



**EXPERIENTIAL LEARNING SUBCOMMITTEE OF GEN ED**

**Proudly Presents**

**THE SECOND ANNUAL  
EXPERIENTIAL LEARNING  
SYMPOSIUM**

**Thursday, March 30, 2023**

New York City College of Technology, CUNY

New Academic Complex Room A-105

Brooklyn, New York 11201

and Virtual via [Zoom](#)

**Meeting ID: 895 6164 4312 and Passcode: 072481**



## Welcome and Opening Remarks

10:30 am to 10:45 am

**Dr. Russell K. Hotzler**

*President,  
New York City College of Technology*

**Pamela Brown, PhD, PE**

*Provost and Vice President for Academic Affairs  
New York City College of Technology*

## Deans' Address

10:45 am to 10:55 am

**Dr. Maureen Archer**

*Interim Dean,  
School of Professional Studies*

**Gerarda M. Shields, PhD, PE, F.ASCE**

*Dean,  
School of Technology and Design*

**Justin Vazquez-Poritz, PhD**

*Dean,  
School of Arts and Sciences*

## Closing Remarks

2:20 pm to 2:30 pm

**Reginald Blake, PhD**

*Associate Provost,  
Dean of Curriculum and Research  
NSF PAESMEM Presidential Fellow  
Co-Director, Center for Remote Sensing and Earth System Sciences*

# Student Presentations

11:00 am - 12:30 pm

## Group Presentations

### ***“3D Printed Engine Nozzle using Lunar Geopolymer”***

**Students:** John Anthony, Maria Hashmi, Husnain Khan, and Brian Rosendo  
*Mechanical Engineering Technology Department, School of Technology and Design*  
**Faculty Mentor:** Professor Akm Rahman

### ***“Autonomous Delivery Robot”***

**Students:** Ashley Deokienanan, Leticia Donkor, Adekunle Daodu, John Anthony, Jason Chen, D’mario Budhi, Luis Cuji, and Kenny Bisnath  
*Mechanical Engineering Technology Department, School of Technology and Design*  
**Faculty Mentor:** Professor Angran Xiao

### ***“Desktop Robot Vacuum”***

**Students:** Giovanni Feng, Cristofer Martinez, Emanuel Pichardo, Isaiah Ortiz, Jiebin Huang, Osbin Juarez, Arnold Aron Asriyan, Aaryan Nair, Naeem Kotadia, Ashish Tamang  
*Mechanical Engineering Technology Department, School of Technology and Design*  
**Faculty Mentor:** Professor Angran Xiao

### ***“Importance of Hands-on Training for Engineering Education”***

**Students:** Kevindra Ghamandi, Leticia Donkor, Nigel Sukhnandan  
*Mechanical Engineering Technology Department, School of Technology and Design*  
**Faculty Mentor:** Professor Andy Zhang

### ***“Prevention of Oral Diseases in Pediatric Patients”***

**Students:** Samantha Chica and Nina Zanzonico  
*Dental Hygiene Department, School of Professional Studies*  
**Faculty Mentor:** Professor Khrystyna Vyprynyuk

## **Individual Student Presentations**

### ***“Community Engagement, Intervention Behavior and The Prevention of Gas Leaks in New York City”***

**Student:** Caroline Sayad

*Health Services Administration Department, School of Professional Studies*

**Faculty Mentor:** Professor Katherine Gregory, PhD, MS, MA

### ***“Cybersecurity, Privacy, and Data Protection”***

**Student:** Carlos Muñoz

*Law and Paralegal Studies Department, School of Professional Studies*

**Faculty Mentor:** Professor Marissa J. Moran

### ***“Lightning Strike Protection”***

**Student:** Aaryan Nair

*Mechanical Engineering Technology Department, School of Technology and Design*

**Faculty Mentor:** Professor Akm S. Rahman

### ***“The Power of the Square: New York City African Burial Grounds”***

**Student:** Jacqueline E. Johnson

*Computer Systems Technology, School of Technology and Design*

**Faculty Mentor:** Dr. Dionne Bennett

## **Faculty Featured Presentations**

12:30 pm - 1:00 pm

### ***“An Insight into Engineering Technology utilizing a Robot: A Project-Based Summer Workshop”***

**Professor Muhammad Ali Ummy,**

*Electrical and Telecommunications Engineering Department,*

*School of Technology and Design*

**Professor Benito Mendoza,**

*Computer Engineering Technology Department,*

*School of Technology and Design*

**Professor Angran Xiao,**

*Mechanical Engineering Technology Department,*

*School of Technology and Design*

### ***“Automated filtration on Hydraulic Power Generation System”***

**Professor Akm Raham**

*Mechanical Engineering Technology Department,*

*School of Technology and Design*

## Panel and Confirmed Speakers ~ Board of Experts

1:00 pm - 2:20 pm

### **Professor Cailean Cooney**

*Assistant Professor,  
Open Educational Resources Librarian,  
New York City College of Technology*

### **Vicki Franks, Esq.**

*Special Counsel,  
McCarter and English, LLP*

### **Dr. Katherine Gregory**

*Associate Professor,  
Health Sciences Department,  
New York City College of Technology*

### **Dr. Michelle Juarez**

*Assistant Director of Diversity and  
Research Readiness,  
DNA Learning Center of  
Cold Spring Harbor Laboratory*

### **Professor Cyrus Meherji**

*Faculty Lecturer,  
Computer Systems Technology Department,  
New York City College of Technology*

### **Dr. Jessica Murray**

*Director of Digital Communications,  
for Transformative Learning in the Humanities,  
CUNY*

Sponsored by Members of the

## Experiential Learning General Education Subcommittee

### **Dr. Reginald Blake,**

*Associate Provost and Dean of  
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### **Professor Karen Bonsignore,**

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### **Professor Yu-Wen Chen,**

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