2022 CIMS Symposium

Clayton State University - College of Information and Mathematical Sciences

The College of Information and Mathematical Sciences at Clayton State University held their first annual Symposium "Innovations in Technology and Mathematics in March of 2022. The two-day event focuses on innovation in technology and mathematics 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 350 students, faculty, alumni, and industry leaders. The Symposium helped create undergraduate scholarships for CSU students in STEM.

Key Note Speakers:

Erin Fusaro, VP of Engineering, lives to challenge the status quo; a New England native, Erin started her career 15 years ago first as an analyst and then as a software engineer working on big data problems in both start-ups and major enterprises. After moving to Atlanta, she joined Mailchimp to help establish the vision around data technologies and products. Later, Erin's knack for navigating change and her ability to guide late stage start-ups in their rapid growth was felt at Atlanta unicorn Greenlight Financial Technologies where she was VP of Engineering. In late 2021 Erin joined Chipper Cash as VP and Head of Engineering, where she is devoted to the mission of bringing financial technology and opportunity to the African diaspora. When Erin's not busy being a change agent in technology, she enjoys spending time with her husband and 4 year old daughter, and is a competitive horseback rider.

Tony Yaacoub, Manager of the Pricing and Inventory Optimization Team at Delta Air Lines, leads the research and development of pricing and inventory solutions for revenue optimization and better customer experience. Prior to his current role, Tony held several data science roles within Delta Air Lines and Amazon. Tony received a B.S. in Mathematics from Clayton State University, a M.S. in Mathematics from Georgia Southern University, and a Ph.D. in Industrial Engineering from Georgia Institute of Technology. He has published several articles in the areas of sequential detection and estimation, verification and validation of simulation modeling, and graph theory.

David Byrd, Cloud Support Atlanta Site Lead, is an accomplished leader, manager, and technical executive focused on driving customer success at global enterprise clients via cloud, hybrid, and on-premises based enterprise-class solutions. He is a GA native and alumni of Clayton State University taking evening classes as a nontraditional student. David joined Google a year ago chartered with building out a new support team in Atlanta, and before this role, he was with IBM for over 22 years as a Distinguished Engineer. Throughout David's three-decade career, he has had the opportunity to travel the world working closely with a wide range of customers. He has co-authored numerous technology books and presented at various global events.

Thank You! 2022 Symposium Industry Sponsors

· **Gold Sponsorship (>20K):** MailChimp, Intuit

· **Silver Sponsorship (5K-20K):** Intel

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Thank You! Planning Team

Symposium Planning Committee
- Elliot Krop, Chair
- Ebrahim Khosravi, Committee Member
- Connie Chanthraboutda, Committee Member
- Jillian Morgan, Committee Member
- Shakia Pledger, Committee Member
- Mary Johnson, Committee Member
- Christopher Morgan, Committee Member
- Shuju Bai, Committee Member
- Bridgette McDonald, Committee Member
- Kacie Kilpatrick, Committee Member

Judges for Student Poster Session
- Elliot Krop, Professor of Mathematics
- Keith Driscoll, Assistant Professor of Mathematics
- Shakil Aktar, Professor of Computer Science and Information Technology
- Xiangdong An, Assistant Professor of Computer Science and Information Technology

Student Volunteers
- Fatim Diaby
- Adriana Arce-Villa
- Christopher White
- Brenda Jimenez
- William Carroll
- Jonathan Clement

Thursday, March 17 - Research and Career Development

Check-in	8:00 am - 9:30 am	Spivey Hall (Upstairs)

Welcome
   Dr. Ebrahim Khosravi - Dean, CIMS
   Dr. T. Ramon Stuart – President
   Dr. Jill Lane - Provost
	9:30 am - 10:00 am	Spivey Hall

Keynote Address Ms. Erin Fusaro	10:00 am - 10:45 am	Spivey Hall

Faculty Presentations
   Dr. Shakil Akhtar
   Dr. Ken Nguyen
   Dr. David Williams
	11:00 am - 12:30 pm	Spivey Hall

Student Poster Session	12:30 pm - 2:00 pm	Spivey Hall (Atrium)
Lunch (On Your Own)	12:30 pm - 2:00 pm	

Faculty Presentations
   Dr. David Plaxco
   Mr. Joshua Kitchens
	2:00 pm - 3:00 pm	Spivey Hall

Industry Panel Discussion	3:30 pm - 4:30 pm	Spivey Hall

Banquet Celebration
   Keynote Address
      Dr. Tony Yaacoub
   Awards & Recognition
      Dr. Ebrahim Khosravi
	5:30 - 7:30 pm	Student Activity Center (SAC) Ballrooms A & B

Friday, March 18 - K-16 STEM Exploration

Check-in	8:30 am - 9:30 am	James M. Baker University Center (UC)
Dr. Ebrahim Khosravi - Dean, CIMS	9:30 am - 9:40 am	UC 322
Keynote Address Mr. David Byrd	9:40 am - 10:15 am	UC 322

Presentations
   Dr. Elliot Krop
   Dr. David Plaxco
   Mr. Dellius Alexander (student)
   Mr. Austin Daigle (student)
	10:15 am - 10:45 am
	10:45 am - 11:15 am
	11:15 am – 11:35 am
	11:35 am - 11:55 am
		UC 322

Closing Remarks	11:55 am - 12:00 pm	UC 322
Lunch	12:00 pm - 1:00 pm	UC 322
Dismissal	1:00 pm	