Issue 3
The Innospire
Innovation, Mobility, Health, The Resource Nexus
May - September 2025

Introduction

Welcome to the 3rd edition of The Innospire. Innovate, Inspire, Impact. This edition highlights the vibrant ecosystem of innovation, collaboration and impact we are fostered to share the stories spotlight, activating projects, and community initiatives that are shaping a more resilient, inclusive and sustainable future.

This quarter has been a time of growth and momentum, with new collaborations, impactful partnerships, and community-driven initiatives that have strengthened our ecosystem. From supporting emerging innovators to advancing sustainable mobility and health solutions, we have seen how collaboration can turn ideas into real-world impact.

In this edition, you'll discover the ways we are shaping the future of technology and sustainability, the partnerships that are driving progress, and the people and projects that are making this vision a reality.

Partnership Spotlight: Empowering Innovation Together

GRM Engage and MikeLab are building a sustainable support and strategic partnership to accelerate innovation, capacity building, and impact across the mobility, health, and resource sectors. This partnership will strengthen ecosystems and combine GRM Engage's strategic expertise with MikeLab's technical capabilities.

GRM Engage
Strategic Partnerships, Capacity Building, Impact Measurement

MikeLab
Technical Support, Prototyping, Implementation

Key focus for the official launch and more collaboration from August 2025

Upcoming Event
Co-Innov Sept. through the Cradle of Climate Entrepreneurs (CCE) Hub
Co-Innov Sept. is a collaborative innovation initiative designed to connect students, entrepreneurs, and industry professionals to co-create impactful solutions addressing sustainability, technology, and community challenges. The initiative fosters cross-disciplinary collaboration and continuous co-innovation throughout the year.

Summit City Project Expands with New Recycling Machines

The Summit City Project at Summit City University is leading significant progress in its mission to combat plastic pollution and promote sustainable waste management. The project, which involves students and faculty from the Academic City University, has recently expanded its recycling infrastructure with the installation of new machines for collecting sustainable products.

The project's initiative has been instrumental in raising awareness about the environmental impacts of plastic pollution within the campus community. With the addition of these machines, the project aims to further its objectives by facilitating the collection of recyclable materials, thereby reducing waste and promoting a culture of sustainability among students and staff.

A key highlight is the second phase of the project, which has been funded by the Ministry of Science and Technology and Entrepreneurship Center of Excellence (MSTEC). This phase, which is expected to last for three months, has been allocated a budget of GHS 50,000 and has set ambitious goals for the collection and processing of various plastic products, including sachets, bottles, and other recyclable materials.

The project's success will be crucial for the Academic City University's Science, Technology and Entrepreneurship Center of Excellence (STEC) as it seeks to leverage the insights and data gathered from the project to inform future initiatives and policy recommendations. The STEC aims to use the project as a model for other educational institutions and communities in Ghana, potentially influencing broader adoption of sustainable waste management practices across the country.

MIT Black Alumni Visit Academic City University College

The Technology and Entrepreneurship Center of Excellence (TEC) at Academic City University College hosted a delegation from the MIT Black Alumni Association on Friday, 28th March, 2025, as part of its commitment to showcase the dynamic ecosystem and innovation initiatives at the university.

During the presentation, TEC highlighted its role in fostering innovation and entrepreneurship among students and the broader community. The delegation was impressed by the university's commitment to cultivating a vibrant ecosystem that supports entrepreneurship and technological advancements.

The MIT Black Alumni Association is a prestigious organization that supports and promotes the interests of alumni from the Massachusetts Institute of Technology (MIT) who identify as Black. The association aims to foster a strong sense of community among its members and leverage their collective expertise and resources to support various initiatives and causes.

Empowering Educators with Solar Energy Knowledge: A GreenOCean Initiative

Academic City University College in collaboration with the Ministry of Science and Technology and the Ministry of Education, has initiated a comprehensive program aimed at educating educators about solar energy and its potential applications in various sectors.

Dr. Emmanuel Ofosu-Ahenkorah, Head of Academic City University College's Technology and Entrepreneurship Center of Excellence (TEC), emphasized the importance of this initiative in equipping educators with the knowledge and skills needed to promote sustainable practices in their communities.

Participants learned about photovoltaics, solar panel installation, and the maintenance of solar systems, with the ultimate goal of promoting sustainable energy solutions.

The teachers were eager to share their new knowledge with their students, aiming to inspire them to explore careers in the renewable energy sector and contribute to environmental conservation.

Summer Discovery School Visit TEC at Academic City University

On June 28, 2025, the Technology and Entrepreneurship Center of Excellence (TEC) at Academic City University College hosted a vibrant group of students from the Summer Discovery School, an initiative designed to foster innovation and entrepreneurship among young learners.

Students learned the basics of these technologies and their real-world applications in various sectors. The session was interactive and engaging, with students asking questions and participating in discussions about the potential impact of these technologies on their communities.

This session effectively combined theoretical learning with hands-on experience, providing students with a comprehensive understanding of the topics covered.

Africa Open Science Hardware (Africa OSH) Summit 2024

Sara Lekin, Senior Director of Research Innovation and Commercialization at Academic City University, was invited to the Africa Open Science Hardware (Africa OSH) Summit 2024, the largest event for Open Science Hardware practitioners in Africa, held in Accra, Ghana. The summit brought together over 200 participants from 15 countries, including researchers from academia and industrial sectors, policymakers, and

entrepreneurs. The event aimed to foster collaboration and knowledge sharing among these diverse stakeholders. The summit featured keynote addresses from top local, heads, if notable speakers, including Professor Kofi Annan, the former Secretary-General of the United Nations, who shared his vision for Ghana's transformation into a knowledge-based economy that leverages open-source hardware and software to address critical challenges.

The summit also hosted discussions on the future of open-source hardware in Africa, with panelists exploring the potential for this technology to address critical challenges in various sectors, including healthcare, agriculture, and education. The discussions highlighted the importance of collaboration between stakeholders from different sectors to create a sustainable ecosystem for open-source hardware development and adoption in Africa.

Exploring Future Collaborations: COSI's Sara Lekin Visits ACity

Sara Lekin, Senior Director of Research Innovation and Commercialization at Academic City University, recently visited the Center of Science Innovation (COSI) to explore potential collaborations. She was accompanied by Dr. Emmanuel Ofosu-Ahenkorah, Head of the Technology and Entrepreneurship Center of Excellence (TEC), and Dr. Ernest Ofori, Senior Lecturer at ACity.

The visit included a tour of our Lab, the GRM Innovation Hub, and the Cradle of Climate Entrepreneurs (CCE) Hub, providing a comprehensive understanding. Discussions focused on exploring potential collaborations between COSI and ACity in areas such as research, innovation, and entrepreneurship. The parties explored various avenues for mutual benefit, including joint research projects and the sharing of resources.

Sierra Leone Economic Diversification Project: Lessons from Academic City for Insights on Incubation and Acceleration

Sierra Leone's economic diversification efforts have been bolstered by insights from Ghana's Academic City University College, which has been instrumental in supporting the development of the country's first Regional Tech Agreement (Sandt and Ofosu-Ahenkorah, 2025). The collaboration between the two countries has focused on leveraging Academic City's expertise in incubation and acceleration to drive economic diversification in Sierra Leone.

The success of this case lies in Academic City's ability to provide a supportive ecosystem for entrepreneurs and startups, with a focus on capacity-building initiatives that cater to the specific needs of the region. The collaboration has enabled Sierra Leone to benefit from Academic City's expertise in incubation and acceleration, which has been instrumental in the development of the country's tech ecosystem.

The insights gathered from the experiences of Academic City University College have been invaluable in shaping the strategies and initiatives being implemented in Sierra Leone. The collaboration between the two countries has created a mutually beneficial relationship that has contributed to the development of the tech ecosystem in Sierra Leone and has the potential to drive economic growth and diversification in the region.

Heartwarming STEAM Session for 55 Orphans in Partnership with Implementers

The Technology and Entrepreneurship Center of Excellence (TEC) recently collaborated with the Ministry of Science and Technology and Entrepreneurship Center of Excellence (MSTEC) to host a STEAM session for the orphans at the Grace Children Home. The event featured hands-on learning activities designed to inspire and educate the children in science, technology, engineering, arts, and mathematics. The session aimed to provide a fun and engaging learning experience for the children, while also promoting STEAM education and its potential applications in various fields.

MEST UNCEF StartUp Lab Makers Forum

Academic City University College is collaborating with the Ministry of Science and Technology and Entrepreneurship Center of Excellence (MSTEC) to host a series of workshops for the Makers Forum. The forum, which is part of the UNICEF-funded Makers Forum initiative, aims to provide a platform for innovators and entrepreneurs to showcase their products and services, while also fostering collaboration and knowledge sharing among the participants.

The first workshop took place on June 28, 2025, and was attended by a diverse group of participants, including students, entrepreneurs, and industry professionals. The workshop covered various topics, including the basics of electronics, programming, and prototyping, with the aim of equipping the participants with the skills and knowledge required to develop innovative solutions.

ACity Robotics Club Shines at Ghana Robotics Competition (GRC)

The ACity Robotics Club recently participated in the Kingsman League of the Ghana Robotics Competition (GRC), showcasing their skills and expertise in the field of robotics. The club's participation in the GRC has been a significant achievement, with the club's members having worked tirelessly to prepare for the competition and hone their skills in various areas, including programming, design, and teamwork.

The GRC is a prestigious robotics competition that brings together teams from various educational institutions and organizations to showcase their robotics expertise and skills. The competition features a wide range of challenges and tasks that test the participants' abilities in areas such as autonomous navigation, object manipulation, and teamwork.

TEC Welcomes Freshers with Interactive Orientation

The TEC hosted an engaging orientation session for the new students, where they were introduced to the world of tech and entrepreneurship. The session was a vibrant and dynamic experience that saw TEC and Academic City students come together to share their passions and skills.

As part of the orientation, the students participated in an exciting activity, where they were tasked with building a tower using various materials. The activity was designed to promote teamwork and creativity, and the students produced a diverse array of

Spark Learning Experience Educational Visit

The Technology and Entrepreneurship Center of Excellence (TEC) hosted a Spark Learning Experience educational visit for students from various schools. The event aimed to provide an engaging and educational experience for the students, with the ultimate goal of inspiring the next generation of innovators and entrepreneurs.

GIZ Visit

The TEC was pleased to host a delegation from the German Agency for International Cooperation (GIZ) during their visit to Ghana. The delegation was welcomed by the university's leadership and faculty members, who showcased the university's innovation ecosystem and its commitment to fostering entrepreneurship and technological advancements.

Climate Champion Competition For Climate Startups

The Cradle of Climate Entrepreneurs (CCE) Hub, a leading climate innovation center, recently hosted a climate startup competition aimed at fostering innovation and entrepreneurship in the sustainable waste management sector. The event, which was held at the CCE Hub, brought together a diverse group of participants, including startups, entrepreneurs, and industry professionals, to showcase their innovative solutions and compete for a chance to win prizes and mentorship opportunities.

The competition was judged by a panel of experts from the sustainable waste management sector, who evaluated the participants' ideas and solutions based on their potential impact, feasibility, and scalability. The winners of the competition will have the opportunity to receive mentorship and support from the CCE Hub and its partners, which will help them to develop their ideas and bring their solutions to market.

Upcoming Programs and Events

MikeLab Office Hours
Tuesday, 2:00 - 4:00 pm
Wednesday, 10:00 - 12:00 pm
Thursday, 2:00 - 4:00 pm

- Track to Cash Workshop
  Wednesday, 2:00 - 4:00 pm
- Co-Innovating of Sustain City - Cradle of Climate Entrepreneurs Co-Innovation Hub
  Sept. 1st - Sept. 30th

Sponsorship, Support and Impact - Calling all Partners!

We cannot underrate the importance of partnerships and collaborations in driving innovation and impact in the tech ecosystem. The Innovation Mobility and MikeLab Africa have been instrumental in fostering these partnerships and collaborations, which have been crucial in driving innovation and impact in the tech ecosystem.

Now, we invite you and your organization to join us in creating the impact ecosystem we envision. We are looking for partners who share our vision and can contribute their unique expertise and resources.

We are looking for partners who are committed to impact and have an interest in supporting the development of the tech ecosystem in Ghana. We are also looking for partners who can provide valuable expertise and resources, such as mentorship, funding, or technical support, that can help us to achieve our goals.

Let's join forces and leverage our collective expertise and resources to create a sustainable, impact-focused ecosystem that benefits all stakeholders. We are confident that by working together, we can achieve remarkable results and create a lasting impact on the tech ecosystem in Ghana.

Let's make this happen!