

Around Manhasset Schools

WAC Lighting Invitational Science Fair April 22

Many Manhasset students participating

The WAC Lighting Annual Invitational Science Fair will be held on Sunday, April 22 from 9:30 a.m. to 4 p.m., at Commack High School.

The WAC Lighting Invitational Science Fair features projects in eight major categories with winners selected in both senior (grade 12) and junior divisions (grades 9-11). Awards and scholarships will be presented to winners of first, second and third places, as well as honorable mentions.

The categories include: environmental science; prototype engineering; biochemistry; general biology; behavioral science; chemistry; physical science; and computer science.

Each year, more than 400 students come together in this science fair to present their research experience to esteemed judges from universities, hospitals, private practices and industries from all over the New York metropolitan area. For 14 years, the symposium has provided students with goals and opportunities as they spend many months completing their research in preparation for the fair.

Participating students have spent months or years in their high school labs or local university labs exploring the nature of cancer or inexpensive ways to produce alternative fuels. Everything under the sun is open for exploration from astronomy to biotechnology, from basic research and theoretical studies, to projects focused on the practical.

The science fair, which is organized by the Research Association, is a consortium of 13 Long Island high schools represented by 13 research teachers dedicated to the importance of science education through inquiry. This group of teachers stresses to their students that science research is an active gateway into the understanding of the true nature of science. The members of the Research Association understand that future leaders in science, technology and business begin to focus their skills in the challenging classrooms of today. The 13 high schools include: Manhasset, Commack, Great Neck North, Great Neck South, Herricks, Jericho, Locust Valley, North Shore Hebrew Academy, Paul D. Schreiber, Roslyn, South Side, Syosset, and The Wheatley School.

The science fair is sponsored by WAC Lighting, a Garden City based manufacturer of task and decorative lighting.

Students from Manhasset and their projects are:

Emma Dong: The Speed and Accuracy of Machine Translations

William Juang: Using Image Recognition to Evaluate the Golden Ratio

Nicholas Fiocco and Michael Kusnier: The Effects of a-Lipoic Acid and N-Acetylcysteine on Age-Dependent Meiotic Nondisjunction

Brendan Watson: The Effect of Etidronate on the Spread of Resistance Genes for Ampicillin and Streptomycin in E. Coli

Priya Alagesan and Irene Bae: Calorie Restriction and Longevity: cep-1 and C-TOR

Elizabeth Arenare and Anne Marie Ardito: The Effects of Heat Shock on Longevity and Fat Deposits in C. Elegans

Kayla Feeney and Vivian Liu: Evaluating the Effects of a Nonsteroidal Anti-In-

flammatory Drug and Different Rest Intervals through Training on the Memory of the UAS-APP Strain of Drosophila melanogaster

Rhea Fogla and Kevin Tong: The Effects of 2-Aminoethanesulfonic Acid on Mobility and Lipid Content of Caenorhabditis elegans N2 and Lipase Content of VS20

Ally Hart and Patrick Fahey: The Effects of Noise Pollution on Ghost Shrimp (Palaemonetes paludosus)

Jesse Levitin: The Effects of Artificial Sweeteners on the Lifespan and Locomotion of Drosophila Melanogaster.

Patricia Lin and Juliet Paterek: The Evaluation of Chantix and Lobelia on Post-Nicotine Treated C. elegans in Locomotion Behavior and Fat Deposition

Cathy Liu: The Effect of Nicotine Upon Memory and Learning in Drosophila Melanogaster

Anne Mills: The Effects of Sleep Deprivation on the Circadian Rhythms of Drosophila

Adiel Rothstein and Karalyn Pappas: The Effects of Superoxide Dismutase on C. elegans with Amyotrophic Lateral Sclerosis

Jack Wesson: The Effect of Electromagnetic Fields on the Orientation and Navigation of Harvester Ants

Brian Bock: A Comparison of the Efficiencies of a Photovoltaic Array and Solar Water Heater Based on Price

Albert Kim: Effects of Environmental Toxin 4-Nonylphenol on COX-2, HSP90b, TLR-4, IL-23, IL-10, and IL-8 Gene Expressions in Intestinal Cells and IL-1, IL-10, and TLR-4 Gene Expressions in Drosophila Melanogaster: Implications for Inflammatory Bowel Disease

Jessica Kim: Analyzing the Amount of Light Pollution in Vermont and New York to Make Generalized Conclusions About Light Pollution in the North Atlantic Region

Aaron Tabibzadeh, Bryan Herbert, and Stephen Tranchina: Use of Synchrotron FTIR Spectroscopy to Analyze Optimal Conditions for Chlorella Vulgaris Growth and Lipids by Various Techniques

Lillian Huang: The Observation of Spectra and the Hubble Universe

Demetrios Kyriannis: What Tire Tread Produces the Highest Frictional Coefficient on Different Road Surfaces

Danielle Matusiak and James Haber: The Relationship Between VLF Data and Flare Strength to Location on the Sun

William McNamara: Finding Time and Place of Impact of Solar Flares With the Ionosphere by Triangulating Latitude and Longitude of Known Interference Points.

Shreesham Mukherjee: The Effect of the Size of the Coil Gun on the Acceleration of Ferromagnetic Metals

Russell Silva: Which Spectral Class Would Have the Highest Number of Exoplanets Discovered?

Randy Tung: The Effect of Variable Stars on the Amount of Exoplanets in the Planetary System

William Delaney: The Effect of Different Regions of the Electromagnetic Spectrum on the Power Output of a Photovoltaic Cell

Courtney Digia and Marisa Paone: Comparing Wind-Power and Hydro-Power Using Piezoelectric Films

Saint Mary's High School Honor Roll- Second Semester

Congratulations to the following Manhasset residents who achieved honors at Saint Mary's High School for the second marking period.

First Honors

Awarded to each student who has earned a 93 percent average and who has no grade below 85 percent.

Geon Wook Ahn
Katelyn Christ
Vincent de Venoge
Alexa Lollo
Gregory Lollo

Kristina Magas
Josette Marino
Conor McNamara
William Meed
Emily Racanelli

Second Honors

Awarded to each student who has earned an 85 percent average and who has no grade below 80 percent.

Megan Dunning
Brendan Gallagher
Amanda Gray
John Patrick Kiggins



Legislator Judi Bosworth is joined by Manhasset Principal Dean Schlanger, Nassau Project Coordinator for the Tobacco Action Coalition of LI Carol Meschkow, Manhasset SADD Club Advisor Caitlin Finley and Manhasset Public Schools Superintendent Charlie Cardillo in commending the student's activism.

Manhasset SADD Club Joins National Kick Butts Day Initiative

Meets with Legislator Judi Bosworth

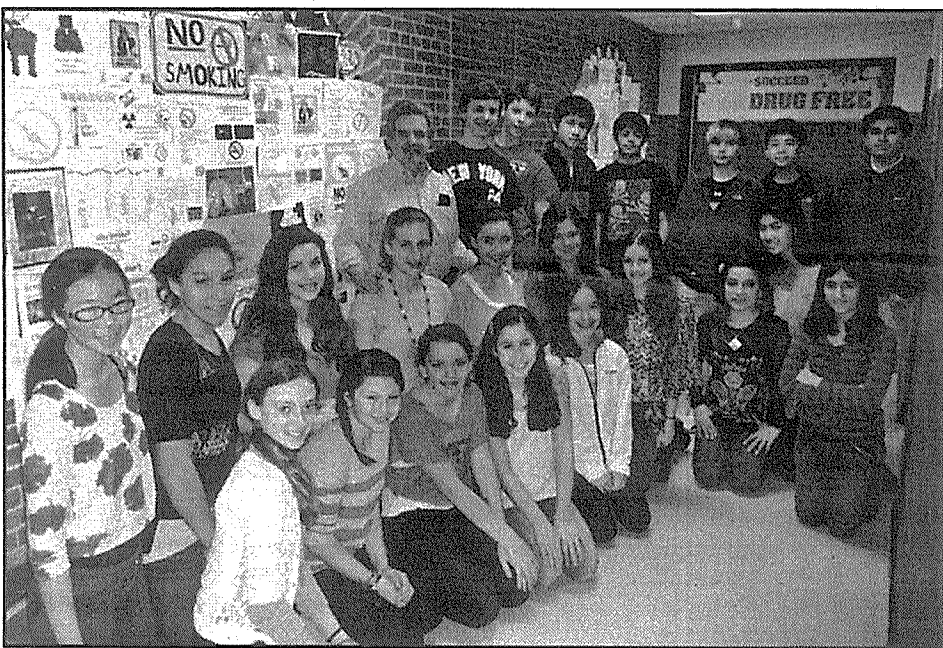
The Manhasset Middle School's Students against Destructive Decisions (SADD) Club recently joined thousands of kids across the country in celebrating Kick Butts Day, a nationwide initiative that makes kids leaders in the effort to stop youth tobacco use. The SADD students provided education about the health and safety risks of tobacco addiction and advocated against tobacco industry marketing to youth.

"Kids are a powerful part of the solution to reducing youth tobacco use," said Matthew L. Myers, president of the Campaign for Tobacco-Free Kids, which coordinates Kick Butts Day. "For Kick Butts Day 2012, kids are sending two important messages: they want the tobacco industry to stop targeting them with advertising and they want elected leaders at all levels to do more to protect them from tobacco."

Working with the Tobacco Action Coalition of Long Island, the SADD stu-

dents engaged students, parents and teachers in the coalition's latest campaign to reduce tobacco marketing "We've Seen Enough" asking them to support limiting tobacco marketing in stores. Postcards and banners were signed during the SCA/CASA Health and Fitness Week, and were presented to Nassau County Legislator Judi Bosworth at the end of the week. "I commend the Manhasset Middle School SADD Club for their activism and dedication to this most important youth health initiative. It's so important for our teens to understand that they too have a voice in raising awareness and implementing change in their community," stated the legislator. As an advocate to protect children from the dangers of tobacco and nicotine, Legislator Bosworth supports legislation protecting children from the dangers of tobacco and second hand smoke.

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The halls were crowded on Kick Butts Day as Manhasset Middle School SADD students provided education and outreach to address the dangers of tobacco and tobacco marketing.

SADD Joins National Kick Butts Day Initiative

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Tobacco education is also part of the seventh grade science classes taught by Mr. Klang and Mrs. Bonewald. Each year, students design creative anti-smoking ads depicting the health consequences of smoking tobacco. The posters are showcased in the science wing as part of the educational events leading up to Kick Butts Day.

In Manhasset, teen smoking increases as teens near graduation with 15 percent of 12th grade students reporting they have smoked a cigarette on one or more occasions in the past 30 days.

According to Carol Meschkow, Nassau

Project Coordinator for the Tobacco Action Coalition of LI, "Research shows that tobacco marketing exposure in stores is a primary cause of youth smoking. As most adult smokers become addicted before they graduate from high school and 90 percent of them start before the age of 18, the Manhasset community is exceptionally fortunate to have the activism of the Manhasset SADD Club and Manhasset CASA as a resource to protect youth from the dangers of tobacco."

For more information about Kick Butts Day, go to www.kickbuttsday.org or Manhasset CASA's website at www.manhasset-casa.org.

The Manhasset School District Shared Decision Team Needs You

The Manhasset School District is looking for volunteers to join the Shared Decision Making (SDM) teams for each of the individual elementary schools and for the Manhasset secondary school. SDM was developed to transform school organizations into learning communities, facilitating effective communication amongst its members. The team is comprised of administrators, faculty, support staff, parents and, in the case of the secondary school team, students. Members serve for one or two year terms.

The goal of SDM is to improve student

performance. Topics and agendas are established through consensus. Responsibilities of members include mandatory attendance at monthly meetings, communication between the team, the stakeholder group, and the executive SCA, and the ability to dedicate a limited amount of time to the efforts being put forth.

If you are interested in being part of your child's school SDM team, please contact your SCA president to volunteer or call and/or email Kathleen Kosciusko, SDM Liaison, at 627-3505 or katkosc@gmail.com. Deadline to volunteer is May 15.

Portledge: Ultimate Summer Vacation Experience Open House April 21

Portledge Summer Adventures will be hosting a Summer Fun Day on April 21 from 10 a.m. to noon at 355 Duck Pond Road, Locust Valley. A sampling of free activities will include art, science, golf, soccer, fencing, baseball, Legos and video game creator.

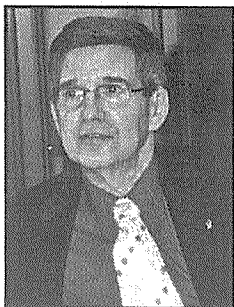
The summer adventures program offers its participants highly personal programs that stimulate and engage children ages 2-15. Surround your child with fabulous instructors, a beautiful 60-acre campus, and a wide variety of dynamic programs. These programs include studio art, glass class, pottery, painting, art and food, sewing, art and animals, fashion design, theatre arts drama program, baseball, softball, volleyball, lacrosse, golf, introduction to Chi-

nese, physics lab, creative writing, science adventure, Lego building, video game creation, minecraft and much more.

Portledge School is also offering summer baseball clinics. Come get ready for baseball with fun skills and drills in pitching, hitting, base running and fielding with our new baseball coach, Fran Battaglia. Special June sessions run the weeks of June 11 and June 18 from 1 a.m. to 2 p.m. Additional summer sessions are July 9-13, July 16-20, and July 23-27 from 9 a.m. to 3 p.m.

For questions or more information, log onto www.portledge.org/summeradventure or contact Melissa Worth at 516-750-3100 or email mworth@portledge.org.

Friday Night at Emanuel



Prof. Fred Lazin

We take pride in presenting guest in the pulpit

PROFESSOR FRED LAZIN

Hurst Professor, Ben Gurion University

Dr. Fred Lazin's talk is entitled:

**Celebrating 64,
Contemplating 65—**

Israel: Yesterday, Today, Tomorrow

Fred Lazin was born in Boston and grew up in Sharon, MA. At the University of Massachusetts in Amherst he was elected to Phi Beta Kappa and graduated cum laude in Government and History. He received his M.A. and Ph.D. in Political Science from the University of Chicago. In 1975 he joined the faculty at Ben Gurion University in Israel where he helped to establish an Interdisciplinary Program in Urban Studies and the Dept. of General Studies. The Lynn and Lloyd Hurst Family Professor of Local Government (emeritus), he is the author of eight books dealing with public policy in the United States, Israel and developing countries, Israeli politics and society, and Jews in American politics. He is currently Schusterman Visiting Professor at American University in Washington, D.C.

Dr. Fred Lazin will offer the unique view of an American who has lived and taught in Israel for more than thirty years.

Please join us
FRIDAY, APRIL 27, 2012 at 7:30pm

Temple Emanuel 150 Hicks Lane, Great Neck, NY 516.482.5701

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