

NEWSLETTER

SPRING 2022 - VOLUME 1(1)

CLAYTON STATE UNIVERSITY - COLLEGE OF INFORMATION AND MATHEMATICAL SCIENCES

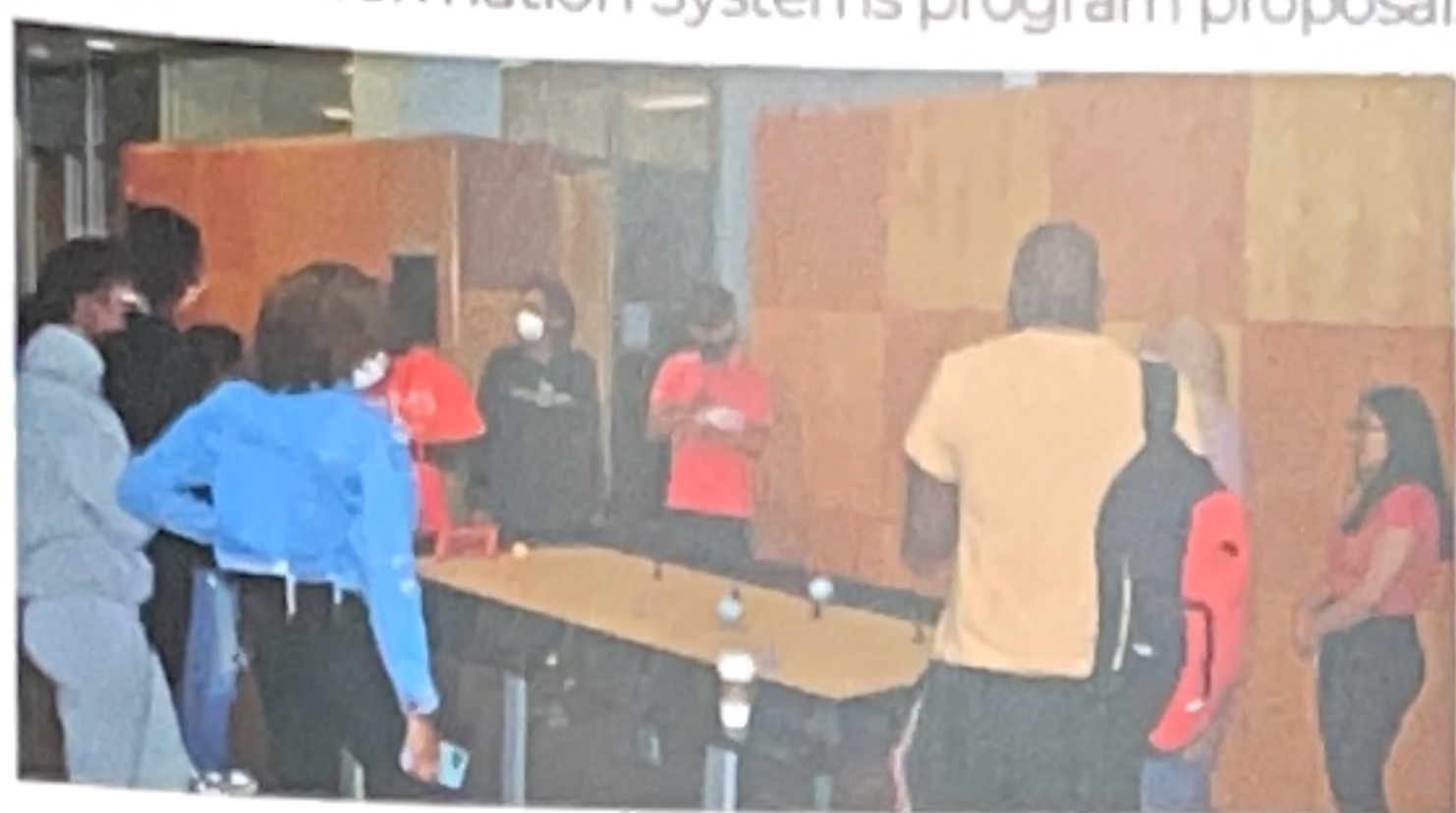
CIMS New Program Update

New Program:

Master of Science in Cyber Technology (MSCT) program has been approved and will be launched in Spring 2022. MSCT is designed to enable both traditional students and working adults to pursue graduate education in the field of cyber technology.

Upcoming New program:

CSIT faculty continues the effort of developing graduate program, working on the Master of Science in Information Systems program proposal.



New Facilities:

Three laboratories have been established in CIMS, Data Analytics Laboratory, Cyber Security Laboratory, and Robotics Laboratory.

MOST POPULAR UNDERGRADUATE MAJORS

Health Sciences	1,072	[17.4%]
Psychology & Human Services	438	[7.1%]
General Business	290	[4.7%]
Computer Science	258	[4.2%]
Biology	249	[4.0%]

New Industry Partners

- Mailchimp/ Intuit
- ADP
- TDK Components Inc.
- Intel
- Google

2022-2024 Advisory Council

Ken T. Takekawa, TDK Components USA
President/CEO (Chair)

Christina Sarabia, TDK Components USA HR
Manager Capacitor's Business Group

Vicki Bodman Mailchimp, Vice President of
Engineering and Senior Director of Engineering

David Byrd, Google Site Lead, Technical Solutions
Engineer, Google Cloud

Mahesh Sogal, Vice President - Delta Airlines IT
Transformation and International Technology
Atlanta Metropolitan Area and Managing Director
and Member of Board, DAL Global Technology Hub
LLP

Lina Hatfield, University Relation, Nationwide, One
Nation Plaza

Brandon Perry, Talent Acquisition, ADP

Thomas, LaQuitta A, Texas Instrument (IT), Dallas
Texas

CIMS Faculty Spotlight



Dr. Elliot Krop is a Professor of Mathematics who had two publications this year: Upper bounds for inverse domination in graphs, Elliot Krop, Jessica McDonald, and Gregory Puleo, Theory and Applications of Graphs 8 (2) (2021); Grundy domination of forests and the strong product conjecture, Kayla Bell, Keith Driscoll, Elliot Krop, Kimber Wolff, The Electronic Journal of Combinatorics 28(2) 2021, #P2.12.

Faculty in the Computer Science and Information Technology department have successfully secured several grants. Three faculty members, Dr. Shuju Bai, Dr. Ken Nguyen, and Dr. Shakil Akhtar, won the President's Research and Creative Endeavors Mini Grants. Dr. Bai as PI, together with Co-PIs (Dr. Junfeng Qu, Dr. Byron Jeff, and Ms. Batavia Sumlin) won two grants from GenCyber Program of NSA/NSF.



The MAS program has been included in the second round of the Public Broadcasting Preservation Fellowship. This fellowship program provides funding, training and mentorship for CSU MAS students in digitization and digital preservation of audio visual materials. For 2022 - 2023, two CSU MAS students will participate in this fellowship program.

AIS program Director, Joshua Kitchens, presented as part of the first annual Fox Theatre Archives Night, which was a partnership between the Atlanta History Center and Fox Theatre Institute, on June 16, 2022. This event focused on discussing the records, documents and objects that document the 90 plus year history of the Fox Theatre. The MAS program has been a partner with the Fox for three years. This partnership has including hosting internships in the Fox Theatre Archives.

<https://www.atlantahistorycenter.com/event/fox-theatre-archives-night/>

Student Spotlight

Michelle Melton, a Senior working towards a BS in Computer Science and minor in Mathematics. The student will participate in the NASA Minds Program.

Juwan Hollingsworth is a Computer Science major at Clayton State University. Juwan has accepted an internship with COX Automotive.

Tram Nguyen is currently studying abroad in France where she is continuing her research from Summer 2021 as well as taking quantum chemistry courses. Nguyen is a former Math Learning Assistant (LA) at Clayton State University.

MAS Alum Clayton Mogahee accepted a position as a records manager at Princeton University.

MAS Alumna Cathy Miller will be the next president of the Society of Georgia Archivists starting in October 2021

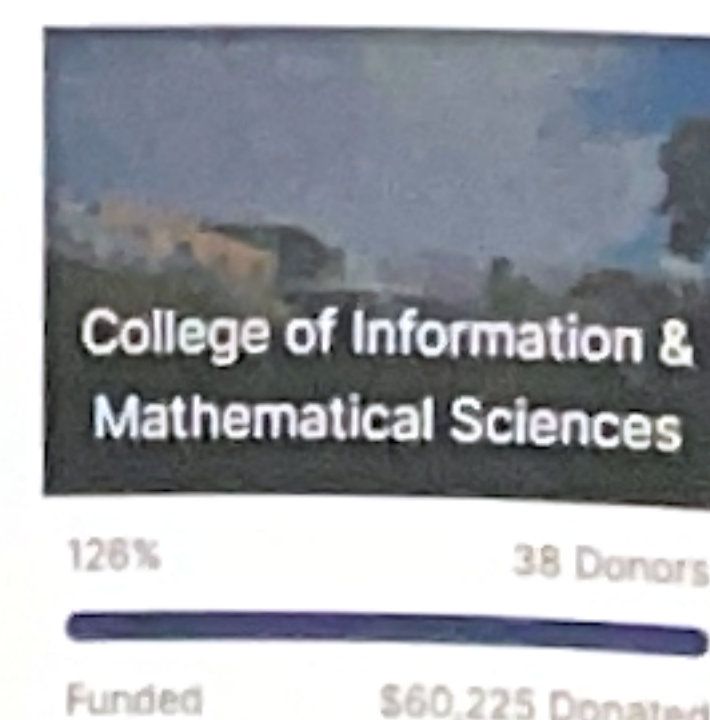
This summer MAS student Patrice Prevost will be participating in training as a part of the Preservation Fellowship Program. This includes online workshops and an in person training session in Philadelphia in August. This fall she will work with [Georgia Public Broadcasting](https://americanarchive.org/about-the-american-archive/projects) to digitized legacy media, main video content, for inclusion in the Archive of Public Broadcasting. <https://americanarchive.org/about-the-american-archive/projects>

CIMS New Faculty and Staff

This year, the College of Information and Mathematical Sciences welcomed 5 new faculty members. The CS/IT Department welcomes 1 new faculty member, Dr. Xiangdong An. The Mathematics department welcomes in 4 new faculty members, Brianna Vick, Everett Sullivan, Louisa Catalano, and Tomás Merchan. CIMS also welcomes a new staff member as the dean's executive assistant.

GIVE4DREAMS 2022

Every spring semester, Clayton State University has its annual fundraising campaign, #Give4Dreams, day of giving. This year, CIMS met their fundraising goal by 126% with 38 donors. By getting 30 donors, CIMS completed a challenge from a donor and received \$5,000 to the college.



CIMS Annual Student Awards Ceremony

Every spring semester, our college holds a student award ceremony to congratulate our students to recognize their achievements. This past spring, on April 29, 2022, we held our 17th annual student awards ceremony where we gave out 8 prestigious awards to our outstanding scholars for the academic year. The winners of the 8 prestigious awards are as followed:



Information Technology Outstanding Scholars:

Associate of Applied Science in IT Scholar:
Brian Souder

Bachelor of Information Technology Scholar:
Destiny Summerville

Computer Science Outstanding Scholar:
Vipou Shalpitisi

Annita Hunt Award:
Logan Friddell

Billy R. Nail Mathematics Award:
Jonathan Bringuel

Billy R. Nail Mathematics Scholarship:
Hannah Rigdon

Rising Senior Award:
Elijah Holloway

Catherine Cowan Aust Award for the Best All-Around CIMS Major:
Daniel Bizzell



Our Rankings

- #20 Top Performers on Social Mobility, U.S. News and World Report, 2022
- Top 137 best regional universities in the south, U.S. News and World Report, 2022



- Top 62 public colleges and universities in the south, U.S. News and World Report, 2022
- #17 Top Large Workplaces, Atlanta Journal-Constitution, 2020
- #34 among the nation's four-year public universities for graduating the highest percentages of students who complete their degree in their fifth or sixth year, Chronicle of Higher Education, 2020

CIMS SPRING EVENTS



CIMS Robotics Projects



Laker Robotics has multiple projects in progress, but the current focus is the Inmoov humanoid robot. We are nearing production completion and getting into the assembly and configuration. With 16 feet of data ribbon connecting 2 Arduino Mega boards to 11 junctions to 31 servos. It will have 14 onboard sensors: 2 webcams with microphones, a motion sensor, an infrared sensor and magnetic sensors paired with magnets in the fingertips. It will also feature a speaker in the throat, an onboard sound card, and a programmable light ring on the torso. Very soon we will be giving it a more personalized, or I suppose institutionalized, look. We will also be adding the new Laker Robotics emblem(above) and giving it a name.



CIMS Symposium 2022

The College of Information and Mathematical Sciences hosted their very first symposium on March 17th and 18th that was open to our Computer Science, Information Technology, Math, and Archival students as well as those who were interested throughout the university. The symposium theme was "Innovation in Technology and Mathematics" where in the day-long event, students and faculty presented their research findings, industry partners shared their experiences and career opportunities with students. Students had a chance to interact with panelists to understand the trend of information technology and mathematics, demands of workforce, and how to prepare for a successful career. The first symposium had over 300 students, guests, and corporate partners attend making the first symposium a success!

