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LISEF.org
LI Science and Engineering Fair, Inc.
The Charles Duggan Long Island Science and Engineering Competition

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LISEF Day-2 Invitees - - Printable Format

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Bay Shore High School
None At This Time!

Bethpage High School
EAEN3747 - Maciel-Seidman, Maya Lillian
Soil Moisture Sensing Robot: A Novel Agricultural Device
ENMC2171 - Thulasidas, Theresa
Dye Sensitized v.s. Monocrystalline: Most Cost Efficient Method for Energy Production

Brentwood High School
ANIM1988 - Jones, Jaden
The Analysis of Honey Bee Microbiome of (2) Long Island Populations

Central Islip Senior High School
PLNT2097 - Murga, Oscar A
The Effects of Rhizobacteria on Hydroponically Grown Arugula

Cold Spring Harbor High School
None At This Time!

Commack High School
EAEN1447 - Sontarp, Ethan Jacob
Modeling Uranium Uptake in Fossilized Teeth and Bones: Insight into Potential for Long-Term Uranium Waste Storage in Phosphates
ANIM2417 - Chacon, Michael
Aversive Conditioning and Scent Discrimination in the Green Crab (*Carcinus maenas*)

Comsewogue High School
None At This Time!

Connetquot High School
ENMC1673 - Khan, Atif
Using Polarized Light to Create a Cost-Effective Landmine Detector for Use in War-Torn Countries
BCHM3743 - Oz, Melissa S
Utilizing Protein Crystallography and X-Ray Diffraction to Determine the Structure of TrmD (Co-Crystallized with SAH) From *Mycobacterium abscessus* and Discover Possible Inhibitors via AutoDock VINA

Division Avenue High School
None At This Time!

East Hampton High School
None At This Time!

East Meadow High School
CBIO1074 - Fong, Alyssa

Analysis of APOBEC3 Hotspots in the Domains of Select Human Herpesvirus Immediate Early Proteins**Eastport South Manor Junior-Senior High School****CELL3009 - Edele, Damien Doran****The Complete Structural Refinement and Analysis of the Protein Anaplasma phagocytophilum tRNA (guanine-N1)-methyltransferase****Elmont Memorial****MCRO1326 - Pressoir, Marvia Jozie****The Individual and Synergistic Effect of Combined Heavy Metal Exposure On Dopaminergic Neurodegeneration and Associated Behaviors in C. elegans as a Model for Parkinson's Disease****MCRO1398 - Alexander, Christopher Edward****Characterizing the Oncolytic Properties of the Avian Paramyxovirus Serotype 4 (APMV-4) in Comparison to Newcastle Disease Virus (NDV): Developing Oncolytic Therapies Based on Viral Cell Death****CELL1397 - Delorme, Maxline****Expression of Insulin Growth Factor 2 mRNA Binding Protein on the Regulation of Fidgetin Like 2****Elwood - John H. Glenn****EAEN1972 - Narayan, Rithika****Coral Grief: Machine Learning on Crowd-sourced Data to Highlight an Ecological Crisis****Friends Academy****None At This Time!****Garden City High School****BEHA1904 - Zheng, James****Microbiome Composition and Environmental pH Modulate the Behavioral Effects of SSRIs in Larval Zebrafish (Danio rerio)****TMED1002 - Kabir, Farah****Integrated Expression Profiles of MiRNAs and GLUT1 in Murine Blood-Brain Barrier under Hyperglycemic Conditions****ENMC1914 - Bailey, Ian Carlson****CAD Modeling, Simulation, and Prototyping of a Wave Energy Generation System for USVs****General Douglas MacArthur High School****None At This Time!****George W. Hewlett High School****EAEN2789 - Lippman, Blake Charles****Investigating the Use of Ceratopteris richardii as a Model Plant for the Phytoremediation of Cadmium****ENMC1944 - Tang, Alex****Validation of High-Order Theories for Sandwich Beam Behavior Using Direct Image Correlation (DIC) Techniques****PLNT2866 - Tomas, Jude Kristoffer Ramos****Regulation of a Temperature-Induced Lipocalin (TIL) by Cold Stress and Epibrassinolide in the Gametophytes of Ceratopteris richardii****Great Neck North High School****CBIO1726 - Gruber, Danielle Lauren****A Game-Theoretic Model of Task-Positive Networks****CHEM1667 - Zeng, Michelle****Addition of Cost Effective Common Materials for a More Accessible Method of Solar Distillation****CHEM1922 - Lin, Raymond**