

# PI Day Celebration 2021

Wednesday March 24, 2021

The program starts at 2:15 pm.

1. Welcome remark from Chairperson
2. Welcome from Administration
3. Panel 1 (35 minutes)
  - Explore your career possibility with CCPD (Mr. Bryant Caba, LaGuardia Community College)
  - Investigating Elephants' Heat Dissipation Using Thermal Imaging (Professor Moise Koffie, Hostos Community College)
  - Math in Finance (Dr. Jie Yu, Vice President, Citigroup)
4. Math is Everywhere (10 minutes)
  - Profs. Shenglan Yuan and Malgorzata Marciniak (LaGuardia Community College)
5. Interactive Brain Teaser with Kafoot 1 (10 minutes) (Open to all students, App or Web Browser)
6. Panel 2 (30 minutes)
  - Can Mathematics illuminate Biology, (Profs. Kwame Osei Bonsu and Anthony Aidoo, Eastern Connecticut State University)
  - The Mathematics of Covid-19 Vaccines (Professor Frank Wang, LaGuardia Community College)
7. Introduction to Applied Math (5 mins)
  - Tao Chen
8. Interactive Brain Teaser with Kafoot 2 (20 minutes) (Open to all students, App or Web Browser)
9. Award Ceremony of Math Competition (5 minutes)

## Bio of Speakers

**Dr. Anthony Aidoo** earned his MS and PhD in Mathematical Sciences from the University of Vermont. He conducts research focused on Mathematical Biology/Physiology and medical imaging.

**Dr. Kwame Osei Bonsu** is a Professor at Eastern Connecticut State University. He holds a PhD in Mathematical Sciences from University of Vermont and does his research in Mathematical Biology and Ecology. He enjoys playing and watching soccer and likes to travel, dance and watch movies. He is a believer of community engagement and hopes that every citizen will give off their best for their community, people and country.

**Mr. Bryant Caba** is a Senior Career Advisor with the Center of Career and Professional Development at LaGuardia Community College. Mr. Caba has over 15 years of career and professional development experience. He earned his Master's degree in Urban Policy and Leadership with a concentration in Higher Education Administration from Hunter College and completed his Bachelor's degree in Sociology from SUNY New Paltz. Mr. Caba enjoys working with students and helping them develop their career plans.

**Dr. Frank Wang** is Professor of Mathematics at LaGuardia Community College. He recently published a paper "Hypothesis Testing of the Efficacy of Covid-19 Vaccines" in the journal *Numeracy*.

**Dr. Moise Koffi** completed his PhD in Mechanical Engineering from the CUNY-Graduate Center in 2013. He currently works as an Assistant Professor and the Deputy Chair of the Mathematics Department at Hostos Community College. His research focuses on oscillating plate induced flows and related heat transfer characteristics with applications to biological systems, such as the metabolism of large animals. Dr. Koffi has published several articles in top engineering journals in his field and presented his research in national and international conferences on fluid dynamics and aerodynamics. Dr. Koffi is the Principal Investigator of the Hostos STEP and CSTEP grants from NYSED.

**Dr. Jie Yu** is the Vice President at CitiGroup. He also worked at AIG, Barclays and RBC Capital Markets. Dr. Yu received a Ph.D. in math from Chinese

Academy of Sciences, and M.S. a MS in Quantitative Finance from Fordham University.