CANSBE Jr. MONTHLY

Latest News and Updates

October 2024

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Hello Students & Parents!!

Thank you for your interest in the Central Alabama chapter of NSBE Jr.(CANSBEJr.)!!

NSBE Jr. is a program created to promote the goal of the National Society of Black Engineers (NSBE) Pre-College Initiative to ignite a passion for STEM (science, technology, engineering, and mathematics) in young minds grades K through 12th.

CANSBE Jr. is centered on allowing students to discover how engineering and technology relate to the world around them through hands-on activities, while also providing opportunities for them to develop leadership and teamwork skills. Other opportunities available include networking, college preparedness, scholarships, and competitions.

We are delighted to see you as part of our community and look forward to a great year!!



Upcoming Events What's In Store for CANSBE Jr.!!

NSBEJr. STEM MEETUP | Sunday, Oct. 20, 2024 DIY Glow In The Dark Lava Lamp

This month's project will be truly luminous!! DIY Glow in the Dark Lava Lamp is designed to engage students in hands-on learning while exploring fundamental concepts in chemistry and critical thinking. This project will demonstrate the principles of density, solubility, and chemical reactions. Students will observe how different substances interact with each other and the effects caused, such as the movement of a lava lamp. Come out and join the fun!!

3:00 P.M. – 5:00 P.M. 311 Mendel Parkway West Montgomery, AL 36117

CANSBEJr. Announcements

CANSBEJr. Executive Board Application Now Available!!

We are seeking passionate and dedicated students to join our 2024-2025 Executive Board!! This is a great opportunity to take on leadership roles, collaborate with peers, and make a positive impact within our organization. The E-Board, along with Advisors, are responsible for planning activities and guiding our overall mission. If you're interested in making a difference and have ideas to share, we encourage you to apply!! Application will open Friday, October 11.

Be on the lookout for more information about the available positions and details on how to apply. We look forward to working together to make this year a success!!

CANSBEJr. Announcements (Continued)

November 8 – 10, 2024 | Birmingham, AL Region 3 Fall Regional Conference Registration Now Open!!

Get in on the fun at the Region 3 FRC in Birmingham, Alabama at the Birmingham Jefferson Convention Complex (BJCC)!! This is your chance to dive into a weekend of excitement, learning, and connections. You'll have the opportunity to attends workshops and competitions, while also discovering resources to fuel your passion for STEM.

Registration is now open!! But hurry- prices increase the longer you wait!! Remember, national members get a sweet discount!! If you're interested in attending, please complete the Interest Survey by <u>Sunday, October</u> 20, 2024 that can be found at the following link: Region III FRC Field Trip Interest Survey

		Early Bird Registration (Oct. 7 – Oct. 11)	General Registration (Oct. 14 – Nov. 7)	Late (On-Site) Registration (Nov. 8 – Nov. 10)
National NSBEJr.	Child (Age 3 – 7)	\$15	\$15	\$15
Member	Youth (Grades 3 - 12)	\$45	\$70	\$90
Rates	Advisor/Chaperone	\$50	\$80	\$120
Non-Member	Collegiate/NSBEJr./	¢1E0	\$210	\$20E
Rates	Professional	\$150	\$210	\$285

Professional Highlight One Fourth Careers | Career Journey Stories

In this episode of One Fourth Careers, meet Irene! Irene graduated from Ohio State University with a B.S.(Bachelor of Science) in Biological Engineering in 2019. She now works as a Technology Consultant at Accenture, a global consulting and technology company.

Irene | Technology Consultant

One Fourth Careers Podcast provides career pathway overviews and personal testimonies from people working in various industries and roles. This podcast prioritizes representation and focuses on providing career exposure and actionable steps from the prospective of historically underrepresented and underserved individuals.

Host Xzavier Brandon, native of Greenwood, MS, earned his B.S. in Mechanical Engineering in May 2020, and is currently a Strategy Consultant with Accenture. He hopes that this podcast will help others find professional clarity, as he believes "professional satisfaction contributes to at least one-fourth of our happiness."

Headquarter & Regional Announcements



Join NSBE's Pre-College Virtual Workshop Series with International STEM League, Inc.! These events are open to students in grades 9 – 12. Check out the monthly topics above!!

Apply Here.

Session Information		
Oct. 9 @ 6 P.M. CST	Cyber Defense T.E.A.M.S	
	Play to I.D. threats & ensure your team's security.	
Nov. 13 @ 6 P.M. CST	1. CST Robots on Your Resume	
	Intereact with a real robot dog. Apply to join project testing.	
Dec. 11 @ 6 P.M. CST	Build a Personal Brand	
	Design a landing page to start your digital portfolio.	
Jan 8 @ 6 P.M. CST	Launch Your Own Store	
	Learn to create & market your first product.	
Feb 12 @ 6 P.M. CST	Useful Ethical A.I.	
	Generate CLEAR prompts that help train a 'bot.	

Headquarter & Regional Announcements (Continued)



Join us to learn more about health and wellness! Oct. 11 & Oct. 25, 2024 @ 10 A.M. – 11 A.M. EDT

Instagram Live @nsbe jr



Join us for our NSBE Jr Town Hall!! Oct. 15, 2024 @ 9 P.M. – 10 P.M. EDT

Join Here

The More You Know!! Fun Facts

Human Body	Animals	Alabama
The human nose can detect about 10,000 different smells!!	The ears of the African Elephant can grow up to 6 feet long!!	Lake Martin is the largest man- made lake in Alabama covering 41,150 acres!!

Mission:

To increase the number of culturally responsible Black Engineers who excel academically, succeed professionally, and positively impacy the community.

Vision:

We envision a world in which engineering is a mainstream word in homes and communities of color, and all Black students can envision themselves as engineers. In this world, Blacks exceed parity in entering engineering fields, earning degrees, and succeeding professionally.