

GO BEYOND
IT IS FOR GIRLS SUMMER 2019

Girls Go Beyond

led by

Women Who Go Beyond

Each of our guest speakers for *IT Is For Girls* camp July 29 to August 2nd is representative of a unique career path. While not all degrees or academic preparation is in STEM, their careers involve technology. One works for a major tech firm recently acquired by IBM. Another works for a major manufacturer and authored a project engineering book. A third is grounded in the sciences, especially chemistry, but has taken her career into the advanced field of nanoscience. And then we have a “real IT” person who runs one of the biggest information technology services organization in the UNC system. Our capstone speaker on Friday, Laura Collins, has taken her career from the laboratory to the fields of intellectual property and technology transfer.

NOTES

American Association of University Women - IT Is For Girls Camp - July 29 to August 2, 2019										
Monday July 29 - CHECK IN					Tuesday July 30					
7:45	Room 032 - Speaker Brandi Nicole Johnson					8:00 Room 032 Speaker: Alyssa Wharton:				
8:00	Learning and Development Facilitator					Film Tech Squared Overview Presentation				
	Grp 1	Grp 2	Grp 3	Grps 4,5	Group 1	Group 2	Group 3	Group 4	Group 5	
8:45	Build IT	Kodu	IoT	App design	Build IT	Kodu	IoT	App design	Robotics	
	Aaliyah	Aleah	Sanvi	Serenity	Aaliyah	Aleah	Sanvi	Serenity	Christa	
10:15	Kodu	IoT	App design	Build IT	Room 063	Ottoman	Lab 177	Citi Lab	DMC	
	Aleah	Sanvi	Serenity	Aaliyah						
11:45	11:45 to 12:30 Lunch					11:45 to 12:30 Lunch				
12:30	IoT	App design	Build IT	Kodu	12:30 to 4:00 Enrichment					
	Sanvi	Serenity	Aaliyah	Aleah	Group 1 and 2		Group 3 and 4		Group 5	
2:00	App design	Build IT	Kodu	IoT	Robots On The Run		Film Tech Squared		Film Tech Squared	
	Serenity	Aaliyah	Aleah	Sanvi	Digital Media Commons		Digital Media Commons			
3:30	Room 032 Robotics with Christa Overview					4:00 Return to Lecture Hall				
4:30	SEE YOU TOMORROW					4:30 SEE YOU TOMORROW				

American Association of University Women - IT Is For Girls Camp - July 29 to August 2, 2019										
Wednesday July 31					Thursday August 1					
8:00 Room 032 Speaker: Sherine O. Obare, PhD Dean, Joint School of Nanoscience and Nanoengineering					8:00 Room 032 check in					
					8:20 Proceed directly to the class sessions					
Group 1	Group 2	Group 3	Group 4	Group 5	Group 1	Group 2	Group 3	Group 4	Group 5	
Build IT	Kodu	IoT	App design	Robotics	Build IT	Kodu	IoT	App design	Robotics	
Aaliyah	Aleah	Sanvi	Serenity	Christa	Aaliyah	Aleah	Sanvi	Serenity	Christa	
Room 063	Ottoman	Lab 177	Citi Lab	DMC	Room 063	Ottoman	Lab 177	Citi Lab	DMC	
11:45 to 12:30 Lunch					11:45 to 12:30 Lunch					
12:30 to 4:00 Enrichment					12:30 to 4:00 Enrichment					
All Groups - IT Careers with Dr. Donna Heath and Team					Group 1 and 2		Group 3 and 4		Group 5	
					Film Tech Squared		Robots On The Run		Film Tech Squared	
					Digital Media Commons		Digital Media Commons			
4:00 Return to Lecture Hall					4:00 Return to Lecture Hall					
4:30 SEE YOU TOMORROW					4:30 SEE YOU TOMORROW					

8:00 Room 032 Film Tech Squared Short Film										
Speaker: Roopa Shenoy, Volvo Director, Product Strategy Volvo Trucks North America.										
Group 1		Group 2		Group 3		Group 4		Group 5		
Build IT	Kodu		IoT		App design		Robotics			
Aaliyah	Aleah		Sanvi		Serenity		Christa			
Room 063	Ottoman		Lab 177		Citi Lab		DMC			
11:45 to 12:30 Lunch										
12:30 to 2:00 Group project presentations First Floor Lab 177 and Lower Level Ottoman Area										
2:00 GROUP PHOTOS in front of Jackson Library					2:30 Assemble in Room 032 Lecture Hall for closing presentations and ceremony					
Speaker, Laura Collins, patent attorney NC A&T SU										
4:00 SEE YOU NEXT YEAR										

NOTES

Brandi Nicole Johnson

Learning and Development Facilitator,
REDHAT.COM, world's leading provider of enterprise
open source software solutions
(919) 417-3380

brandi@brandisays.com



Brandi Nicole Johnson is an award-winning international speaker, facilitator and coach. Currently, Brandi remains focused on her passion for developing the world's next generation of leaders and creating experiences that transform lives.

Prior to founding Purpose Prevails and joining Red Hat as a Learning and Development Facilitator, Brandi climbed the ultimate career ladder in the nonprofit sector. She went from Intern to Executive Director in less than a decade and all before the age of 30. Brandi spent most of her career at the Center for Creative Leadership, a globally ranked, internationally known provider of leadership development, research, and executive education.

Brandi was a winner of an AAUW Career Development Grant in 2018-2019.

Brandi is a Lifetime Member of Girl Scouts and was the first person of color who led StartingBloc's Board of Directors. In 2005, Brandi was awarded the Girl Scout Gold Award, the highest honor in Girl Scouting. Over the last 24 years, by either appointment or election, Brandi has served Girl Scouts in more than 10 leadership roles at global, national and local levels of the organization. In 2016, the *Triad Business Journal* named Brandi one of the Top 40 Leaders Under 40 and she was profiled by Made in Greensboro.

Brandi has degrees in Political Science and Communication Studies from the University of North Carolina at Greensboro. She loves consuming food that is life changing and asking provocative questions that inspire action.

NOTES



Sherine Obare

Dean, Joint School of
Nanoscience of the
University of North Carolina
Greensboro and A&T State
University

(336) 285-2800

soobare@ncat.uncg.edu

Dr. Sherine Obare, dean of the Joint School of Nanoscience and Nanoengineering is a fellow of the American Chemical Society in recognition of her outstanding achievements in the field of chemistry.

Obare's research and leadership work has been recognized internationally and fostered collaborations across the disciplines of chemistry and environmental engineering. She has received the National Science Foundation CAREER Award and she was named one of the top 25 women professors in the state of Michigan by Online Schools Michigan.

Her research focuses include environmental remediation, alternative energy, designing nanoscale materials for drug delivery, improving healthcare, and developing strategies to improve STEM education.

She's served previously as associate chair of chemistry and graduate advisor at Western Michigan.

She earned her B.S. in chemistry with a minor in biology from West Virginia State University and her Ph.D. in inorganic/analytical chemistry from University of South Carolina. Her postdoctoral education in chemistry and environmental engineering was completed at The Johns Hopkins University.

NOTES

Donna Heath

Vice Chancellor of Information
Technology Services, University of
North Carolina at Greensboro
(336) 334-5092
drheath@uncg.edu

M.S., North Carolina State University
B.S., East Carolina University

Information Technology Services (ITS) is UNCG's central technology organization, providing computing, communications, and data services, and consulting with UNCG faculty/staff/students on technology. ITS is responsible for planning and management of the transmission and utilization of data, voice, and video, in support of the university's academic and administrative goals. Donna Heath is the founding partner and core team member of the Tri-Gig High Speed Broadband Initiative, a cooperative effort between the City of Greensboro, Guilford County, the City of High Point, the City of Burlington, NC A&T State University, UNCG, and the Piedmont Triad Regional Council.



- developed the first recurring financial plan in the UNC system to fund the ongoing annual refresh of critical campus network equipment
- completed major enterprise systems infrastructure re-architecture to standardize server operating systems and virtualize server hardware
- built collaborative partnerships to host the Blackboard LMS for several UNC System schools (including NC A&T, The School of the Arts, and Fayetteville State University)

NOTES

Roopa Shenoy

Director Product Strategy, Volvo Trucks North America
(336) 393-2000

Roopa.shenoy@volvo.com

Master of Business Administration (MBA) Kenan Flagler Business School
University of North Carolina
Chapel Hill

Master of Science Electrical Engineering North Carolina State University

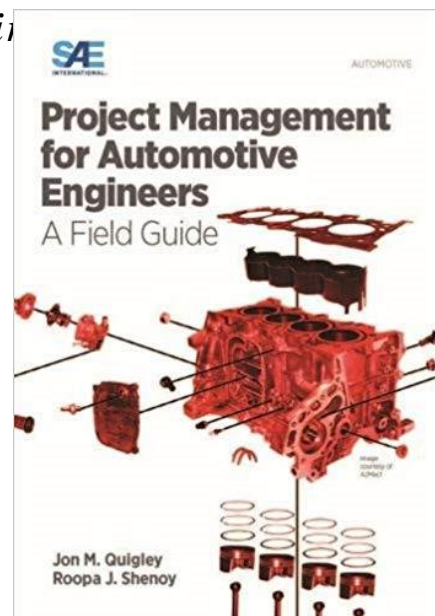
Roopa was born in Bokaro Steel City, India. She is an accomplished engineer, project manager, author, engineering manager, and an entrepreneur.

- invented Kryptick, a social messaging app for IOS and Android platforms.
<https://www.kryptick.app/#!>
- Led multiple critical projects for Volvo Trucks with budget ranging over \$250M.
- Founded *Women in Engineering* for Volvo North America site, which is active in multiple outreach events in local community to create awareness about STEM



2018 Top Woman to watch for in Transportation” by *Women in Trucking*

Co-Author of *Project Management for Automotive Engineers*



Lives in Oak Ridge, North Carolina with her husband, Anil Shenoy, and their two children.

NOTES



Laura Collins

Director of Intellectual Property and
Patent Agent, North Carolina A&T
State University

•336 285-3188

•collin1@ncat.edu

Undergraduate degrees in chemistry, with
honors, and history from Bryn Mawr
College, Pennsylvania

Ph.D. in Chemistry from UNC Chapel Hill.

Dr. Laura Collins serves as the licensed patent agent for N.C. A&T and as the intellectual property liaison between the Vice Chancellor for DORED and agencies, businesses and law firms hired for patent prosecution and licensing. She is responsible for reviewing all requests for patent licensing with regard to protection of the university's intellectual property. She evaluates submissions of preliminary ideas and invention disclosures to determine the feasibility of filing for patents on behalf of principal investigators and the university. She also works with faculty to evaluate the innovative merit of proposed research programs.

Before joining the Office of Outreach and Economic Development in 2010, Laura spent 10 years with intellectual property law firms. As a patent agent and scientific advisor, she prosecuted foreign and domestic patent applications on topics, including radiolabeled antibodies, small molecule and biotech therapeutics, microfluidic devices, activated carbons used in electric double layer capacitors, and silicon inks used in printed electronics. She also conducted inventorship investigations, as well as freedom to operate and prior art landscape analyses.

She is registered to practice before the U.S. Patent and Trademark Office and is a member of the American Chemical Society.

NOTES

IT Is for Girls 2019

Leaders and Volunteers

Sanvi	Korsapathy	BEYOND THE SCREEN - LEADER
Janice	Wong	BEYOND THE SCREEN
Kimberly	Brown	BEYOND THE SCREEN
Hope	Stephens	BEYOND THE SCREEN + ROBOTICS
Suhani	Ramchandra	BEYOND THE SCREEN + ROBOTICS
Aaliyah	Wynn	BUILD IT, LEADER
Audrey	Toney	BUILD IT
Grace	Fei	BUILD IT
Sulaf	Ali	BUILD IT
Wahab	Ayah	BUILD IT
Jessica	Spencer	BUILD IT + ROBOTICS
Alyssa	Wharton	FILM TECH SQUARED – LEADER
Kaushya	Bhattu	FILM TECH SQUARED
Kavya	Vadla	FILM TECH SQUARED
Lauryn	Wynn	FILM TECH SQUARED
Aleah	Brown	GIRLZ CODE IT - LEADER
Anika	Suman	GIRLZ CODE IT
Lori	Brown	GIRLZ CODE IT
Navya	Belavadi	GIRLZ CODE IT
Riya	Kannan	GIRLZ CODE IT
Serenity	Phillips	REINVENT IT - LEADER
Alicia	Bao	REINVENT IT
Darah	Davis	REINVENT IT
Maggi	Mugi	REINVENT IT
Christa	Simaan	ROBOTICS - LEADER
Rithika	Jonnalagadda	ROBOTICS
Zoya	Bawangaonwala	ROBOTICS

The American Association of University Women (AAUW) Greensboro is a membership organization in affiliation with AAUWNC.org AAUW.org. The following members have provided significant support for IT Is For Girls summer camp 2019 at UNCG.

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

Laura Tew, STEM, outreach coordinator and president-elect
Lena Murrill-Chapman, branch president
Barbara Carter, STEM committee
Cristina Moreira, STEM committee
Marlene Pratto, STEM committee
Mary Fran Schickedantz, STEM committee
Ann Schwabeland, hospitality committee
Stephanie Ghotbi-Taheri, STEM committee
Libby Haile, college/university committee chair
Denise Brown, Treasurer
Millie Hoffler Foushee, Treasurer assistant
G. Elaine Morehead, Volunteer

AAUW Greensboro is profoundly appreciative of our collaborative partner UNC Greensboro, Chancellor Franklin Gilliam, and Dean Martin Halbert of the University Libraries, without which this camp would not have been possible.

GO BEYOND

IT IS FOR GIRLS SUMMER 2019

