

She Breaks First Law of Thermodynamics



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Nels Jensen

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If you are not familiar with **Dianna Cowern**, search online for Physics Girl and check out one of her YouTube videos. Prepare to be amazed.

Cowern is the Science Outreach Coordinator for UC San Diego's Center for Astrophysics and Space Sciences. She's a 2011 graduate of the **Massachusetts Institute of Technology**, was an astronomy research fellow at **Harvard University** and a software engineer for **General Electric**. And for the past three-plus years she's been making educational videos explaining how physics affects everyday life.

Last year, she won **Alan Alda's Flame Challenge** national science competition and was honored at the World Science Festival. She's on a panel at the STEM conference — The Job Landscape Today And Tomorrow: The San Diego View. You'll be seeing more of Physics Girl. She's a budding rock star in the science world.

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When they bought the land in 2000, there were no roads to access the parcel. When they first went before the Torrey Hills community planning board to pitch their idea of a business hotel campus, the assumption was they

Physics Girl is going to be in the spotlight at the U.S. News & World Report STEM Solutions National Leadership Conference at the **San Diego Convention Center** on June

Palomar May Close Its Downtown Hospital

HEALTH: Escondido Facility Losing \$20M; Board to Decide June 24

■ By BRITTANY MEILING

Palomar Health may close its downtown Escondido hospital, the board announced.

The 65-year-old hospital building between Grand Avenue and Valley Parkway is losing about \$20 million per year and may need to close within the next few months.

The Palomar Health Downtown Campus houses labor and delivery, rehabilita-

tion and behavioral health departments, and a standby emergency room.

If the Palomar board decides to close the structure at a meeting scheduled for June 24, those departments would be moved to **Palomar Medical Center** three miles away on Citracado Parkway and **Pomerado Hospital** in Poway.

Bobette Brown, a spokeswoman for Palomar, said there will be layoffs involved in the process of moving services, though no information was available on how many jobs would be eliminated. She said efforts will be made to preserve as many jobs as possible.

Since it opened in 1950, the hospital

has been an integral part of downtown Escondido, and there was concern when Palomar announced it would build its new hospital in a business park on the west side of town.

However, hospital officials mitigated concern with a promise to maintain its downtown presence in addition to the new hospital.

It was not clear what would be done with the downtown property if it is closed. In a list of frequently asked questions posted on the hospital's website, Palomar says it "will be conducting a thorough review to determine the highest and best use of the downtown site."

ViaSat Joins Board of San Diego Cyber Center

TECH: VP Goodwin Will Represent Company

■ By STEVE ADAMEK

ViaSat Inc. announced it has become a board member of the **San Diego Cyber Center of Excellence (CCOE)**, a nonprofit that fosters collaboration among companies to establish San Diego as a worldwide center for cybersecurity products and services.

Carlsbad-based ViaSat offers satellite communications products and services to the military and commercial markets.

Representing ViaSat on the San Diego CCOE Board is **Jerry Goodwin**, vice president of ViaSat's Secure Networking Systems division.

"With every new data breach, it becomes increasingly evident that cybersecurity is a critical issue for today's enterprises," said retired Rear Adm. **Ken Slaght**, co-chair and president of the San Diego Cyber Center of Excellence.

"We are honored to have ViaSat join our elite roster of San Diego CCOE board members, as ViaSat brings a depth of accredited cybersecurity experience that will help us to further expand the region's knowledge in cybersecurity services, products and capabilities."

According to ViaSat, its cybersecurity services include: threat analysis, comprehensive network vulnerability assessment,



Ken Slaght

cyber sensor implementation and deployment, mobile enterprise management, secure storage and hosting services.

"For decades, ViaSat has held a strong position in the cybersecurity market, helping governments and commercial enterprises worldwide operate large-scale, secure communications networks," Goodwin said. "By joining the San Diego CCOE Board of Directors, we are helping to build San Diego's presence as a cybersecurity innovation hub that accelerates how organizations can deploy trusted, resilient cybersecurity systems."

As a member of CCOE, ViaSat joins a collection of cyber companies with operations in San Diego such as **Qualcomm**, **FICO**, **Lockton Insurance**, **ESET**, **Sentek Global** as well as **SPAWAR**, the U.S. Navy's Space and Naval Warfare Systems Command.

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