

# SUPERNOVA OUTREACH

## INVEST IN OUR FUTURE TECHNICAL EXPERTS



Jon Antonucci: [jnuch1000@gmail.com](mailto:jnuch1000@gmail.com)  
Pack 109, Rock Hill, SC  
Palmetto Council, District 5  
SuperNOVA Coordinator & Mentor

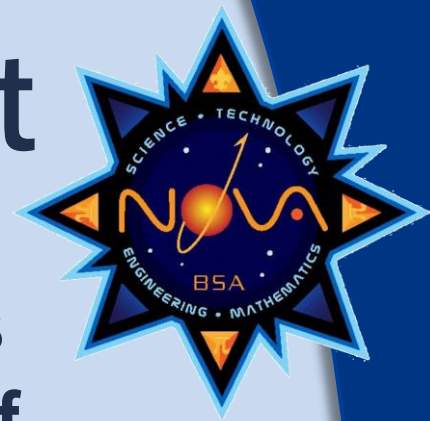
**Get involved: [PalmettoCouncil.org/nova](http://PalmettoCouncil.org/nova)**



**Do your best!**



# SuperNOVA funding request



**BSA NOVA & SuperNOVA programs  
instill a lifelong love & confidence of  
STEM in scouts**

Palmetto Council thoughtfully requests your financial support to advance our unit and council NOVA programs to promote STEM education, engagement, and recognition.

Palmetto Council is highly diverse with children from a wide range of ethnic, economic, and special needs backgrounds. 35% of our scouts identify as female.

**Do your best!**



# Scouts helps build technical experts

**61%**

of companies don't know how to invest in the talent pipeline

**50%**

of STEM degree holders opt for non-STEM occupations

**50%**

of S&P 100 are hiring for the same 37 roles

**2X**

It takes 2X as long to fill a STEM vacancy

## THE FUTURE IS STEM

**T**he Bureau of Labor Statistics estimates that the US economy alone will see an additional 10.7 million STEM jobs by 2029.

We are in a STEM talent crisis with too few STEM skilled workers to meet the demand.

In the US, the STEM economy supports 67% of American workers and it is estimated that over 2 million STEM jobs go unfilled every year.

Students do not see themselves in STEM jobs. Communities are struggling to equip the next generation with STEM skills. As a result, companies cannot hire or retain enough STEM workers to meet their needs.

**25%**

Scouts in NOVA focused scout units have had major STEM achievements

**4X**

Lower unemployment rate for STEM careers vs non-STEM

**3%**

Of all US children are BSA member scouts

Sources: STEMconnector.com 2022 and US Census Bureau

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# What did we accomplish in 2022?

- We conducted a council-wide STEM day camp for 30 scouts
- We started a monthly SuperNOVA club to teach 28 scouts how to be scientists with hands on experiments & counseling
- We doubled the number of trained and certified SuperNOVA mentors in the council from 3 to 6
- We completed two NOVA day long events including an iFly indoor skydiving laboratory
- We purchased \$1000 in SuperNOVA medals
- We organized a trip to sleep under a space shuttle at NASA
- We purchased STEM supplies for scouts

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# What are our 2023 targets?

- We would like to broaden our corporate & grant funding to reach more children from diverse economic backgrounds
- We will host a Mars party with NASA participation and invited local media coverage for SuperNOVA award recipients
- We will expand the NOVA program to more scout units
- We will build a science exploration laboratory as a safe space for scouts to develop equipment and material skills
- We would like to expand our STEM supplies including electronics materials, a 3D printer, and automation hardware
- We will participate in NASA's Artemis education program as we prepare to return to the moon in 2024



**Did you know? 66% of all US astronauts are scouts!**

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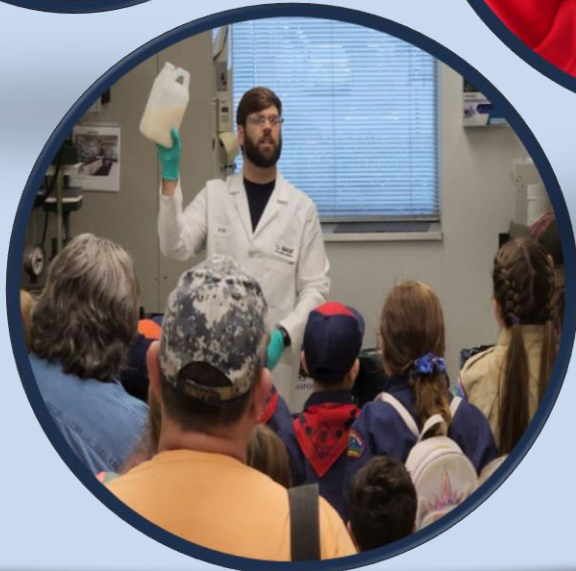


# How can you get involved?

We need volunteer support to help with...

- ✓ Volunteer at NOVA events
- ✓ Help build science labs
- ✓ Equipment donation
- ✓ Host scout field trips

Get involved:  
[PalmettoCouncil.org/nova](http://PalmettoCouncil.org/nova)



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