Dear Colleague,

Each year the Long Island Science and Engineering Fair (LISEF) strives to identify and recognize secondary school students, predominately in grades 9-12, from public, private, and parochial schools in Nassau and Suffolk Counties, with the potential to become outstanding natural, physical and behavioral scientists, engineers or mathematicians. To this end, we organize a yearly forum for such outstanding students to submit and exhibit their research projects in an effort to identify and select finalists from over 500 student participants to attend the annual International Science and Engineering Fair (ISEF).

Inevitably, we find ourselves in need of qualified judges each year to help evaluate student projects in 21 disciplines. Judges are typically asked to evaluate and score between 8-12 projects, depending on the category. We are asking all qualified individuals (medical/veterinary doctors, university faculty, post-doctoral associates, graduate students, engineers with field experience) to consider assisting us on either or both days of our fair to be held at the Crest Hollow Country Club in Woodbury, NY on Wednesday, February 8, 2017 and on Thursday, March 23, 2017. We have the greatest need for judges on the February 8th date, but are more than happy to have volunteer judges on either or both dates. Judges are asked to register by 8 AM both days and can expect to leave by 3 PM on February 8 and 1:30 PM on March 23rd. All judges are provided a complimentary buffet lunch.

The LISEF judging categories are listed below:

- **Animal Sciences**: Animal Behavior, Cellular Studies, Development, Ecology, Genetics, Nutrition and Growth, Physiology, Systematics and Evolution, Other
- **Behavioral and Social Sciences**: Clinical and Developmental Psychology, Cognitive Psychology, Physiological Psychology, Sociology, and Social Psychology, Other
- **Biochemistry**: General Biochemistry, Metabolism, Structural Biochemistry, Other
- **Biomedical and Health Sciences**: Disease Diagnosis and Treatment, Drug Testing, Epidemiology, Physiology, Nutrition, Other
- **Biomedical Engineering**: Biometrics, Biomechanics, Biomedical Devices and Imaging, Cell & Tissue Eng., Synthetic Bio.
- **Cellular and Molecular Biology**: Cellular and Molecular Biology, Cellular and Molecular Genetics, Immunology, Neurobiology
- **Chemistry**: Analytical Chemistry, General Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Other

Earth & Environmental Sciences: Atmospheric and Climate Science, Environmental Effects, Geosciences, Water Science

Embedded Systems: Circuits, Internet, Microcontrollers, Optics, Sensors, Signal Processing, Other


Engineering Mechanics: Aerospace and Aeronautical Engineering, Civil and Industrial and Mechanical Engineering, Computational Mechanics, Control Theory, Ground Vehicle Systems, Naval Systems, Other

Environmental Engineering: Bioremediation, Land Reclamation, Pollution Control, Recycling and Waste Management, Water Resources Management, Other

Materials Science: Biomaterials, Ceramics, Composite Materials, Computation and Theory, Nano Materials, Polymers, Other

Mathematics: Algebra, Analysis, Combinatorics, Graph Theory, Game Theory, Geometry, Number Theory, Probability, and Statistics, Other

Microbiology: Antibiotics, Antimicrobials, Bacteriology, Microbial Genetics, Virology, Other

Physics and Astronomy: Atomic, Molecular, Optical and Biological Physics, Astrophysics, Condensed Matter and Materials, Instrumentation, Magnetics, Electromagnetics and Plasmas, Mechanics, Nuclear and Particle Physics, Optics, Lasers, Masers, Quantum Computation, Theoretical Physics, Other

Robotics and Intelligent Machines: Biomechanics, Cognitive Systems, Control Theory, Robot Kinematics, Other

Systems Software: Algorithms, Cybersecurity, Databases, Programming Languages, Operating Systems, Other

Translational Medical Science: Disease Detection & Prevention, Disease Treatment and Therapy, Drug Identification and Testing, Pre-Clinical Studies, Other

To register as a judge for one or both fair dates, please visit our website at: www.lisef.org and follow the directions below

1) Click the “LISEF Judges” button (under the image slideshow).
2) Click the “Register Now!” button.
3) Select and enter a username and password, your e-mail address, name, degree (or degree status), phone contact numbers, and employer name and address and click the “Continue Registration” button.
4) Confirm that your login information is correct on the screen and click “Continue Registration” button.
5) Select the date or dates you would like to judge at the fair and select your top 3 choices of category preference. Select the number of years you have previously served as a judge for our fair and if you would like to recommend a colleague for judging, fill in those fields as well. Finally, click the “Complete Registration” button.

Thank you in advance for helping get the word out regarding our need for judges. We have personally found our involvement with LISEF to be a rewarding experience. We hope you will as well!

Sincerely,
Dr. Joyce Hilgeman                                            Dr. Michael Lake
Trustee & Judges Co-Chair                               Trustee & Judges Co-Chair