ISEF Winners

CSEF Physical Sciences Team

Shriya Jonnalagadda   Brookfield High School   Brookfield

Diya Girish Kumar

ParkBD: A Novel Multi-Modal Deep Learning Framework for Biomarker Identification and Drug Repurposing in Parkinson's Disease

CSEF Physical Sciences

Thomas Ewald   Brunswick School   Greenwich

Development of Eco-Navigation System for Reducing Greenhouse Gas Emissions of Ships using Wind-Assisted Flettner Rotors

CSEF Life Sciences

Yuriy Sandmeier   King School   Stamford

Knockdown of the essential 23S rRNA methyltransferase, rv3579c, increases the susceptibility of Mycobacterium tuberculosis to macrolides

CSEF Life Sciences

Eric Teng   Kent School   Kent

Cell type-specific expression of the molecular players in mouse prefrontal cortex during cocaine addiction

Alexion Biotechnology

Jingyuan Zhang   Choate Rosemary Hall   Wallingford

A Self-Stabilizing Haptic Accessibility Mouse for Parkinson's Disease Sufferers

Urban School Challenge

Ana-Lois Davis   Academy of Aerospace and Engineering   Windsor

Non-Invasive Pre-screening Approach for Early Detection of The Human Papillomavirus (HPV) to Aid in Cervical Cancer Prevention in Underrepresented Demographics

Engineering

Naomi Park   Greenwich High School   Greenwich

Concurrent Removal of Rising Soluble Ocean Carbon Dioxide and Oil-in-Water Contaminants via Multi-Functional Remediation Framework.