



TENAFLY HIGH SCHOOL'S

LALOR LIBRARY MEDIA CENTER

FALL 2019 "THE BRAIN IN WIDER THAN THE SKY" - WWW.LIBRARYMEDIA.NET - TWITTER: @TENAFLY77

Hackensack Riverkeeper Event

The Tenafly High School Library hosted a landmark event designed to educate students about the protection of our environment and water supply. The event was emceed by Jack Hamparian, a Tenafly environmental science student teacher. In his introduction, he pointed towards the United Nations 17 Sustainable Development Goals or SDGs number 3, *Good Health and Well Being*, number 6, *Clean Water and Sanitation*, and number 14, *Life Below Water*.



Tenafly Middle School students joined our environmental science students for a presentation by special guest Hugh Carola, Program Director of the Hackensack Riverkeeper Inc., a clean water advocacy group. Hugh Carola gave an overview of the Hackensack Watershed, spoke about the Meadowlands and its tributaries, and how lucky it is to still have a remaining portion despite massive growth. As a backdrop to the event, a live video feed of the Tenakill Creek was displayed on a large monitor to help bring home the importance of caring for this precious resource. The Tenakill Creek flows into our local water reservoirs. We consume water from the reservoirs after it is processed, in various drinks. After the presentation, Mr. Carola was joined by Cathy Paz, Middle School Curriculum Supervisor, and Dr. Kennedy, environmental science instructor for a panel discussion. They fielded many eager and interesting questions from students.

The Library as Broadcasting Center

Tenafly High School's Lalor Library Media Center distinguishes itself through its capability to host and broadcast events to the public. Students, as a requirement of Mr. Moger's *Media Television, and Video* class held in the library's *Newsroom*, perform a public service through taking part in broadcasting events to the community. Their work strengthens the public through knowledge and provides a valuable service to the community of Tenafly and beyond. Here are some examples of recent broadcasts on Tenafly's Channel 77, also available on demand at www.librarymedia.net under *Mediatech*:

Home School Association Candidates Night



Hackensack Riverkeeper Program

Bergen County Freeholders



THS Annual Senior Halloween Parade

Please note: There is a weekday live student produced broadcast "Tiger Rundown" on Channel 77 at 9:12 a.m. The entire student body tunes in and we hope you will too!

Tenafly High School Marching Band Wins USBAND Competition

The THS Marching Band won first place and highest score overall in the USBAND competition at Bergenfield High School, 13 October 2019. **Michael Jacobetz**, Marching Band Director and his students worked hard to earn this award. Students must exercise multiple precise skills while having a keen sense of awareness in order to be successful. Mr. Jacobetz, assisted by Jim Millar, assistant band director, Jay Obrien-percussion instructor, Shawn Hajizadeh-percussion instructor, and Jillian Rothstein-color guard instructor prepared students with hours of practice late into many evenings.

Tenafly High School Students Experience Traditional Chinese Music

Funded by the Tenafly Educational Foundation, *Music From China* performed in front of over 250 students at Tenafly High School. Founded in 1984, *Music From China* a renowned New York based chamber group performing with authentic traditional Chinese instruments. Susan Cheng, Executive Director and performer, explained the background of each musical piece as well as introducing the various instruments to include the erhu, pipa, guzheng, and daruan.



A large cross section of Tenafly High School students, to include those studying music and Mandarin Chinese language, for the hour long performance. The intimate

atmosphere of the Tenafly High School Library Media Center provided students with a unique, up close experience. At the conclusion, **Music from China** was joined by the Tenafly High School Orchestra, conducted by **James Millar**, to perform a traditional piece entitled *Blooming Flowers and Full Moon*. The title symbolizes two very different things in their fullest state - a good hope for students everywhere! This unique program was broadcast live to the community and was taped for later viewing on community access television as well as streamed on www.librarymedia.net.

Attendance at the Aesthetic Realism Teaching Method Seminar

On November 7, David Di Gregorio attended a groundbreaking seminar for educators at the Aesthetic Realism Foundation in New York City entitled "The Aesthetic Realism Teaching Method: Students LEARN, Prejudice Is Defeated!" At the well-attended seminar, a cross section of educators presented this one-of-a-kind method; Lori Colavito (elementary education, NYC & Southampton public schools), Zvia Ratz (mathematics, NYC middle schools, currently MS 223), Patricia Martone (ENL, NYC elementary schools, currently PS 110) Christopher Balchin (social studies, NYC high schools) Rosemary Plumstead (science, NYC high schools, teacher educator) and Arnold Perey, Ph.D. (instructor, The Aesthetic Realism Teaching Method). In each paper, actual classroom experiences were described as the presenters explained how education can thrive and prejudice ends when students see how the subjects they study stand for a world they can honestly respect, because its structure is beautiful. The means is this principle stated by Eli Siegel: "The world, art, and self explain each other: each is the aesthetic oneness of opposites." For example, a cell wall puts together "for" and "against" as it possesses both hydrophilic and hydrophobic properties. The cell wall beautifully includes what is needed by

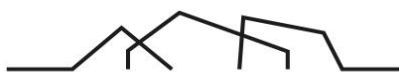
the cell and excludes what is not needed – Is that happening in the person sitting next to you? Do we include and exclude as well as a cell wall? At the seminar, much more was said about how this method both enables students to learn with meaning and also be kinder to one another.

Catch the Sun: How Fusion Energy Can Benefit Our Societies

On 4. November science instructors Helen Coyle, Anat Firnberg, Carol Pastushok (retired) accompanied David Di Gregorio attended **Catch the Sun**



- an event at the German Consulate in New York City. **Catch the Sun** organized by the **German Center for Research and Innovation** brought together top scientists in the field.



German Center for Research and Innovation New York



Land of Ideas

"Fusion, the nuclear reaction that powers the Sun and the stars, is a potential source of safe, non-carbon emitting and virtually limitless energy," states the ITER (International Thermonuclear Experimental Reactor) fusion energy research project. Nuclear fusion — making energy by forcing hydrogen atoms to merge — is quite different from the nuclear power we use now at generating stations around the globe. With welcoming remarks from **Benedikt Brisch**, Director of the

German Center for Research and Innovation, the audience heard from David Gill, Consul General of Germany in New York. An all-star cast began with a keynote on "Additive Technologies and Fusion Energy" by Prof. Dr. Thomas Hanemann (Laboratory for Materials Processing, Department Microsystems Engineering IMTEK, University of Freiburg) and Prof. Francesco Volpe (Founder of Renaissance Fusion). After these presentations, a panel discussion included Hans-Henrich Altfeld (Head of Project Control Office, ITER, Cadarache, France) Prof. Dr. Joachim U. Knebel (Head of Division Mechanical and Electrical Engineering, KIT – Karlsruhe Institute of Technology) Dr. Amanda Hubbard (Principal Research Scientist, MIT, Cambridge) Prof. Dr. Michael E. Mauel (Department of Applied Physics, Columbia University, New York), Prof. Dr. Thomas Sunn Pedersen (Head of Stellarator Edge and Divertor Physics, Max-Planck Institute of Plasma Physics in Greifswald), Prof. Allan Offenberger (Founding President of Alberta/Canada Fusion Technology) and panel discussion Moderator Dr. Markus Lemmens (Marketing Director and Partner KBHF GmbH - Fusion Energy, KIT – Karlsruhe Institute of Technology).

The up close exposure to these leaders, in a field representing an important emerging Earth saving technology brings important learning to Tenafly High School faculty and by extension, their students!

*THE BRAIN is wider than the sky,
For, put them side by side,
The one the other will include
With ease, and you beside.

The brain is deeper than the sea,
For, hold them, blue to blue,
The one the other will absorb,
As sponges, buckets do.

The brain is just the weight of God,
For, lift them, pound for pound,
And they will differ, if they do,
As syllable from sound.

- Emily Dickinson -