

The MACUB Team would like to thank all participants for a great conference and congratulate our 2023 MACUB Award Winners!

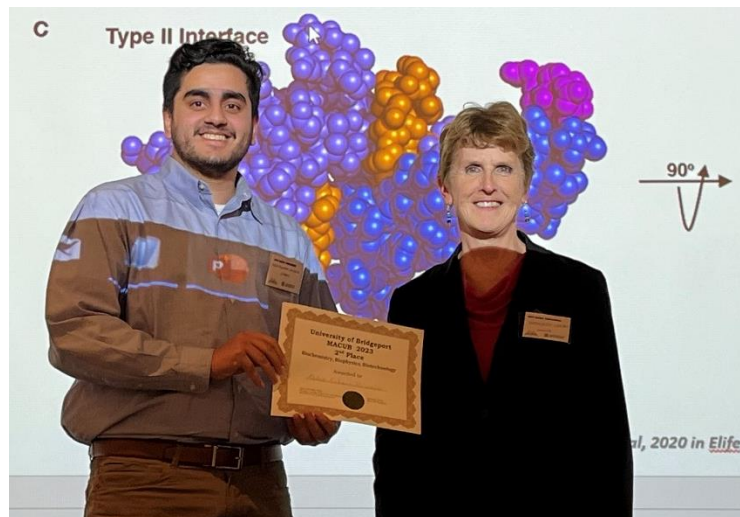
### Biochemistry, Biophysics, & Biotechnology

#### 1<sup>st</sup> Place

(Poster #8) Leptin exacerbates inflammatory cytokine production within a 3D mouse model of osteoarthritis. **Munn, Laura**; O'Connor, Michael; Multani, Harpreet; Scanze, Nina. *Molloy University*

#### 2<sup>nd</sup> Place

(Poster #21) Enhancing the stability and activity of glucose oxidase through interaction with highly curved gold nanoparticles. **Abdur-Rehman Hussain**; Taimoor Chaudhry; Jeleeta Jolly; Azza Gener; Muntaha Ahmad; & Dr. Jacqueline Keighron. *New York Institute of Technology (Pictured below)*



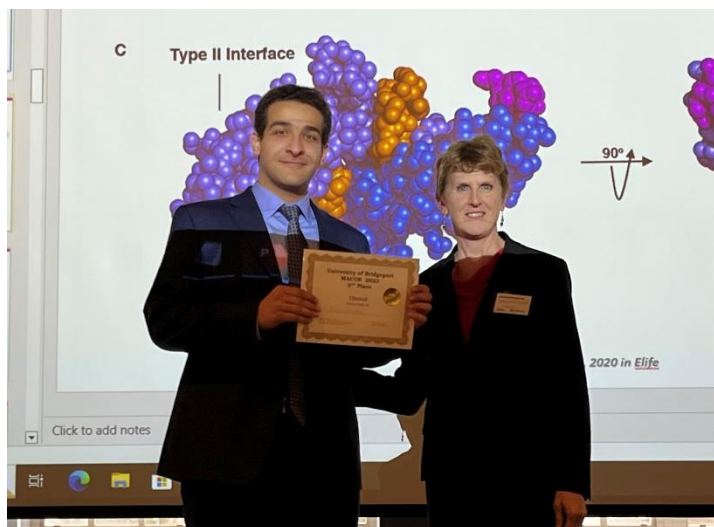
## Clinical

### 1<sup>st</sup> Place

(Poster #26) Design, Optimization and Evaluation of Rifampicin Fast Dissolving Tablets Employing Starch Tannate by Direct Compression Method. **Steve Joseph Kuppili**; R Santosh Kumar; Prabir K. Patra ; Peiqiao Wu. *University of Bridgeport*

### 2<sup>nd</sup> Place

(Poster #25) Discovery of PLD Genomic Alterations in Human Cancer. **Itani, Riad** ; Gonzalez, Zenovia ; Matthews, Janae ; Mahase, Syann ; Alokam, Yacoub ; Atiq, Daniyal; Frias, Maria A.. *St. Francis College (Pictured below)*



## Developmental Biology and Genetics

### 1<sup>st</sup> Place

(Poster #34) Comparing Three Approaches to Breaking Down Cell Walls for DNA Extraction from Historical Plant Samples. **Gunaratnam, Kughan**; Nicolas, Antoine. *Manhattan College (Pictured below on left)*

### 2<sup>nd</sup> Place

(Poster #30) Kv2.1 and FAK: Protein Colocalization Visualized in The Embryonic Hindbrain of Zebrafish. **Fitzgerald, Madelyn**. *Manhattan College (Pictured below on right)*



## Environmental Biology and Ecology

### 1<sup>st</sup> Place

(Poster #57) Water Quality Testing of Enterococcus Levels Along the East River. **Ali, Ashley**; Medor, Gabrielle; Rene, Dorothee; Rivera, Noemi. *St. Francis College* (Pictured below on left)

### 2<sup>nd</sup> Place

(Poster #50) Project FeederWatch, Habitat Restoration, and Native Species: If You Build It, Will They Come? **Rocenovic, Danilo**; Quisbert, Helberth; Rodriguez, Katherine; Bautista, Isabelle; Wydner, Katherine. *Saint Peter's University* (Pictured below on right)



## Microbiology and Immunology

### 1<sup>st</sup> Place

(Poster #70) The Isolation, Characterization, and Optimization of Bacteriophages Targeting Clinical Isolates of Staphylococcus Aureus. **Gadula, Srinidhi**; Patel, Yamini Bhaveshbhai; Qiu, Jerry; Hwang, Alex; Nagarwala, Hamza. *New York Institute of Technology (Pictured below on left)*

### 2<sup>nd</sup> Place

(Poster #65) Isolation and Characterization of Two Citrobacter Bacteriophage. **Wang, Jessica**; Makedonska, Anna; Reynisdóttir, Natalía; Gibb, Bryan. *New York Institute of Technology (Pictured below on right)*



## Physiology and Neuroscience

### 1<sup>st</sup> Place

(Poster #80) Potential Role of LRRC8 in Supplying Cysteine to Neurons Via GSH Release. **Tamayo, Sara**; Shikapwashya, Gabriella. *Mercy University and Westchester Community College (Pictured below on left)*

### 2<sup>nd</sup> Place

(Poster #79) The effects of the serotonin drugs Vortioxetine and Vilazodone on Apomorphine-induced dyskinesia in a rat model of Parkinson's disease. **Ethan Valle**; Mohamed Noor; Emma Sarinick; Michael Coyle; Christopher Bishop. *Westchester Community College/Binghamton University (Pictured below on right)*

