

## Who you gonna call? The CyberLancers!

The *Air Force Association*, with support from *Northrup Grumman* and other sponsors, has developed a competitive program in cyber security for high school students. The *CyberPatriot Competition* pits the agile minds and developing skills of high school teams against vulnerable computer systems.

The Academy's team, the *CyberLancers* – (below during the first round of the competition) *Seoyoung Lee, Kelly Zheng, Michelle Uchida, Sara Tashima* and *Alexis Fraga*, – are learning how network administrators maintain security within their computer systems as they prepare for challenging

rounds of competition.

On Friday, November 4, after a full day of school, the CyberLancer team settled into their computer lab, also known as "The Cave," reviewed their competition strategy once more and began the six-hour first round.

Passwords were strengthened. Access and permissions were secured. Updates and scans and patches were run – all while maintaining critical services for the network users.

In the end, 100 percent of the competition vulnerabilities were located and effectively handled – with 28 minutes to spare.

As the CyberLancers prepare for the second round on December 16, they are honing their skills and opening

their futures to careers in cyber security and other math, science and technology career fields that are critical to our nation's future.

*Deborah Kula* is the faculty advisor, and community mentors include: *Jake Ross, Jason Tsang, Rob Sprott, Chris Kula, Mark Harysch* and *Dave Middlestadt*.



## Competition was VEX-ing

Last weekend was the *Oahu East VEX Tournament* at *Iolani School*, and the Academy sent two of their three teams to participate.

Both teams passed inspection and competed in the qualification rounds – pairing alliances, setting up strategies and working with other teams. One of the teams advanced to the quarterfinals and made a valiant effort.

The next event is the *VEX Robotics Pan Pacific Championship* on December 1 to 3 at the Hawai'i Convention Center.

VEX Robotics resemble Erector set parts with motors and gears.

## Q & A Student Center Q & A

### How long (in square feet) is the construction wall?

(First person to submit winning answer to *Andrea Hamilton* at [ahamilton@sacredhearts.org](mailto:ahamilton@sacredhearts.org) or 734-5058, ext. 229, by November 24 will receive a \$10 gift card)

*Congratulations to last week's winner, Jillian Anderson! (Answer is 37,250 ft.)*

## From the Head of School

There is really little down time in the life of the school.



The successful run of Disney's *Mulan* was quickly followed with the launching of the Lancer Robotics season. And, in the meantime, the students are involved with various Thanksgiving, Christmas and performing arts activities.

The Lancer Robotics Program was established at the Academy in 2007 to help prepare students for the ever-advancing technological world. The Program is a definite springboard for girls to seek college degrees, internships and scholarships in STEM areas. Education and hands-on-training opportunities, provided by faculty and volunteer mentors from the community, are made available to students in grades four to 12.

In past years, The Lancer Robotics teams have been successful in the FRC, VEX, LEGO and Real World Design Competitions, and it is with much anticipation that we also turn our attention to the CyberPatriot competition discussed on page 1 of this e-Parentline issue.

*Betty White*

## Where the girls are

### ▶ ▶ ▶ ARMING FORCES

At the annual *Armed Forces Communications and Electronics Association (AFCEA) Conference* on November 2 at the *Sheraton Waikiki Hotel*, *Lancer Robotics* was granted a booth to showcase its robot, and team members spoke to business representatives, members of the military and engineers about the school's robotics program.



### ▶ ▶ ▶ ROBOTING LEGO

On November 12, the Academy's two *LEGO Robotics* teams – one from the Lower School and one from the Junior High – competed at *Kalani High School*.

Each team worked hard to design, program and build their robot for three to four missions, prepare their presentations and fine-tune their teamwork skills.

## Lead a better life by reading

The purpose of the *Scholastic Book Fair* this year, themed "*Read everyday. Lead a better life,*" was to encourage students to read.

Each Lower School class browsed through the selections, created a wish list, and bought books. What was the best part? Students were able to read the latest and greatest books with their friends, and the older students were able to read to the younger students and help them with their wish lists.

The online Book Fair continues through November 29 at [www.scholastic.com/schoolbookfairs](http://www.scholastic.com/schoolbookfairs).

Forty percent of the profit from the Fair goes towards buying new books for the library.

## Reaching for the Moon

As the Academy's students and faculty diligently study the *New English Translation of the Roman Missel*, the Choir is taking it back to the basics – *Latin*, of course.

The Academy Choir partnered with Maryknoll and Saint Louis School to commission a composer with local roots, former Honolulu resident *Bert Moon*, to write a new setting of the Mass, using the Latin text. Moon visited the Academy Choir and discussed his inspiration for the music of his new work, "Mass." Brazilian Samba rhythms drive the "Gloria" and "Sanctus" movements, and the Choir researched these types of music with an introductory ZUMBA class.

The world premiere of Moon's Mass is slated for November 23 at 6 p.m. in the Academy's St. Margaret Mary Chapel.

### OTHER UPCOMING EVENTS

*Sharing Our Blessing Prayer Services & Canned Food Drive*  
November 21 – Chapel

*Mass of Christ the King & Thanksgiving*  
November 23  
Gymnasium at 7:50 a.m.

## Young diplomats learn benefits of language acquisition

At the Academy's recent APEC assembly, *Ambassador Lauren Moriarty* (below during a question and answer session with students from around the Island) described the importance of learning a second language, and the effect it may have had on her career. Ambassador Moriarty



listed an impressive repertoire of languages she studied, ranging from Spanish to Urdu.

The *World Language Department* continuously works hard to motivate students to continue their language learning experience.

The future *Guest Speaker Series* will feature bilingual professionals who will discuss with students their use of a second language in the workplace.

In January, a *Teachers' Panel Session* will focus on the benefits of second language learning during World Language Week.

## Modeling APEC leaders

On November 11, three members of the *Pacific Asian Affairs Council (PAAC)* participated in a *Model APEC Forum* sponsored by *Iolani School* and hosted by *Punahou School*.

The Academy was represented by (right simulating an exercise with *Nicholas Bardo*) *Michelle Hahn*, *Cindy Hyun* and *Tricia Kuhn* who collectively represent-



ed Russia in the categories of Trade and Investment, Energy and Security.

The day was capped by a speech from *Dr. Denise Eby Konan*, professor and chair of the Department of Economics at the University of Hawaii (UH) at Manoa and senior advisor to the UH President on APEC.