scouts® Nova Guidebook Scout Shop Item: 620557	Dr. Charles H. Townes Supernova Award
Boy Scouts – Boy Scouts® Nova Book Scout Shop Item: 614936	Dr. Bernard Harris Supernova Bronze Award Thomas Edison Supernova Silver Award

<p>Venturers – Venturing® Nova Pamphlet</p> <p>Scout Shop Item: 614934</p>	<p>Dr. Sally Ride Supernova Bronze Award</p> <p>Wright Brothers Supernova Silver Award</p> <p>Dr. Albert Einstein Supernova Gold Award</p>
--	--



Figure 3. BSA Supernova Award

The Supernova award is a medal with a neck ribbon. Each medal is either bronze, silver, or gold, dependent on the program and award level. The Dr. Albert Einstein Supernova award, the most prestigious, is the gold medal award and is a restricted item. It is available to those individuals meeting its requirements and can only be purchased at a local Scout Shop after all the appropriate paperwork has been submitted and verified. All other awards can be ordered online or purchased at a local Scout Shop.

Nova awards can enhance or compliment what may already be known or learned. The expectation is that requirements and activities necessary to earn Nova awards will demonstrate how STEM-related fields apply to everyday life (6). While BSA continues to offer and expand this prestigious awards program, it struggles to promote awareness and its benefits at the council, district, and unit levels.

Most youth today do not have the opportunity to attend or be a part of a formal STEM academic institution. STEM subjects in primary and secondary schools typically do not focus on the practical application of these disciplines that are necessary to relate information learned to skillsets required to perform them. BSA's Nova awards program provides a unique opportunity for Scout-age youth and young adults (ranging from ages 7 to 20) to gain exposure to critical structures that make these relationships so impactful.

The aims and methods of Scouting are critical to Scouting's success and are well integrated in the Nova awards program through its program-level requirements and activities. In a graphic captured from [innovation.ed.gov](http://innovation.ed.gov) (1), the relationship between a person and their environment, being engaged and networked through communities of practice are very much what is promoted and experienced in Scouting. The broader the outreach and the assurance of diversity and inclusion in the Nova awards program makes these STEM experiences meaningful and very rich. BSA's Nova awards program is on track to meet this vision.

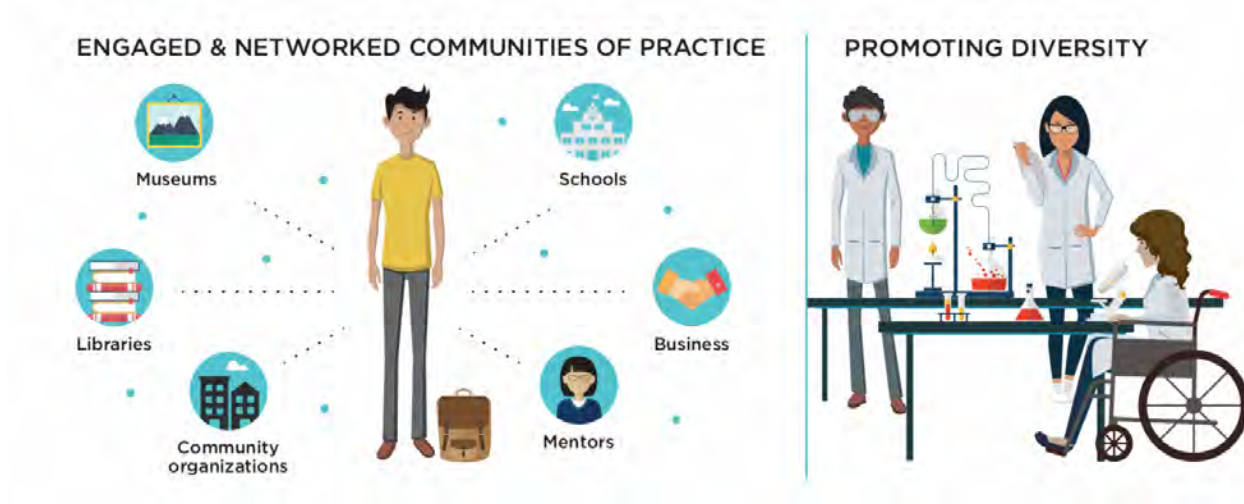


Figure 4. Snippet from The STEM 2026 Vision (1)

STEM related activities and requirements that are necessary to complete Nova and Supernova awards (combined with existing merit badge and general Scouting activities) bridge the gap between what is learned at home, in school, visits to businesses, museums, and the community in general, and how they are applied in each of these environments. BSA's commitment to diversity and inclusion makes this program all-encompassing. It is practical experience that truly makes the intellectual difference and BSA's Nova awards program is the tool and process to do just that – and it's available to everyone.

In York District, as part of this project, I coordinated with the District Commissioner and District Training Chair to schedule and conduct a training event during the November 2018 monthly roundtable for the Nova counselor and Supernova mentor Nova award positions. It will be through continued training and regular STEM events and activities that a cadre of trained

Nova counselors and Supernova mentors will evolve within our district. These counselors and mentors will facilitate the implementation of STEM and enable Scouts to earn the Nova and Supernova awards.

## **CHAPTER II**

### **REVIEW OF LITERATURE**

When I was first made aware of BSA's Nova awards program, there was little mention or knowledge of it at the council or district levels. Using a simple web search in BSA's vast amount of online information, I was able to discover the information I was looking for. To become a Nova counselor, one must:

- Be any registered adult age 21 or older.
- Must be registered under the non-unit position and no fee is required. The Nova counselor code is 58.

To qualify as a Supernova mentor, one must:

- Be at least 21 years old and of good character.
- Be registered with the Boy Scouts of America (position code 52).
- Complete Youth Protection training for the level(s) you will mentor.
- Be recognized as having the skills and education in the award topics covered and hold any required qualifications and training (to be confirmed/approved by the local council office).
- Be able to work with Scout-age youth.

Additionally, a Supernova Awards Mentor Information sheet (7), must be submitted and approved by the local council.

All Nova counselors and Supernova mentors must have current BSA Youth Protection training and certification appropriate for the programs being administered (Cub and Boy Scout Y01, Venturing Y02)(8).

To become “Trained” in these positions, as I learned, was a lot more difficult to achieve. Figure 1 shows training that is available for both the Nova Counselor and Supernova Mentor positions. As can be seen in the illustration, to be trained as a Supernova Mentor simply requires reviewing the Mentor’s Guide. However, to become trained as a Nova Counselor, one must attend an instructor-led course (9). Training materials are provided for both the instructor and the trainee.

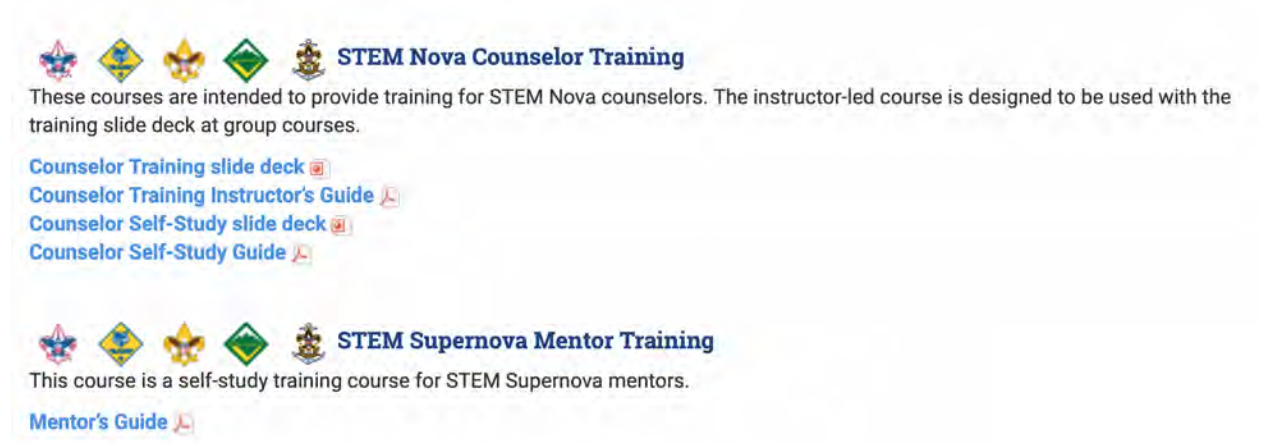


Figure 5. STEM Training for Adults (9)

Unfortunately, the instructor-led course was not offered in Palmetto Council when I began this journey late 2016, so I took advantage of a rare opportunity and attended a Nova Counselor course that was offered at the 2017 National Jamboree at the Summit Bechtel Reserve. Once I completed this training and submitted the required documentation to the district/council, my



training record was updated to reflect both Supernova mentor and Nova counselor positions. It is with this background and training that I intend to extend the opportunity for an instructor-led Nova counselor training course in York District.

## **CHAPTER III**

### **METHODS**

Based on my Scouting and professional experience and my desire to develop a cadre of trained STEM counselors and mentors in York District, I met with the district commissioner and district training chairperson. We decided that the November York District Roundtable would be the best venue and opportunity to conduct this training. Announcements were made at the September and October Roundtable meetings describing the Nova awards program and that the instructor-led course would be offered as a break-out session during the meeting. It was requested for those interested in participating to RSVP the course instructor via email or text message to ensure adequate facilities would be available to conduct the training.

A “takeaway” brochure, Appendix A, was produced and made available to Roundtable participants to reinforce the announcement made at the September and October Roundtables by providing program details and course instructor contact information. Additionally, a link to an electronic copy of the brochure was provided in an email for those who were unable to attend the meeting or in the event printed copies were all distributed at the Roundtable meetings. An entry in the York District November Roundtable email was made announcing the Nova counselor training event, Appendix B, and was emailed to the York District email distribution list. Several respondents discussed their interest in the course via conversations at the Roundtable meetings and emails to the course instructor. By the time the course was conducted, five people confirmed that they would attend the course.

Not knowing exactly how many would attend, the district commissioner and I agreed to a setting that would facilitate up to 10 participants. If more responded, other accommodations could be made. Adequate seating, table space, audio/visual equipment, and whiteboard were indicated as necessary. I was ultimately responsible for bringing a flat screen television, associated equipment, and accessories; the church classroom provided the rest. I arrived 45 minutes prior to the meeting to ensure everything would be in order before the course began. I included several additional items I thought would be of interest for viewing and discussion, following is the list:

Table 3. Additional Items for the Course

<b>Item</b>	<b>Source for purchasing</b>
Lego Mindstorms Kit (Figure 6)	<a href="https://education.lego.com">https://education.lego.com</a>
Cub Scouts® Nova Guidebook	Scout Shop – Item 620557
Boy Scouts® Nova Guidebook	Scout Shop – Item 614936
Venturing® Nova Guidebook	Scout Shop – Item 614934
Nova Venturing Emblem	Scout Shop – Item 618670
Nova Pi Device	Scout Shop – Item 613037
STEM Kit (Figure 7)	Amazon STEM Club



Figure 6. Lego Mindstorms Kit



Figure 7. STEM Kit from Amazon STEM Club

The York District November Roundtable was conducted November 8<sup>th</sup> at the First Presbyterian Church in Rock Hill, SC. The meeting started promptly at 7:00 PM followed by an opening ceremony and several district and program related announcements. I made a brief announcement informing participants where the Nova counselor training course would be conducted and when we would get started; program breakout sessions formed shortly afterwards.

In total, nine people participated in the Nova counselor course (Appendix C). At approximately 7:25 PM, I started the course with an introduction of myself and asked the participants to introduce themselves. An overview of the agenda was provided with the remainder of the course being consistent with guidance provided for by the Counselor Training Instructor's Guide (10). I planned 60 minutes for the course: the presentation portion taking 45-50 minutes, leaving 10-15 minutes for questions and to discuss how implementing additional STEM activities and artifacts helps to enforce ideas and relate them to award activities and requirements. Each of the items in Table 3 were discussed and passed around for review. The course wrapped up at approximately 8:30 PM, indicating that the plan was well followed.

## **CHAPTER IV**

### **RESULTS AND DISCUSSION**

Participants demonstrated their initial interest in the course by signing up; however, questions and interactive discussion validated their engagement. Several questions were asked during and after the general presentation. Most related to the registration/application process. Some related to the additional steps necessary to register as a Supernova mentor. Everyone appeared to be interested and enthusiastic about being a Nova counselor and leading or participating in STEM related events and promoting the Nova awards program. I discussed the STEM events that occurred in Palmetto/Mecklenburg County council over the past year and how to find out about upcoming events. Following the training event, I sent out an email (Appendix D) that provided links to all the materials covered and my contact information for additional training and information.

In September 2018, BSA National released a new training series in my.Scouting (Scouting U) named STEM NOVA Learning Plan (Figure 8). This training plan consists of 3 modules: BSA STEM Nova, Nova counselor, and Supernova mentor.

The screenshot displays the 'STEM NOVA Learning Plan' interface. At the top, it shows 'STEM NOVA Learning Plan' with a 'BACK' button. Below this, there are statistics: 3 ITEMS, 100% COMPLETED, 0 ITEMS PAST DUE, and 0 ATTACHMENTS. There are also options for 'SEQUENCE NUMBER' and 'FILTERS (\*)'. The main content area lists three modules:

Module Number	Module Name	Description	Status	Optional	Type	Completed Date	Action
1	<b>BSA STEM Nova</b>	The BSA STEM Nova awards program enables youth to explore STEM fields as they discover the science, math, technology, and engineering all around them as they earn awards.	Completed	No	Course	November 6, 2018	LAUNCH COURSE
2	<b>Nova Counselor</b>	Nova Counselors are an important part of the STEM Nova program. They learn skills to help guide Scouts in earning the Nova awards, such as reviewing the requirements, as well as understanding the duties and responsibilities of this important position.	Completed	No	Course	November 6, 2018	LAUNCH COURSE
3	<b>Supernova Mentor</b>	Supernova Mentors assist Scouts in completing the requirements to earning the Supernova Award. They have an understanding of the different roles, duties, and requirements of being a mentor to youth working towards this award.	Completed	No	Course	November 4, 2018	LAUNCH COURSE

Figure 8. STEM NOVA Learning Plan

The first module provides an overview of BSA's Nova awards program, the other two modules provide a high-level overview of the Nova counselor and Supernova mentor positions. All of these modules can be completed in less than an hour. Based on available digital literature, it is not clear if completing these modules will replace or supplement the Nova counselor instructor-led course requirement detailed in BSA's adult training website (9). While these online modules present the Nova awards program in a convenient, easily consumable way, it does not provide the interaction typically gained from an in-person training course with an instructor and other participants. It is suggested that questions related to these modules be sent to BSA's National office where they are typically fielded by a volunteer or BSA STEM professional.

Having completed each of these modules, I can say that I found them informative at a high level but more theoretical than practical. An effective Nova awards program requires a high degree of theoretical knowledge; however, it's the execution of the program that proves its worth. I think these online training modules can provide an introduction to the Nova awards program; however, an instructor-led Nova Counselor course, where the presentation of the course material is followed up with a discussion and dialogue of its execution is relative and much more effective.

In a start, stop, continue retrospective, I have determined the following: start training more often, stop being limited by the venue, and continue to push the awareness of BSA's Nova awards program through a cadre of trained leaders. We can never have enough opportunities to get in front of interested leaders to promote all that Scouting has to offer. I will continue to work with district and council leadership to help ensure this training continues to be offered when and where most appropriate. The district Roundtable event was an acceptable opportunity to conduct this training; however, there are many other opportunities available throughout the year when/where this training could be facilitated. Once again, I will work with district and council leadership to ensure we are making the best of our resources and training opportunities. The Nova awards program is an extraordinary opportunity for today's Scouting youth to establish themselves and through learning and exploration become strong STEM leaders of the future. It will take a cadre of trained, like-minded adult leaders to see this through. To help ensure we are preparing Scouts for the multitude of complexities they are certain to face in their futures is our responsibility.



## **CHAPTER V**

### **SUMMARY**

The idea for this project came to me as I was completing my capstone project at Georgetown University. A classmate and I wrote a paper proposing a revamped BSA Nova awards program management system. The degree I was pursuing was a master's in technology management, so the proposal had to be technology based. In contrast, this project is intended to promote STEM and awareness of BSA's Nova awards program through a cadre of trained adult leaders given the program and materials already provided. When I began this project, we had four trained Nova counselors and three trained Supernova mentors. Having coordinated with district leadership to plan, develop and execute an instruct-led Nova counselor course, we now have 13 trained Nova Counselor adult leaders. Since the course in November, I have worked with another district adult leader to complete both Nova counselor and Supernova mentor training courses and to submit the appropriate paperwork to be council approved. My intention is to continue the push of STEM awareness and BSA's Nova awards program in an effort to develop strong STEM leaders that will be prepared and capable of taking on the most complex and impactful challenges for the future. We have an obligation as adult leaders and Scouters to fulfill the mission of Scouting – to prepare young people to make ethical and moral choices over their lifetimes by instilling in them values of the Scout Oath and Law (11). STEM, BSA's Nova awards program, and all other programs BSA offers our youth are well developed, in place, and ready for action. It is up to us, Scouting's adult leadership, to deliver the best program we can – every Scout deserves a trained leader!

## REFERENCES

1. Department of Education. STEM 2026 A Vision for Innovation in STEM Education. 2019. from [https://innovation.ed.gov/files/2016/09/AIR-STEM2026\\_Report\\_2016.pdf](https://innovation.ed.gov/files/2016/09/AIR-STEM2026_Report_2016.pdf)
2. Boy Scouts of America (BSA). What is STEM and Nova. 2018. from <https://www.Scouting.org/stem-nova-awards/about-stem/>
3. Scout Shop. Cub Scouts Nova Guidebook. 2019. from <https://www.scoutshop.org/catalog/product/view/id/4373>
4. Scout Shop. Boy Scouts Nova Book. 2019. from <https://www.scoutshop.org/catalog/product/view/id/3291>
5. Scout Shop. Venturing Nova Pamphlet. 2019. from <https://www.scoutshop.org/catalog/product/view/id/3289>
6. Boy Scouts of America (BSA). About the Nova Awards Program. 2018. from <https://www.scouting.org/stem-nova-awards/awards/about-nova/>
7. Boy Scouts of America (BSA). Supernova Awards Mentor Information. 2018. from [https://filestore.scouting.org/filestore/stem/pdf/514-017\\_WB.pdf](https://filestore.scouting.org/filestore/stem/pdf/514-017_WB.pdf)
8. Boy Scouts of America (BSA). Volunteer Support. 2018. from <https://www.scouting.org/stem-nova-awards/Council/Volunteer-Support/>
9. Boy Scouts of America (BSA). Training for Adults. 2018. from <https://www.scouting.org/training/adult/>
10. Boy Scouts of America (BSA). Nova Counselor Training Instructors Guide. 2018. from [https://filestore.scouting.org/filestore/training/pdf/NOVA\\_Counselor\\_Training\\_Instructors\\_Guide.pdf](https://filestore.scouting.org/filestore/training/pdf/NOVA_Counselor_Training_Instructors_Guide.pdf)
11. Boy Scouts of America (BSA). Mission Statement. 2019. from <https://www.scouting.org/legal/mission/>

**APPENDIX A**

**Nova Counselor Training Brochure**

## Nova Awards

### Nova Counselor Training

November 8, 2018 @ 7 PM



#### About the Nova Awards Program<sup>1</sup>

The Boy Scouts of America's NOVA Awards program incorporates learning with cool activities and exposure to science, technology, engineering and mathematics for Cub Scouts, Boy Scouts, and Venturers.

There are multiple Nova awards for Cub Scouts, Webelos Scouts, Boy Scouts, and Venturers. Each award covers one component of STEM—science, technology, engineering, or mathematics.

- [Cub Scout Nova awards](#) - Science Everywhere, Down and Dirty, Nova WILD!, Out of This World, Tech Talk, Swing!, 1-2-3 Go!, Uncovering the Past, and Fearful Symmetry
- [Boy Scout Nova awards](#) - Shoot! Let It Grow!, Start Your Engines, Whoosh!, Designed to Crunch and Splash!
- [Venturer Scout Nova awards](#) - Launch!, Power Up, Hang On!, Numbers Don't Lie and Wade!

#### Counselor Qualifications<sup>2</sup>

Each pack and troop should have at least one counselor, possibly several for more active units. And each counselor needs help from other adults in the unit. Every unit has qualified adults who can help with activities. Ask them!

You can be a counselor if you are:

- At least 21 years of age
- Of good character
- Able and willing to work with Scout-age youth
- Comfortable with high school math and science
- Willing to research STEM topics if you are not familiar or comfortable enough. And willing to partner with a subject-matter expert if required.
- A registered BSA adult (completed the registration form, position code 58, no charge)
- Current in Youth Protection Training

Will you be the Nova Counselor that plants the seeds of a Scout's future? You are needed, and you can do it.

#### Training Information

##### Location

**York District Roundtable**  
234 E. Main Street  
Rock Hill, SC 29730

##### RSVP!

*Please send me a text or email letting me know that you plan to attend – feel free to bring a teacher, parent, or a friend. I need to know the numbers to ensure we have adequate facilities for the training.*

George Flanagan  
(803) 487-1762  
gflanagan@mac.com

<sup>1</sup><https://www.scouting.org/stem-nova-awards/awards/about-nova/>

<sup>2</sup><https://blog.scoutingmagazine.org/2014/08/07/can-nova-counselor/>

**APPENDIX B**

**York District Roundtable Email**




November Roundtable - INBOX

**Message**

Delete Archive Reply Reply All Forward Attachment Move Junk Rules Read/Unread Categorize Follow Up

**November Roundtable**

**YD** York District, BSA <joshua.bouldin@scouting.org>  
 gflanagan@mac.com  
 Tuesday, November 6, 2018 at 11:09 AM  
[Show Details](#)

**PALMETTO COUNCIL  
YORK DISTRICT**

**November 8, 2018**  
**First Presbyterian Church, Rock Hill, SC**  
**7:00-8:00 PM**

The monthly District Roundtable meeting provides an information and training forum for adults involved as leaders in the Scouting program. These meetings allow attendees from all parts of the Scouting program to:

- Discuss topics of interest, both formally and informally
- Learn new skills and program topics for your unit
- Learn about upcoming District and Council events
- Meet and exchange ideas with other leaders from the District

Roundtable is open to all adults involved with the Scouting program. *Each Unit should send at least one representative to each roundtable meeting.*

<p><b>Big Rock Topic:</b></p> <ul style="list-style-type: none"> <li>- Overall guidelines about Social Media</li> <li>- Ideas for Effective Unit Communication</li> </ul> <p><b>Also:</b></p> <ul style="list-style-type: none"> <li>- Awards from Gold Rush and other troop activities</li> <li>- Turn in Unit <a href="#">Recharter</a></li> </ul>	<p><b>Scouts BSA &amp; Cub Scouts -</b></p> <ul style="list-style-type: none"> <li>- Social Media and Cyberbullying</li> <li>- Information about the <a href="#">Cyberchip</a></li> </ul> <p><b>NOVA Counselor Training</b></p> <ul style="list-style-type: none"> <li>- with George Flanagan</li> <li>- Find out how to become a counselor/mentor for the STEM NOVA awards</li> </ul>
--	--

**APPENDIX C**

**Training Attendance Report**

**TRAINING ATTENDANCE REPORT**  
BOY SCOUTS OF AMERICA

Name of training course Nova Counselor Training  
 Location York District Roundtable Course code DR3  
 Course dates November 8, 2018 District York

**INSTRUCTIONS**  
 Please print all information requested. Send original report to the local council service center promptly (council registrar).

(PLEASE USE BALLPOINT PEN)

Name (please print)	Position	Unit Type and No.	Email Address	Phone Number	Date Certificate Issued
1. James McGehee	Den Leader	109			
2. Glen Gumprey	ASM	TROOP 277			
3. Casey Hopper	Den Leader	Pack 1850			
4. STEVEN SCHWENINGER	ASST	TROOP 349			
5. Ryan Meese	Cubmaster	Pack 316			
6. Allison Lanz	Cubmaster	Pack 316			
7. Constance North	Den Leader	Pack 219			
8. Duane Davis	ASM, Commissioner	Troop 37			
9. Emily Davis		Troop 37			
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					

**SUMMARY**  
 Total attendance 9  
 Number of participants completing course 9

**FOR COUNCIL OR DISTRICT USE**  
 Date received \_\_\_\_\_  
 Posted to unit in MyScouting \_\_\_\_\_

**FACILITATORS**  
George Flanagan

FORWARD TO YOUR COUNCIL SERVICE CENTER



**APPENDIX D**


**STEM Nova Counselor Training Resources Email**

STEM Nova Counselor Training Resources - Sent Items


Message

Delete Reply Reply All Forward Attachment Meeting Move Junk Rules Read/Unread Categorize Follow Up

**STEM Nova Counselor Training Resources**

 **George Flanagan, Jr.**  
Dutch McGehee; Glen Gumphrey; Casey Hopper; Steven Schweninger; rwmagee90@hotmail.com; lenziallison@gmail.com; + 7 more  
Sunday, November 11, 2018 at 12:37 PM  
[Show Details](#)

You forwarded this message on 12/13/18, 8:29 PM.



Thanks for attending STEM Nova Counselor training! Below are links to the material discussed during the session.

- Nova Counselor Training [scouting.org](http://scouting.org)
- How you can be a Nova Counselor [scoutingmagazine.org](http://scoutingmagazine.org)
- High School Seniors Aren't College-Ready [usnews.com](http://usnews.com)
- Youth Protection Training [scouting.org](http://scouting.org)
- STEM Nova Awards [scouting.org](http://scouting.org)
- Nova Award Guidebooks [scoutstuff.org](http://scoutstuff.org)
- Lego Mindstorm [education.lego.com](http://education.lego.com)
- Amazon STEM Club [amazon.com](http://amazon.com)
- Lego Mindstorm solving a Rubic's cube [lego.com](http://lego.com)
- Netflix Videos
  - [The Mars Generation](#)
  - [Dream Big: Engineering Our World](#)

**\*I recommend registering as a Nova Counselor. Doing so will require submitting an adult application using position code 58.**

Please let me know if you have any questions or want to discuss ideas to promote STEM within our district.

Thanks,

George Flanagan, Jr.  
803.487.1762  
[gflanagan@scoutSTEMlearning.org](mailto:gflanagan@scoutSTEMlearning.org)