2024 STEM Symposium

Clayton State University - College of Information and Mathematical Sciences

The College of Information and Mathematical Sciences at Clayton State University held their third annual Symposium "Advancing Social Mobility Through STEM" in March of 2024. The two-day event focuses on advancing social mobility through STEM and will feature presentations by guest lecturers, faculty, and current students, plus panels covering topics for both current students and alumni. The Symposium hosted nearly 800 students, faculty, alumni, and industry leaders. The Symposium helped create undergraduate scholarships for CSU students in STEM.

Key Note Speakers:

Commissioner Jerica Richardson represents the eastern part of Cobb County which includes Smyrna, Vinings, East Cobb, Cumberland CID, and other parts of unincorporated Cobb County. Her platform is predicated on the idea that when we are connected, we can empathize, and overcome any challenge. Being a diverse metro county, her primary goal is to use the challenges the county faces to elevate conversations that communities around the country should be having. Such challenges on the horizon include rapid and diverse growth, balancing development demands, environmental stability and technology, discrimination, trust in law enforcement, recession-proofing the community, and long-term wealth gaps and inequality. She believes in working closely with the community and that there are only permanent interests in advancing public welfare. As a private citizen, Jerica is a Georgia Tech graduate in Biomedical Engineering, and works full time as a Program Manager at Equifax. She is also a small business owner and author.

Shane Bell is a Georgia native who grew up near Atlanta. He earned a bachelor's degree in history and a Master of Arts in Liberal Studies from Clayton State University. Shane worked for The National Archives as a student employee beginning in 2007 and joined the agency full time in 2011. In his years with NARA, Shane gained experience working with a wide variety of federal records and performing numerous duties in the archival field. His main areas of focus include records from NASA and the Atomic Energy Commission. He has compiled finding aids for federal holdings related to The War of 1812, the 19th century illegal slave trade, the Civil War, The Manhattan Project, and 20th century science and technology. In 2022 Shane became NARA's Subject Matter Expert (SME) archivist for agency-wide NASA and related records.

David Byrd is an accomplished leader and technical executive focused on driving customer success at global enterprise clients via cloud, hybrid, and on-premises solutions. He is a Georgia native and alumni of Clayton State University. David has been at Google Cloud for three years as the Global Lead for Assured Support and Cloud Support Atlanta Site Lead. Before his current role with Google, David was a Distinguished Engineer at IBM for
over 20 years. Throughout David's three-decade career, he has had the opportunity to travel the world working with a wide range of customers. He has co-authored numerous technology books and presented at various global events.

Thank You! 2024 Symposium Industry Sponsors

- **Silver Sponsorship (5K-20K):** Mai1Chimp, Intuit
- **Bronze Sponsorship (1K-5K):** Colonial Pipeline, ADP, Metro Atlanta Chamber, Atlanta Gas Light, Coca-Cola

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Thank You! Planning Team
Symposium Planning Committee

Penelope Cliff Committee Chair , Louisa Catalano, Committee Chair, Ebrahim Khosravi, Committee Member, Genesis Polo, Committee Member, Christopher Morgan, Committee Member, Dr. Elliot Krop, Committee Member, Shuju Bai, Committee Member, Esther Fontin, Committee Member, William Carroll, Committee Member, Dmitriy Beznosko, Committee Member, Clint Edmunds, Committee Member, Connor Wright, Committee Member,Cassandra Parker, Committee Member

Judges for Student Poster Session
Shane Bell, David Byrd, Elliot Krop, Shuju Bai, Christopher Raridan, Dima Beznosko, and Tatiana Krivosheev

Student Volunteers
Ausjuan Hinton, Riley Truong, Christopher White, Zainab Sesay, Joshua Bandoo, Cheikh Cisse, Angie Cruz, Chandaneath Kimroth, Kossi Sessou, Arianna Banton, William Faircloth, Amylynn Bui, Erlinda Carroll, Hassan Stewart, Abraham Duarte, Salematou Tounkara, Kamille Risby, Kaitlynn Cassidy, Jamillah Salahuddin, Chris Taylor, Tia Price, Paula Nguyen, JaQuez Rozier, Armani Allen, Jonathan Clement

Athletic Center- Loch and Mason Barfield Court- 2000 Clayton State BLVD. Morrow, GA 30260

Time	Event	Athletic Center
8:00am-9:00am	Event Check-In	Athletic Center
9:00am-9:30am	Welcome Host: Joshua Roca	Dean: Dr. Ebrahim Khosravi President: Dr. Georj Lewis Symposium Dean Welcome
9:30am-10:00am	Keynote Speaker	Cobb County Commissioner: Jerica Richardson
10:00am-10:20am	Student Presentation	Joshua Roca & Anna Marie Tinsley Conversational Sentiment
10:20am-10:50am	Industry Partner Presentation	Brandon Perry & Tryce Robinson- ADP
10:50am-11:10am	Student Presentation	Jonathan Clement Automative Farming Project
11:10am-11:40pm	Industry Presentation	Atlanta Gas Light- Wilkin Lara Mateo & Dennis L. McGouirk
11:40pm-12:00pm	Faculty Presentation	Dr. David Plaxco
12:00pm-1:00pm	Lunch	On Your Own
12:00pm-1:00pm	STEM Advisory Council Meeting By Invitation	Athletic Center Meeting Room
1:00pm-2:00pm	Student Poster Session	College of STEM Students
2:00pm-3:00pm	Industry Leader Panel	Brandon Perry- ADP, Justin Haight- Metro Atlanta Chamber, Shane Bell- Nara Jonathan Kyle- Intel, Wilkin Mateo & Dennis McGouirk- Atlanta Gas Light David Byrd- Google
3:00pm-3:15pm	Break	
3:15pm-3:45pm	Industry Partner Presentation	David Byrd- Google
3:45pm-4:05pm	Faculty Presentation	Dr. Clint Edmunds
4:05pm-4:30pm	Student Presentation	Kossi Sessou Digital Bulletin Board
4:30pm	Symposium Day 1 Closing	Dean Khosravi and Chairs

Symposium Banquet and Awards

The Loch and Mason Barfield Court : Athletic Center 2000 Clayton State BLVD Morrow, GA 30260

March 27, 2023 - 5:00pm-7:30pm	Keynote Address	David Byrd
	Awards and Recognition	Dean: Dr. Ebrahim Khosravi

Thursday, March 28, 2024. K- 12 STEM Exploration
The Loch and Mason Barfield Court : Athletic Center 2000 Clayton State BLVD Morrow, GA 30260

Time	Event	Athletic Center
9:00am-9:30am	Event Check-in	Athletic Center
9:30am-9:45am	Welcome Host: Anna Marie Tinsley	Dean: Dr. Ebrahim Khosravi VP for Enrollment Marketing and Student Success- Ashlee Spearman
9:45am-10:15am	Keynote Address	Nara's Subject Matter Expert (SME) Archivist- Shane Bell
10:15am-10:30am	STEM Programs and Scholarships	Department Chair of Mathematics: Dr. Elliot Krop Department Chair of Computer Science: Dr. Shuju Bai Biology/Chemistry/Physics : D.r Paul Melvin, Aubrey Dyer, Dmitry Beznosko
10:30am-10:45am	CSTEMSS Student/Alumni Panel	CSIT & Mathematics, Archives Physics, Chemistry, Biology
10:45am-11:00am	Enrollment Information	Admissions Financial Aid Housing
11:00am-12:45pm	STEM Activities	Campus Tour STEM Competition- UC327 Exploration Stations
12:45pm-1:30pm	Farewell with Lunch	Dean Khosravi & Symposium Chairs Athletic Center

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STEM Activities - (11:00 am-12:45 pm)

Group I - Blue: (Tour, STEM Competition, Robotics, Chess, 3D printing, Cubic Games)
Group II - Orange: (STEM Competition, Cubic Games, 3D Printing, Chess, Robotics, Tour)
Group III - Yellow: (3D printing, Robotics, Tour, STEM Competition, Cubic Games, Chess)
Group IV- Red: (Robotics, Chess, Cubic games, 3D Printing, Tour, STEM Competition)