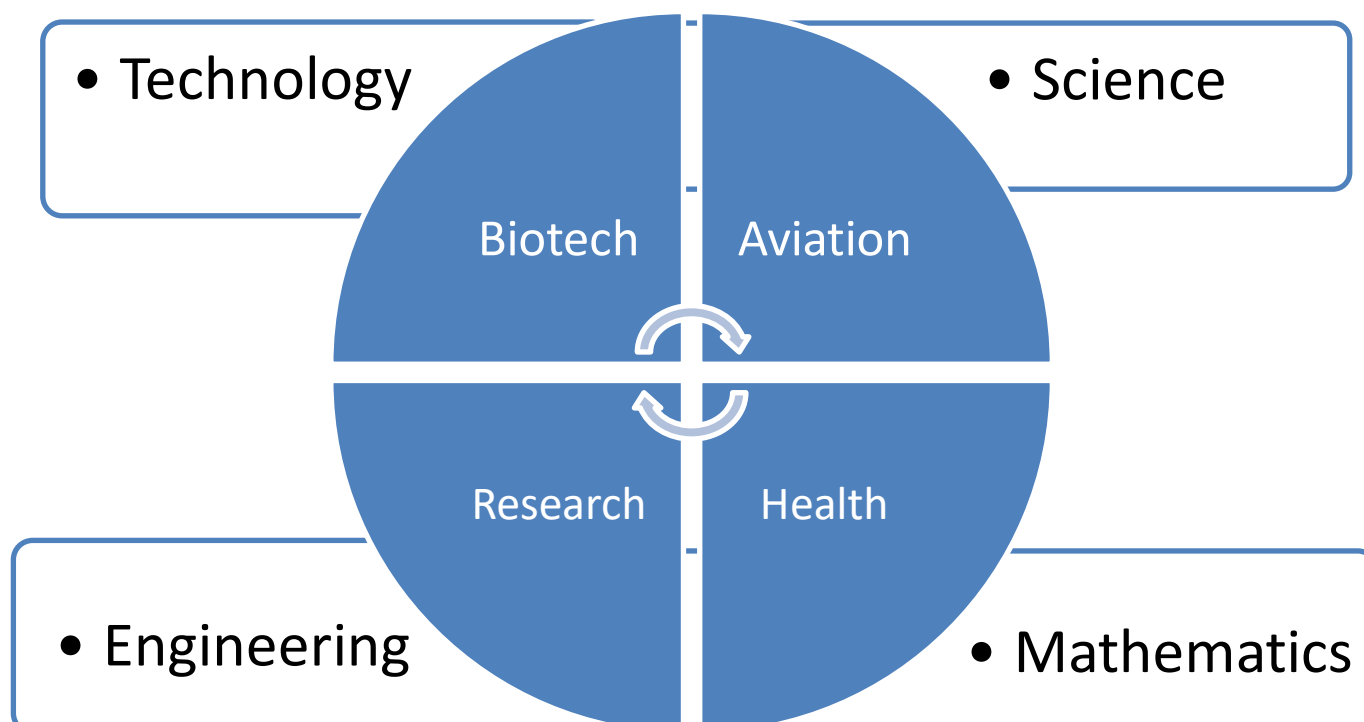


# AAUW Triad Tech Savvy

## Saturday October 20, 2018

Theme: getting the most from high school mathematics and computer programming



**UNC GREENSBORO**

*Find your way here*

## UNCG Campus AREA MAP using the West Market / McIver Street entrance



**McIver Parking Deck** - free for event parents and volunteers

**Student drop off** – in front of Sullivan Science Building at the corner of McIver and Carr Streets

**Petty Building** – Check in and continental breakfast second floor entrance from College Avenue. Departments of Mathematics, Statistics, Physics, and Computer Science. Triad Tech Savvy classes on Python Programming, and Biomathematics.

**UNCG Dining Hall** – buffet lunch offering a wide variety of menu items including stir fry, deli sandwiches, pizza, salads, ice cream, beverages and more, serving every dietary need. Students' lunches are included with registration; parent lunch available for purchase.

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## **Hello and Welcome to AAUW Triad Tech Savvy Event!!!**

AAUW Greensboro is a membership organization promoting educational and economic opportunities for women and girls. Through our STEM Outreach programs, we instill knowledge and confidence for advanced studies in math and science, including engineering and technology. Our students progress through a series of one to five-day programs, and those who complete our programs go on to become near peer mentors, instructors and leaders in providing STEM outreach to younger girls. Significantly, we are a program partner with the National Center for Women in IT (NCWIT) <https://www.ncwit.org/> .

AAUW Greensboro welcomes members without discrimination based on gender or ethnicity. Members are required to have at least an Associate Degree from an accredited college or university. Qualified candidates may join at any time during the year. Those attending AAUW events, such as Triad Tech Savvy, receive 50% discount off AAUW National dues for one year.

We also work closely through our College/University partners, and we offer FREE e-affiliate membership to those students who attend our C/U Partner schools: Bennett College, Guilford College, High Point University, North Carolina A&T State University, and the University of North Carolina at Greensboro.

We are particularly appreciative to UNCG and Dr. Terri Shelton, Ms. Debbie Freund, and Ms. Barbara Hemphill in the Office of Research & Economic Development, as well as the many UNCG staff members across the campus who support our activities.

The STEM fields are rapidly becoming the most in-demand and lucrative in the world. Despite this demand, at almost every step of the STEM education ladder women and girls walk away. AAUW Greensboro is dedicated to supporting STEM education for girls. We hope our efforts will encourage girls to prepare for the future they deserve. [aauwgreensboro@gmail.com](mailto:aauwgreensboro@gmail.com)

## SCHEDULE/AGENDA

Attendee name badges will identify your group assignment for classes.

Time	Activity	Location
8:00 to 8:30	Check in, receive name tags, and continental breakfast	Second floor lobby at College Avenue entrance
8:30 to 8:45	Pick up t-shirts, tote bags and program booklets	Room 150
8:45 to 9:45	Opening session, welcome, introductions, and high school student presentations Moderator – Laura Tew	Room 136
9:45 to 11:45	Parent session – strategies for students to advance further in high school mathematics courses, which may be the foundation of all STEM studies Parents will be released at 11:15 to tour the Petty Science Building Moderator – Lena Murrill Chapman	Room 136
9:45 to 11:45	Python Programming	Room 222 – Green Name tags
9:45 to 11:45	Biomathematics	Room 307 – Blue Name tags
11:45 to 12:30	Lunch in the UNCG Dining Hall. Your lunch pass is inside your name tag	UNCG dining hall, bistro seating area
12:30 to 2:15	Python Programming	Room 222 – Blue Name tags
12:30 to 2:15	Biomathematics	Room 307 – Green Name tags
2:15 to 3:15	Closing session – presentations by college students	Room 136
	Congratulations!!	

## **OPENING SESSION**

Moderator: Laura Tew, AAUW Branch STEM Outreach Coordinator

### **POSTER PRESENTERS**

**Sydney Barron [sydneybarron05@gmail.com](mailto:sydneybarron05@gmail.com) Junior GTCC Early Middle College**

My STEM journey began when I was in middle school. In the summer of my sixth-grade year was when I began seriously considering what I wanted to do as my ultimate career. This led me to looking at the things that I was currently good at and enjoyed. I enjoyed watching programs on the Science channel, and one in particular caught my eye. It was a program about the Disney Cruise ship and construction of the rides at Disney, which were done by Imagineers. I immediately decided that that's what I wanted to be. However, in my 9th grade year of high school, I found my passion for service. Continuing with my love for engineering, I decided I wanted to be an industrial engineer in order to engineer cheaper and more efficient forms of housing to decrease the homeless population, which is a big problem in Greensboro specifically. Finally, this year, I found my passion for science, specifically biology and chemistry. I still wanted to be an engineer, so I decided I wanted to be a biochemical or biomedical engineer. Sticking with my passion for service, I wanted to do so to help cure diseases through my findings. In conclusion, my story was about combining all of my passions into a career I knew I would be good at, that I would enjoy, and would allow me to help others.

**Amelia Irvin [airbound4me@gmail.com](mailto:airbound4me@gmail.com) Junior Ragsdale High School**

I was involved in the very first Triad Tech Savvy and attended IT is for Girls. Last year, I had the opportunity to participate as a speaker to encourage girls to find their STEM and how I found my interest in aviation. I had already discovered robotics through Girl Scouts that led

me into computer programming. Currently, I am on the code team programming in JAVA for an all-girls high school robotics team. This year, I was recognized as a Class Act on Fox 8 News for my Girl Scout Gold Award project, “Aviation Day for Girls.”

Being an active member of Girl Scouts since age 6, I wanted to try something new. The spring of my seventh-grade year, I saw a commercial for a new aviation summer camp at Triad Aviation Academy. It was called “Aero Camp,” and it was flight camp for youth. I found so much confidence from trying and actually started earning flight log hours to obtain my pilot’s license.

I plan to pursue a degree as a software engineer and work in the field of avionics. My experiences will provide a platform to be a role model encouraging young girls to participate in STEM activities.

**Trisha Raj [tsimoner@gmail.com](mailto:tsimoner@gmail.com) Freshman, STEM Early College at NC A&T**

Science has always fascinated me. Interestingly my interest in science was sparked my participation in a history project. I was assigned to do a poster on Marie Curie, I was amazed by the powerful scientist. I entered STEM and found math, science and technology exciting. The main obstacles that I overcame was my lack of confidence. Success in math and science gave me the courage and confidence of looking forward to my future. Follow your heart in STEM, with passion it will open doors to an exciting and satisfying future.

**Ananya Sharma [asharm466@gmail.com](mailto:asharm466@gmail.com) Sophomore Grimsley High School**

I am a sophomore at Grimsley High School. My interest in computer science emerged in 8th grade, because of all the AAUW STEM events I had attended at the time. After attending the "Find Your STEM" event I researched more into this field and was astonished when I saw the ratio of girls to boys in this field.

I took a class freshmen year called Technology Engineering and Design, and it really appealed to me and I decided that the field of Technology is what I wanted to major in, because Technology is something that is always going to keep growing.

My dream college is UNC Chapel Hill, and I want to go there and major in computer science. I have been attending some college planing series, that provide information on such colleges and majors, and really lead you into the right direction.

Girls in middle school and high school should definitely go to these events and learn, they should also intend on finding their STEM so they can focus on their choices of classes or extracurricular activities.

**Christa Simaan [cesimaan@gmail.com](mailto:cesimaan@gmail.com) Junior Northwest Guilford High School**

I found STEM in the first grade. I loved to play with Legos and my interest kept growing. In fourth grade, I joined my first (First Lego League) FLL team and continued with that for several years. Two years ago, I mentored a team at the Natural Science Center. I have been on an FTC team for two years now and love it. I am the session leader for Robotics at the IT is for Girl's Summer Camp at UNCG and at Appalachian State in 2018. Before that, I attended the IT is for Girls summer camp and Tech Savvy many times and loved it! I was the session assistant in Internet of Things and Virtual Reality in 2017. I am very interested in math and science and hope to pursue a career in STEM to further my love for it. My advice would be to always look for opportunities and do the things you enjoy.



## **BIO MATHEMATICS**

### Groundwater Contamination: *Trouble in Fruitvale*

(Developed by Science Education for Public Understanding, SEPUP,  
and distributed by LabAides)

Exploring earth science concepts such as the water cycle, map making and interpretation, and groundwater pollution is the objective of this module. These concepts are used in an investigation of groundwater contamination in the fictional city of Fruitvale. Students design and carry out a plan for testing water from different parts of the city to determine the contamination's source, severity, extent, and rate of travel. The data is then used to analyze the risk to Fruitvale's water supply. Finally, the students read about several clean-up options and participate in a role-play of a town meeting to decide which clean-up option to use.

At UNCG, an emerging cluster of mathematicians and their students are collaborating with biologists here and at other universities. The field is called math biology or biomathematics.

They are working together to analyze massive stores of scientific data, model how animals behave, and better understand how life functions at every level — from the interior of a cell to the borders between ecosystems.

“Math biology is a very hot applied field,” says Ratnasingham Shivaji, H. Barton Excellence Professor and head of the Department of Mathematics and Statistics. “It's different from previous, traditional applications of differential equations in physics and engineering. Ideas and techniques from many diverse branches of mathematics are needed to answer questions arising in biology. It's an exciting challenge.”

**INSTRUCTOR:** Peijia Ku, UNCG Graduate Student, Environmental Health Science

# **COMPUTER SCIENCE AND PYTHON PROGRAMMING**

Our organization wants to be part of shaping the future and giving a starting point to new generations for learning programming such as Python. The Python programming sessions are designed for girls to get a hands-on introductory glance to what programming is, how a computer works, and to emphasize the importance of being a girl that codes. The class will be presented in a fun, interactive way, through making parallels to real world examples such as: the basics of how a computer works and the basic knowledge about coding like variables, conditional statements, and basic data structures.

Python language is used worldwide, both in start-ups and large organizations like NASA, Google, Oracle, etc. It is one of the best tools to have in the software developer's portfolio. Python was invented in 1991, but it became popular in 2000's. This programming language is easy to pick up and is quite often used as the language to learn coding. It makes a beginner's life a lot easier, with achievable learning goals in a shorter amount of time. This language has a lot of pre-implemented libraries and tools. It can be used to do simple things such as building a website and writing an app to doing more complex things such as machine learning, natural language processing, and research in statistics.

TechSavvy participants will get an introductory glimpse into this fast-growing programming language and have a hands-on experience into the world of coding in Python.

Sources:

1. <http://quintagroup.com/cms/python/google>
2. [https://python.swaroopch.com/about\\_python.html](https://python.swaroopch.com/about_python.html)

**INSTRUCTOR:** Oana Dumitrescu, UNCG Graduate Student,  
Computer Science

## **CLOSING SESSION**

Moderator: Laura Tew, AAUW Branch STEM Outreach Coordinator

**Eliama Brown** [enbrown1@aggies.ncat.edu](mailto:enbrown1@aggies.ncat.edu) **Junior NC A&T State University**

When I was in high-school, I fell in love with AutoCAD, computer aided design, and wanted to become a CAD Drafter and create drawings all day. When I entered the Career Fair freshman year at North Carolina A&T State University, I explained this passion of mine with the employers there. They explained to me that I should expand my horizon, and not be limited to solely drafting. Further, I got an internship drafting, and I knew that was not something I wanted to do as a career.

I joined AEI and AIAS which has great community service for students in my major, particularly those interested in construction. I participated in Community Housing Solutions and Tiny Houses community service events, and this led to my start interest in construction.

**Katelyn Miller** [kjmille3@uncg.edu](mailto:kjmille3@uncg.edu) **UNC Greensboro PhD candidate environmental health science**

I am in my fifth year of my PhD program at UNCG and plan to graduate in summer 2019. I was very fortunate to be exposed to the biological sciences at a young age which influenced my choices as I went through high school and my undergraduate education. When I got to college, I knew I wanted to major in biology and loved it from day one. Even with coursework challenges, long nights of studying, occasionally unsatisfactory grades, I was still fascinated with biology. I later received my master's degree in biology at UNCG and decided to pursue a PhD focusing on molecular virology within environmental health. My time as a graduate student has taught me many things: explore and go outside my comfort zone, making mistakes is part of the process and to learn from them, and to maintain a work/life balance. My advice to high school students is to remain curious, be

open to new experiences and opportunities, and to always make sure you enjoy what you do.

**Tiedra Rembert** [ttrember@aggies.ncat.edu](mailto:ttrember@aggies.ncat.edu) **Junior NC A&T State University**

During the summer of 2014, one of my mentors, Rev. Eula Gaddis, connected me to a free architecture camp as a result of expressing my interest in engineering and building homes. I attended the Project Pipeline camp held by the National Organization of Minority Architects (NOMA) at Kendall College of Art and Design in Grand Rapids, MI. There, I created a kiosk with digital blueprints, a prototype, and a business plan- in four hours. I accomplished and learned more at the NOMA camp than I ever have in any class. In addition, I discovered Architectural Engineering, which is the combined mathematics, science, and technology behind the building functions, properly reflected my interest and skill. Furthermore, I reached one of my personal goals of obtaining my first summer internship at Frank L. Blum Construction Company in their Virtual Design and Construction (VDC) Department. As I matriculated through my internship, I have sparked a big interest in pursuing VDC as a future career path.

I am a junior Architectural Engineering student from Grand Rapids, MI. Growing up, my father and teachers would suggest I look into engineering for college because I always excelled in my mathematics courses. I love math and problem solving. Beyond being number savvy, I enjoy creating and hands on activities. This summer's internship with Frank L. Blum Construction Company, I was introduced to the construction world, and I found myself intrigued by Building Information Modeling (BIM) and Virtual Design and Construction (VDC).

## **Meet the AAUW Greensboro Triad Tech Savvy Team**

**Libby Haile** was born and raised in Greensboro, graduating from Page High School and the University of North Carolina at Greensboro with a BA in Biology. She completed her clinical laboratory training at the Los Angeles County, University of Southern California Medical Center and worked in the clinical laboratory there for twelve years. Her family moved back to Greensboro and she taught hematology in the clinical laboratory school at Moses Cone Hospital then moved to the Area Health Education Center as a coordinator of continuing education programs for healthcare professionals. Libby also received a Masters of Education degree from UNCG in counseling. She has been a member of AAUW since 1997 and currently serves on the Board in her position as Past President of the Greensboro Branch.

**Lena Murrill Chapman** is the current president of AAUW, Greensboro, North Carolina. She is a former Curriculum Facilitator, Technology Facilitator, Library Media Specialist, adjunct professor and classroom teacher. She has been a member and leader of the American Association of University Women for more than four years. Lena is a graduate of Bennett College and North Carolina A&T State University where she received her MS in Instructional Technology. She is also a certified K-12 Library Media Specialist and has History and Language Arts certification as well.

Lena Murrill Chapman is one of the authors of the Library Media National Board Certification initiative. She was appointed by the Governor of North Carolina. Lena with twelve other librarians throughout the United States established the first guidelines and processes for the now popular licensure aspired by so many media specialists throughout the country.

Lena is currently the owner and Director of Programs at NANDLE Seminars and Digital Services. She provides leadership for presenters to work with participants on a variety of professional and personal skills. She is an advocate for helping others in need find ways of

acquiring knowledge for their personal and professional growth.  
“Education is a gift, the more we give the more we receive”.

**Cristina Moreira, PhD**, is originally from Brazil and is currently the Chair of the College/University Liaison Committee for AAUW Greensboro as well as Associate Professor of Biology at UNCG. Previously, Dr. Moreira served as Associate Professor of Biology at Bennett College where she taught Genetics, Molecular Biology, Botany and Evolution and also acted as the Project Director of the VA-NC Louis Stokes Alliance for Minority Participation (LSAMP) for this institution. She was the coordinator of the "Sisters&Brothers - in Science" initiative which unites Bennett's LSAMP scholars and their mentees at the Early/Middle College at Bennett and at Aycock Middle School.

Dr. Moreira attended the University of Florida in Gainesville where she received her Ph.D. in Horticultural Sciences working with citrus mitochondria inheritance. Prior to receiving her PhD, she attended the University of Sao Paulo in Brazil, where she received a M.S. and a B.S. in Agronomy.

**Laura B. Tew** has degrees in chemistry, marketing, and non-profit management, attending UNCG, Duke University, Pace University and Boston College. She began her career in process chemistry in 1973 and has held technical and management positions in chemical manufacturing for over thirty-five years. She was the first female plant manager for Olin Chemicals and was global Director of Stakeholder Directions for Arch Chemicals from 1999 to 2009.

After retiring in Greensboro in 2009, Mrs. Tew pursued several interests including master gardening, tax counseling, and women's advocacy. She is public outreach chair of AAUW Greensboro Branch. She is committed to STEM education and careers for girls. She believes that her personal experiences and success are due in large part to influential mentors who encouraged her along the way. With Triad Tech Savvy, she is passing that tradition along to future generations.

## **AAUW Greensboro Branch Volunteers**

Jenise Abdul-Razzaaq  
Denise Brown  
Janie Dominique  
Everlena Diggs  
Randi Francis  
Stephanie Ghotbi-Taheri  
Kelly Irvin  
Elaine Morehead  
Victoria Paterline  
Betty Rodriguez  
Mary Fran Schickedantz  
Ann Schwabeland

We appreciate the support of AAUW North Carolina and co-presidents:  
Cherrie Wheaton and Jane Terwillegar.

Our volunteers, donors, champions, family members, and colleagues are  
numerous and we thank them all.

### **2018-2019 AAUW Greensboro Branch Officers**

**President – Lena Murrill-Chapman** [Murrill2001@yahoo.com](mailto:Murrill2001@yahoo.com) 336-337-0686

**Past President – Libby Haile** [hailemartin@aol.com](mailto:hailemartin@aol.com) 336-274-4945

**Vice president/Program chair – Leona LaPerrier**

[leona@impressedwithlife.com](mailto:leona@impressedwithlife.com) 336-457-3605

**Treasurer – Millie Hoffler-Foushee** [hofffoush1108@gmail.com](mailto:hofffoush1108@gmail.com) 336-643-6689

**Secretary – Sue Metz** [spasmetz@gmail.com](mailto:spasmetz@gmail.com) 336-908-0013

**Membership Chair – Everlena Diggs** [diggwatk@aol.com](mailto:diggwatk@aol.com) 336-315-9880

**Public Outreach – Laura Tew** [Lauratew56@gmail.com](mailto:Lauratew56@gmail.com) 336-834-2743

**College and University Partnerships - Cristina D. Moreira, PhD.**

[cdmoreira@gmail.com](mailto:cdmoreira@gmail.com) 336-430-7106

**Nominating Committee - Mary Fran Schickedantz** [mfs2809@triad.rr.com](mailto:mfs2809@triad.rr.com)

336-299-6870

**Book Browsers – Mary Woodrow** [mandrwoodrow@aol.com](mailto:mandrwoodrow@aol.com) 336-316-1339

**Hospitality Committee – Ann Schwabeland** [Schwabeland@att.net](mailto:Schwabeland@att.net) 336-288-6252

AAUW GREENSBORO 2018-2019 MEMBERSHIP APPLICATION

Date of Application: \_\_\_\_\_

Name (please print): \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Home Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Degree: \_\_\_\_\_ Major: \_\_\_\_\_

College: \_\_\_\_\_

Year: \_\_\_\_\_

Work Status:  Retired  Full-time  Part-time

Birthday MM/DD (Optional) \_\_\_\_\_

Referred by: \_\_\_\_\_

I attended this AAUW event: \_\_\_\_\_

AAUW National .....\$29.50; AAUW NC .....\$11.00

Greensboro Branch...\$13.00

**Total..... \$53.50 (\$26 tax deductible)**

**Please mail Application and Check for \$53.50**

**To: AAUW Greensboro Branch Treasurer, PO Box 10754,  
Greensboro, NC 27404 or call to make payment by phone.**



## Undergraduate and Graduate School College Women Participating in Triad Tech Savvy

**Oana Dumitrescu**, Python Programming Instructor, is originally from Romania and is currently pursuing her Master's degree in Computer Science at UNCG. She has a bachelor's degree in Pharmacy and decided to switch fields a couple of years ago. Her current technical interests are in Machine learning and Data Analysis. She would like to make a change that would result in more girls pursuing careers in computer science. With that hope in mind, she is volunteering to aid and teach students the beauty and joy of coding. [o\\_dumitr@uncg.edu](mailto:o_dumitr@uncg.edu).

**Ivanti Galloway**, Mathematics Specialist, graduate student at UNCG: My love for mathematics was evident even in elementary school. Though I loved learning in general, I was particularly attracted to math's rigor and nuances. However, upon taking calculus in high school, I realized I wasn't very good at it.

Despite my struggles in high school, there was nothing else I considered majoring in when I got to college. Even as an undergraduate I struggled in early math and statistics classes. Because I was dedicated to mastery of the subject, I put in long hours and pushed through headaches, earning not only my BS in applied mathematics but a MA in mathematics as well.

Now that I have a true understanding of what math really is and I understand the best way to be good at math (or any challenging subject) is to work hard and consistently. I believe almost anyone that does this can succeed in math. Despite all of my failures, I am currently earning a PhD in computational mathematics, because of my work ethic. [isgallow@uncg.edu](mailto:isgallow@uncg.edu)

**Peijia Ku**, Biomathematics Instructor, graduate student at UNCG: When I was little, I was attracted by the fantastic explanation of daily life phenomenon in the science books, just like revealing the truth of magic. Then I started loving thinking about what was the cool part behind the normal thing and decided to pursue science while I was in high school.

Considering the environmental problems in the globe, I decided to study in Environmental Engineering. I learned environmental remediation and how to control the quality of our air, water, and soil. While studying for my master's degree, I learned how the pollutants/toxins affect organisms and how metabolic mechanisms work inside the body.

I feel very lucky that I could come to UNCG for my Ph.D. study in Environmental Health Science, to do research on climate change and mercury cycling. I learned a lot from here, not only in knowledge but also in critical thinking. I am currently a Ph.D. candidate in Environmental Health Science in the Department of Biology. Keeping passion in Science makes you move forward! [p\\_ku@uncg.edu](mailto:p_ku@uncg.edu)

**Melika Osareh**, Biomathematics Instructor Assistant, freshman at UNCG: My interest in science is irrefutable, but the specific fields that impel by curiosity are starkly contrasting. In 9th grade, I began participating in the NC Science Olympiad astronomy event. For the three years that I studied for the tournament, I realized how I loved learning about the subject. I didn't win any of the contests and was told by my parents not to enter it again. However, it was not the prize that drove me, so I recommenced studying the wonders of our universe. I wanted to pursue a career in astronomy or astrophysics, but my sophomore year introduced me to another engaging subject: biomedical science.

I became involved in my biomedical science class and looked forward to it every day. Biomedical engineering sparked my enthusiasm for doing individual research and reading about advancements that could be made in the field. I knew that it was a field I would prosper in since it involved creativity, learning about biology, and problem-solving. But one issue remained: I still enjoyed studying astronomy. After years of debating on which path to take, I realized I was just closing my eyes to the future. Space expeditions are currently trying to solve problems on Earth and create a back-up plan for humans. Biomedical engineering can be used in spaceships to ensure the astronauts' health as they travel and that is what I aim to do.

I recommend that high-schoolers experiment with a large range of STEM fields so that they can get an idea about each one and which best suits them. They should take advantage of opportunities where they can learn about STEM fields and even get involved if possible.

**Aaliyah Wynn**, Intern and Lead Volunteer, and freshman at GTCC: My current road to STEM has been a long and windy one. I discovered that I enjoyed working with my hands and doing science experiments when I joined Science Olympiad in eighth grade. After I moved on, I kept my love for computers and decided to pursue it more during my sophomore year of high school. I took two levels of computer engineering and two levels of programming, as well as multimedia and webpage design and 3D Modeling during my junior and senior year respectively. In the late spring of my senior year, I was selected out of thousands nationally to participate in Google's Computer Science Summer Program on Coursera, where I was able to not only learn Java Programming and Software Engineering fundamentals but also learn technical interview prep and collaborate with other Computer Science students from around the country. Now that I have realized my potential and love for computer science and engineering, I am currently taking Gen Ed while also pursuing my AS so I can transfer and get my BA in Computer Science. Over the years, I have learned that it is okay if you aren't good at everything! I learned to fail, I learned to cry, but most importantly, I have learned to learn from myself and continue my passion. [Awynn0324@gmail.com](mailto:Awynn0324@gmail.com)

## **High School Volunteers Participating in Triad Tech Savvy**

Kimberly Brown	Biomathematics
Advika Kumar	Biomathematics
Suhani Ramchandra	Biomathematics
Christa Simaan	Biomathematics
Asmaa Alawbali	Group Leader
Sydney Barron	Group Leader
Sophia Carpenter	Group Leader
Blaine Haddis	Group Leader
Brandi Phillips	Group Leader
Ambica Ramchandra	Group Leader
Ananya Sharma	Group Leader
Hope Stephens	Group Leader
Dalal Ahmidouch	Python Programming
Josie Banner	Python Programming
Alicia Bao	Python Programming
Zoya Bawangaonwala	Python Programming
Amelia Irvin	Python Programming
Trisha Raj	Python Programming
Janice Wong	Python Programming
Lauryn Wynn	Photographer and Documentarian

## **Attendees at Triad Tech Savvy October 20, 2018 are from the following schools**

Allen Jay Preparatory Academy	Northwest Middle School
Brown Summit Middle School	Our Lady of Grace Catholic School
Caldwell Academy	Page High School***
Dudley Academy ***	Penn Griffin School of the Arts
Eastern Guilford High School *****	Piedmont Classical High School
Ferndale Middle School	Smith High School
Grimsley High School	Southwest High School
High Point Central High School	Southwest Middle School
Homeschool	Swann Middle School
Jamestown Middle School	Swann Middle School
Kernodle Middle School	The Academy at Lincoln
Kiser Middle School	The Middle College at UNCG
Newcomers School	Uwharrie Charter Academy
North Carolina Leadership Academy	Weaver Academy
North Davie Middle School	Welborne Middle School
Northern Middle School***	Western Guilford High School
Northwest Guilford High School	* schools sending more than one student

EARTH SCIENCE WEEK

October 14 – 20, 2018

<http://www.earthsciweek.org/contests>

NATIONAL CHEMISTRY WEEK

Chemistry is Out of this World

October 21-27, 2018

<http://www.cnc-ac.sites.acs.org/>

<https://www.acs.org/content/acs/en/education/outreach/ncw.html>

Annual UNCG Regional Mathematics and Statistics Conference

Saturday, November 3, 2018 <http://www.uncg.edu/mat/rmsc/2018/index.html>

National Center for Women in IT

Aspirations in Computing Award Application

Deadline November 5, 2018

<https://www.aspirations.org/>

North Carolina Science Festival

<https://www.ncsciencefestival.org/>

AAUW Greensboro Future STEM events

Watch for **SMART Code of Life**

<https://greensboro-nc.aauw.net/techevents/>

**This event is made possible by the following Collaborators and Sponsors**

Community Foundation of Greater Greensboro

Lincoln Financial Group

National Center for Women in IT

VF Corporate Foundation

UNCG Office of Research and Engagement

UNCG Department of Biology

UNCG Department of Computer Science

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