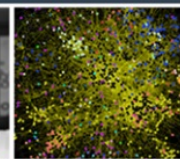


Friday, May 13, 2016
1:00 p.m. to 2:15 p.m.
Salk Institute

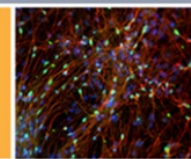


BREAKTHROUGH
BIOMEDICAL
PHILANTHROPY

MAY 12-13, 2016



investing



discovery



partnerships



A new playbook for funding science



Oh, the Places You'll Go!

UC San Diego
Extension

UC San Diego | Extension

UCSD Extension has a long history of serving industry, community and the adult life-long-learning needs at **every** stage of life.


Government

Retirement Jobs

Family Health Friends


Industry







K-16 Programs


Pre-College



College



Starting Career



Mid-Career



End-Career



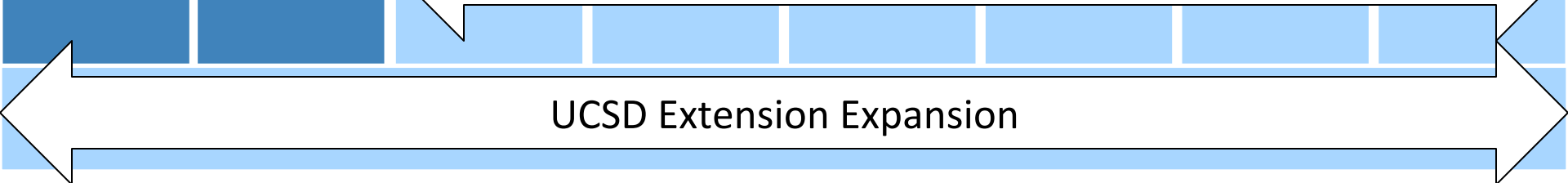
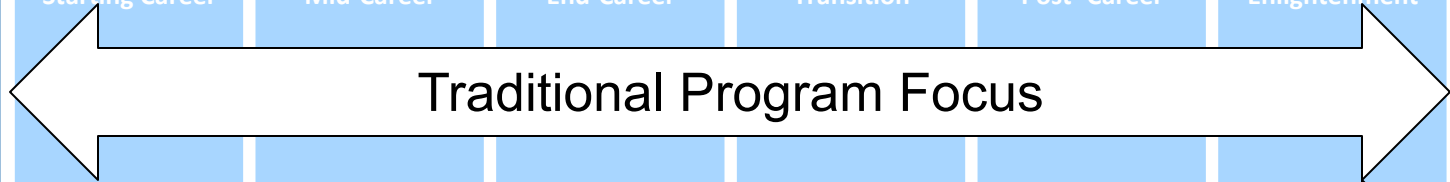
Transition



Post -Career



Enlightenment



In the Summer of 2010 our Pre-College strategy was initiated...

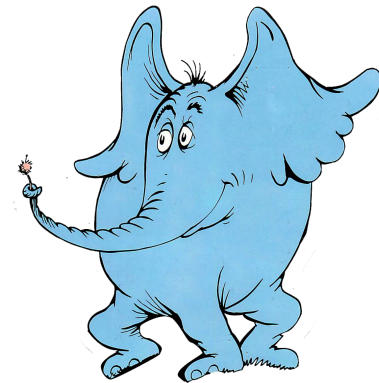
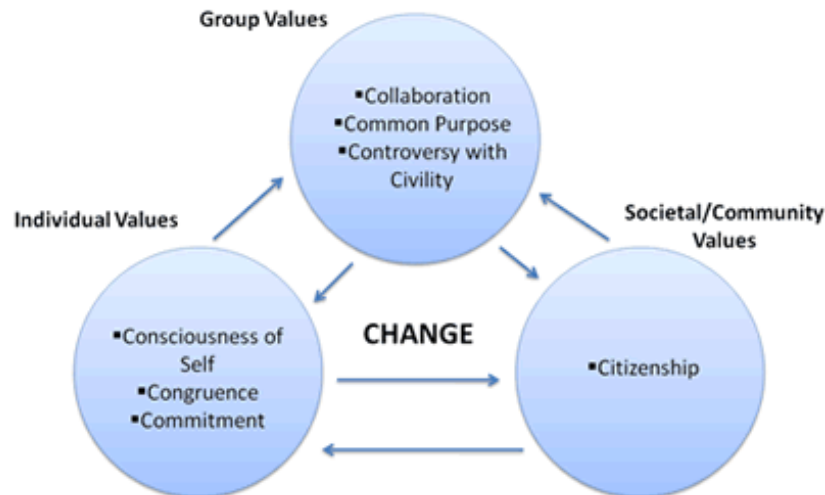


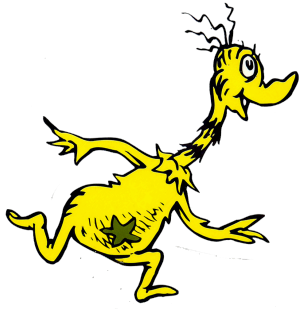
How do we train students today for jobs that do not exist yet?



Guiding Principles

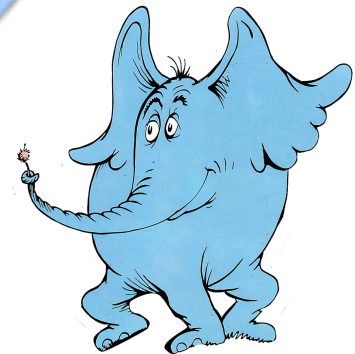
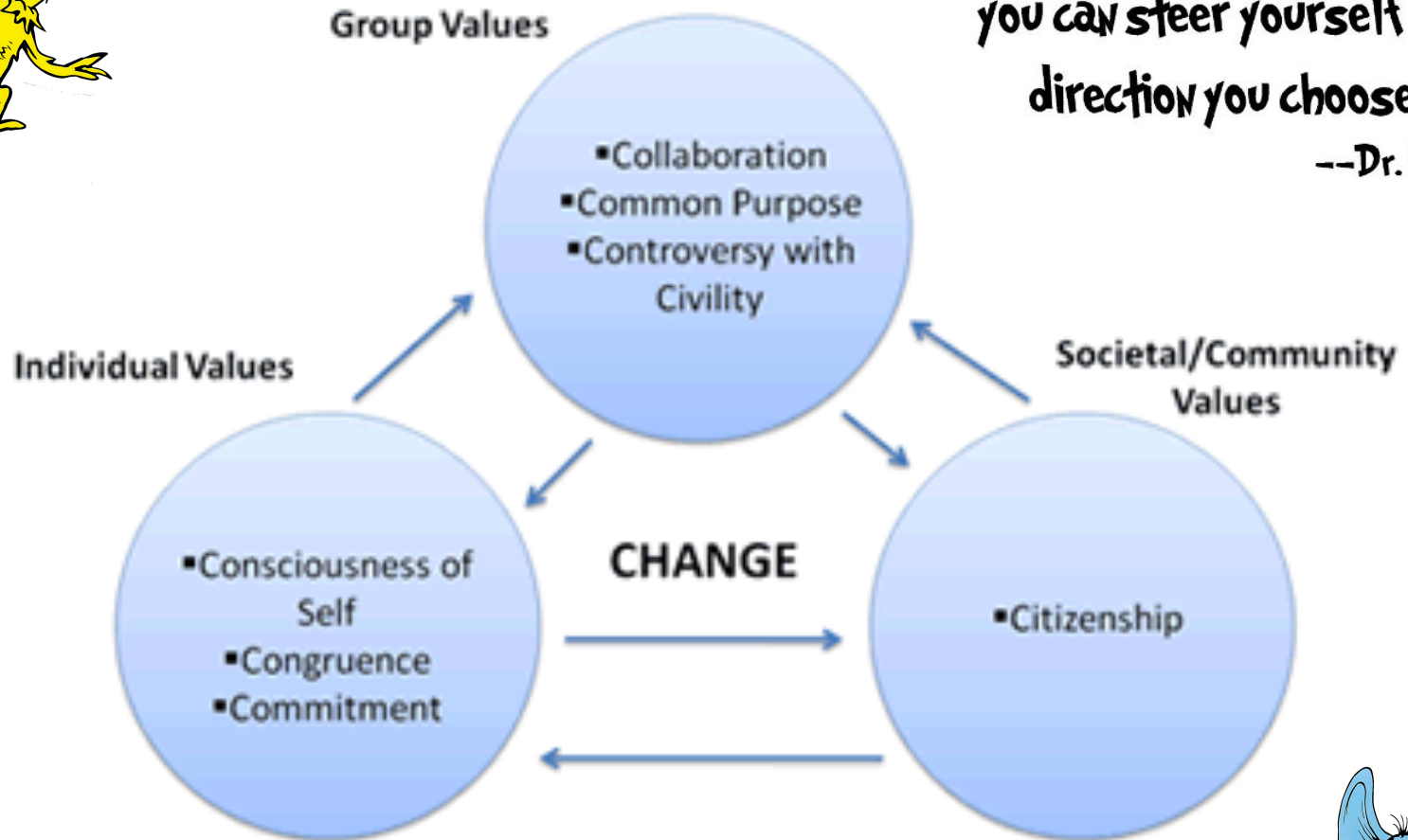
- We seek to **Unlock the Genius** in every student
- Self-sustaining via a "**Robin Hood**" business model
- Scholarship selection through **Partnerships**
- Transactional vs. **Transformational**
- **STE[+a]M** not STEM
- Program Embedded **Student Development Model**





"You have brains in your head
and feet in your shoes,
you can steer yourself in any
direction you choose!"

--Dr. Seuss



Academic
Connections

Test Prep

Pre-College
Programs

STE[+a]M

Dual Enrollment



**"You have brains in your head
and feet in your shoes,
you can steer yourself in any
direction you choose!"**

--Dr. Seuss



AND one more thing



Things to Cover



Community Outreach



STE[+a]M Channel



Sally Ride Science @ UC San Diego



Things Covered Today



Community Outreach





Community Outreach

Our community outreach efforts seek to to create and sustain commitment and engagement to the community we serve based on the UC San Diego Strategic Plan and strategic objectives of the Extension Dean



Extension Supporting San Diego for 50 Years



- Center for Research on the Regional Economy
- Osher Lifelong Learning Institute
- Helen Edison Lecture Series
- Global CONNECT™
- UCTV & UCSD-TV
- Individual Department Outreach Efforts





Community Outreach

- Outreach to San Diego Region
 - Southeast San Diego
 - City Heights
 - Imperial Valley
 - South Bay
- Connection to Regional Partners
 - Reality Changers
 - Barrio Logan College Institute
 - Promise to Kids
 - Sycuan and Viejas
 - Elementary Institute of Science/Jacobs Center
- Diversity – Connect to Key Demographics

**Don't give up.
I believe in you all.
A person's a person
no matter how small.
– Dr. Seuss**



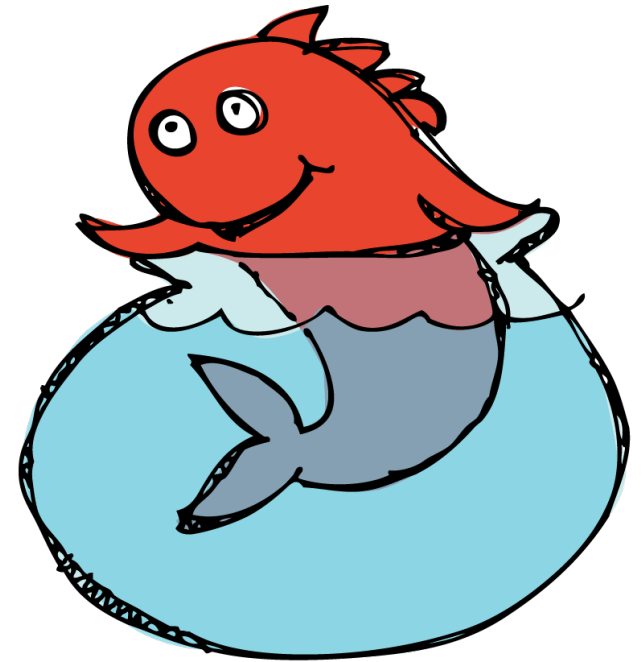
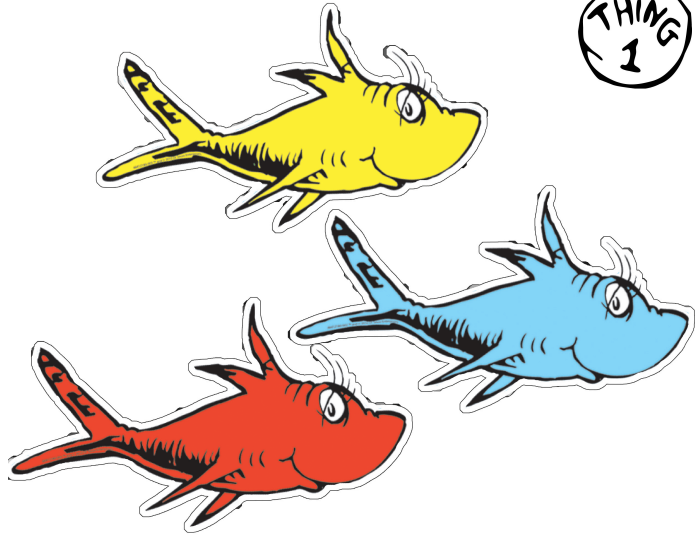
Robotics Course

Scripps programmer Alan Yang instructs students building robots in a robotics course. This special course was designed and implemented through a three-way partnership among Scripps Institution of Oceanography at UC San Diego, UC San Diego Extension, and EIS.



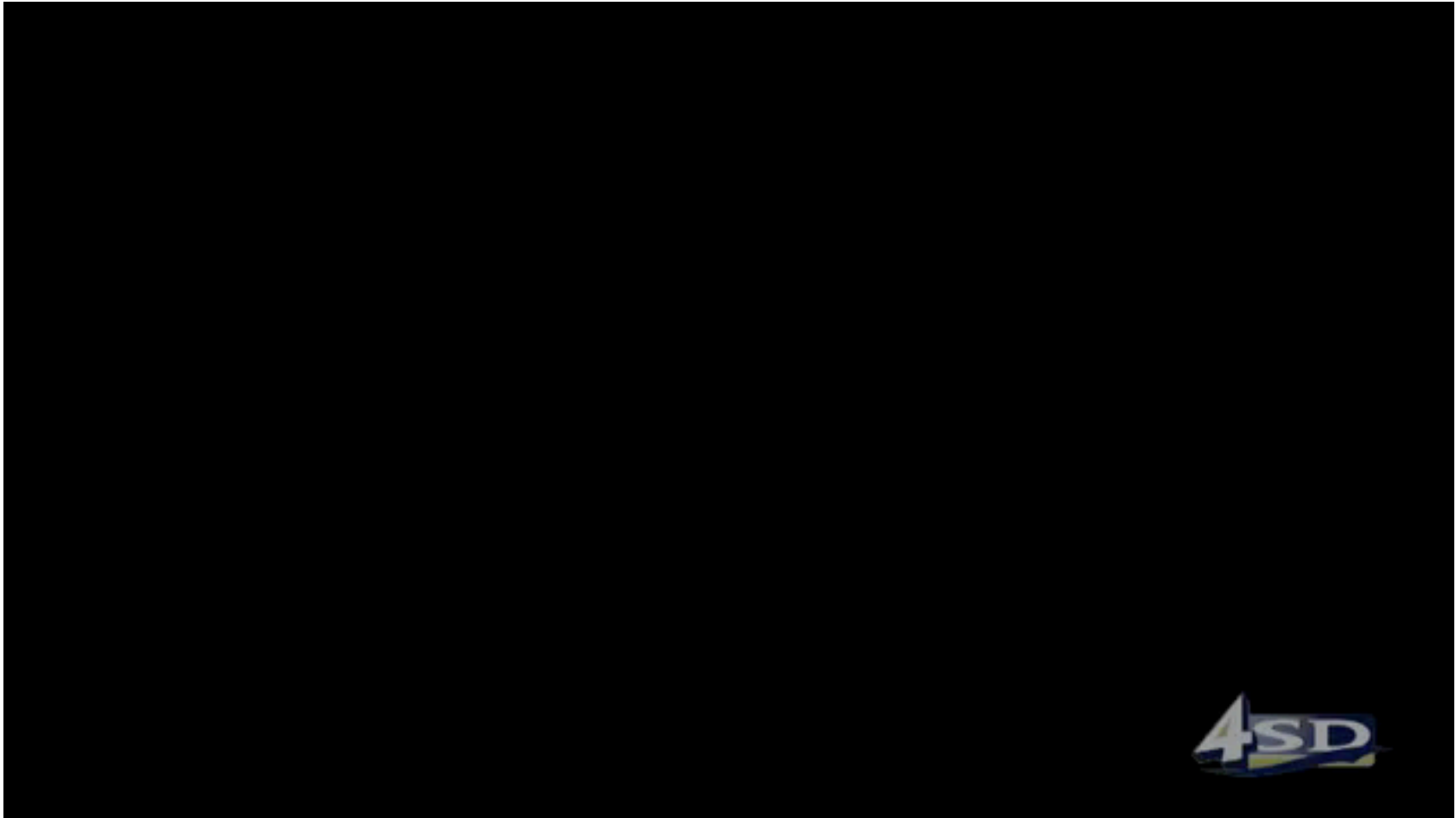
Videos

- Elementary Institute of Science
- Imperial Valley
- Sycuan/Viejas





Elementary Institute of Science





Imperial Valley





ON THE NATIONAL STAGE



Holtville resident Cynthia Cortez had the opportunity to present her research findings to U.S. Rep. Juan Vargas, D-San Diego, recently as part of her participation in the University of California, San Diego, Global Environmental Leadership and Sustainability program. PHOTO COURTESY OF CYNTHIA CORTEZ

Summer program allows student to lobby in DC

BY JULIO MORALES
Staff Writer

Although 17-year-old Cynthia Cortez has public speaking experience, she admits she was a little nervous prior to her recent presentation about local environmental issues to federal lawmakers in Washington, D.C.

"It's different speaking to classmates than legislators," the soon-to-be Holtville High School senior said.

Despite her nervousness, she said she felt up to the task as a result of the training and research she had conducted as part of the University of California, San Diego, Global Environmental Leadership and Sustainability program.

The two-week program concluded this past weekend, and allowed Cynthia to first spend one week at

UCSD's Scripps Institution of Oceanography in San Diego, followed by a week in the nation's capital at the university system's Washington Center.

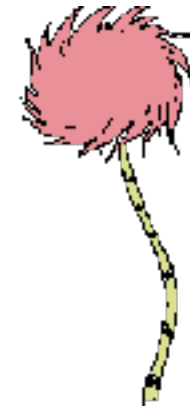
Aside from researching environmental issues and the legislative process, the program also provided opportunities for personal development.

"What I really did get out of it was the leadership skills," Cynthia said.

With the state in the midst of a historic drought, Cynthia said she chose to draft an issue paper about the benefits of drip irrigation.

The 10 participants in the program then had to present their research findings to their respective Congressional representative as well as a pair of Congressional committees.

SEE CORTEZ | A7



CORTEZ

Continued from A4

Cynthia said her meeting with U.S. Rep. Juan Vargas, D-San Diego, went well, and that he even offered to help her draft policy that could be of future benefit to the Valley.

"That was pretty exciting," she said.

Vargas wasn't the only local politician Cynthia got to meet. She and her cohorts also joined Sen. Dianne Feinstein for a constituent breakfast and had an opportunity to pose for a photo with Sen. Barbara Boxer.

As a respite from their academic responsibilities, program participants did some sight-seeing and a special behind the scenes tour of the Smithsonian National Museum of Natural History.

"We got to see and touch the bird and in-

sect collections, which, I might add, is completely off limits to the public," Cynthia said.

Last year, Cynthia had participated in UCSD's Academic Connections program, a three-week program that provides high school students an opportunity to take college-level courses and earn college credits while staying at the university's dorms.

For the past two years, the Academic Connections program has provided full scholarships to one student from each of the Valley's high schools as part of the university's effort to establish a bridge to Valley students and provide them an academic opportunity that they otherwise may not have had.

Cynthia was also the first local recipient of a full scholarship to take part in the university's Global Environmental Leader-

ship and Sustainability program.

With the school year fast approaching, Cynthia now turns her attention to college applications. And although she said she is not sure yet what she plans to major in, she feels confident that she will be able to succeed largely because of the lessons she learned from the Academic Connections and GELS programs.

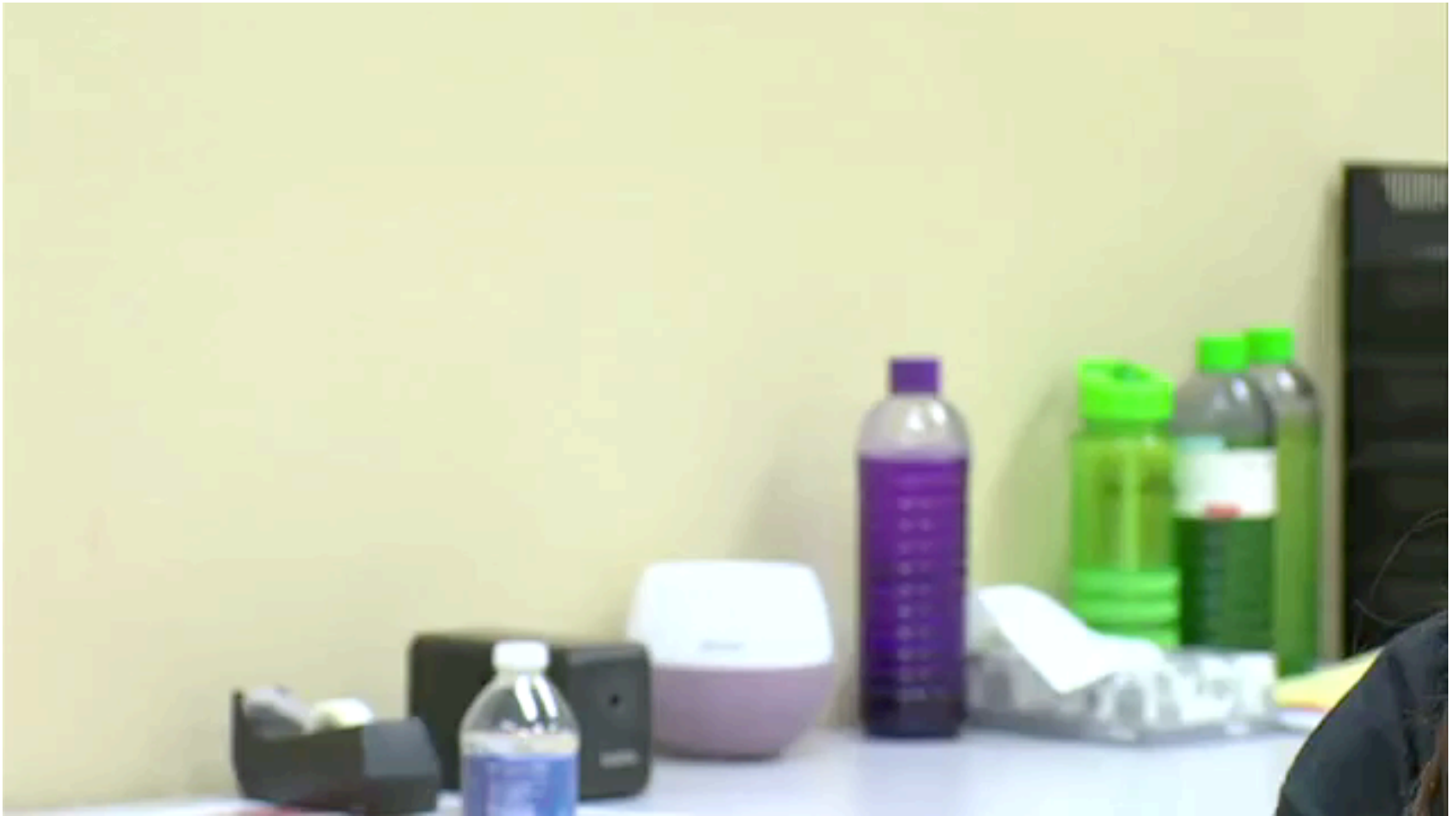
"Regardless of what major I choose, I will excel in whatever field I go into," she said.

Staff Writer Julio Morales can be reached at 760-337-3415 or at jmorales@ivpressonline.com

Check out our website at www.ivpressonline.com



Sycuan/Viejas



Things Covered Today

THING
1



THING
2

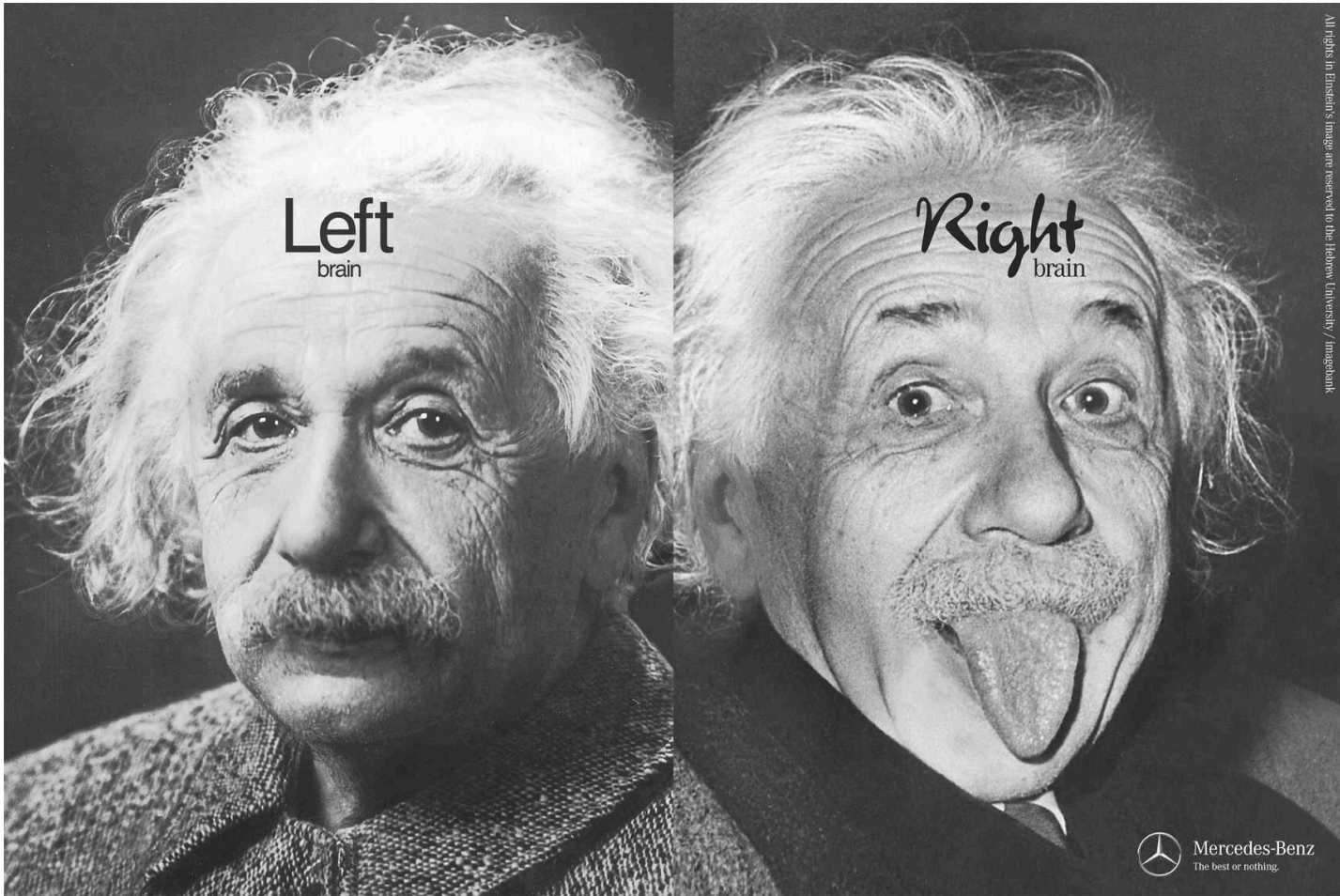
STE[+a]M Channel

THING
3



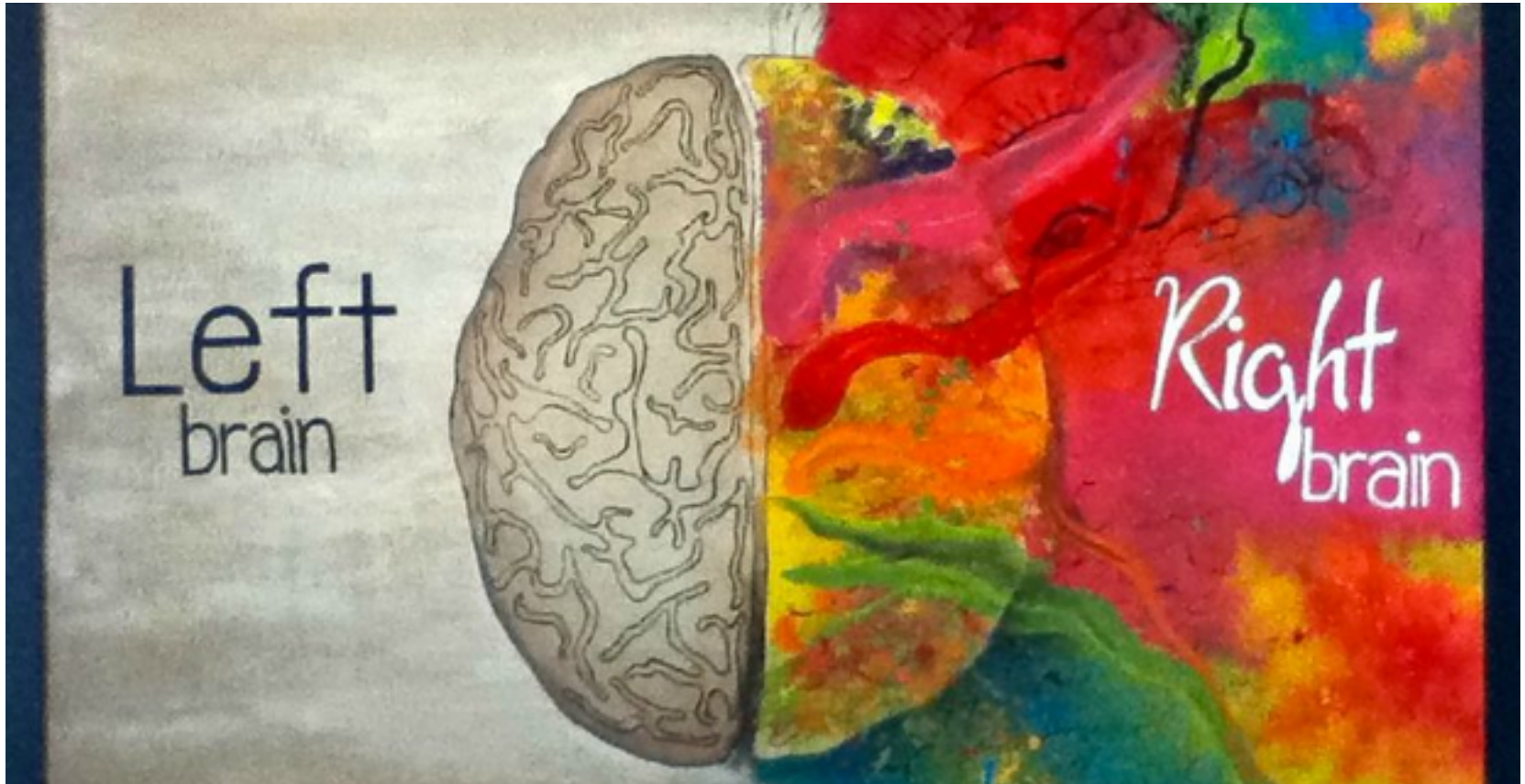


STE[+a]M



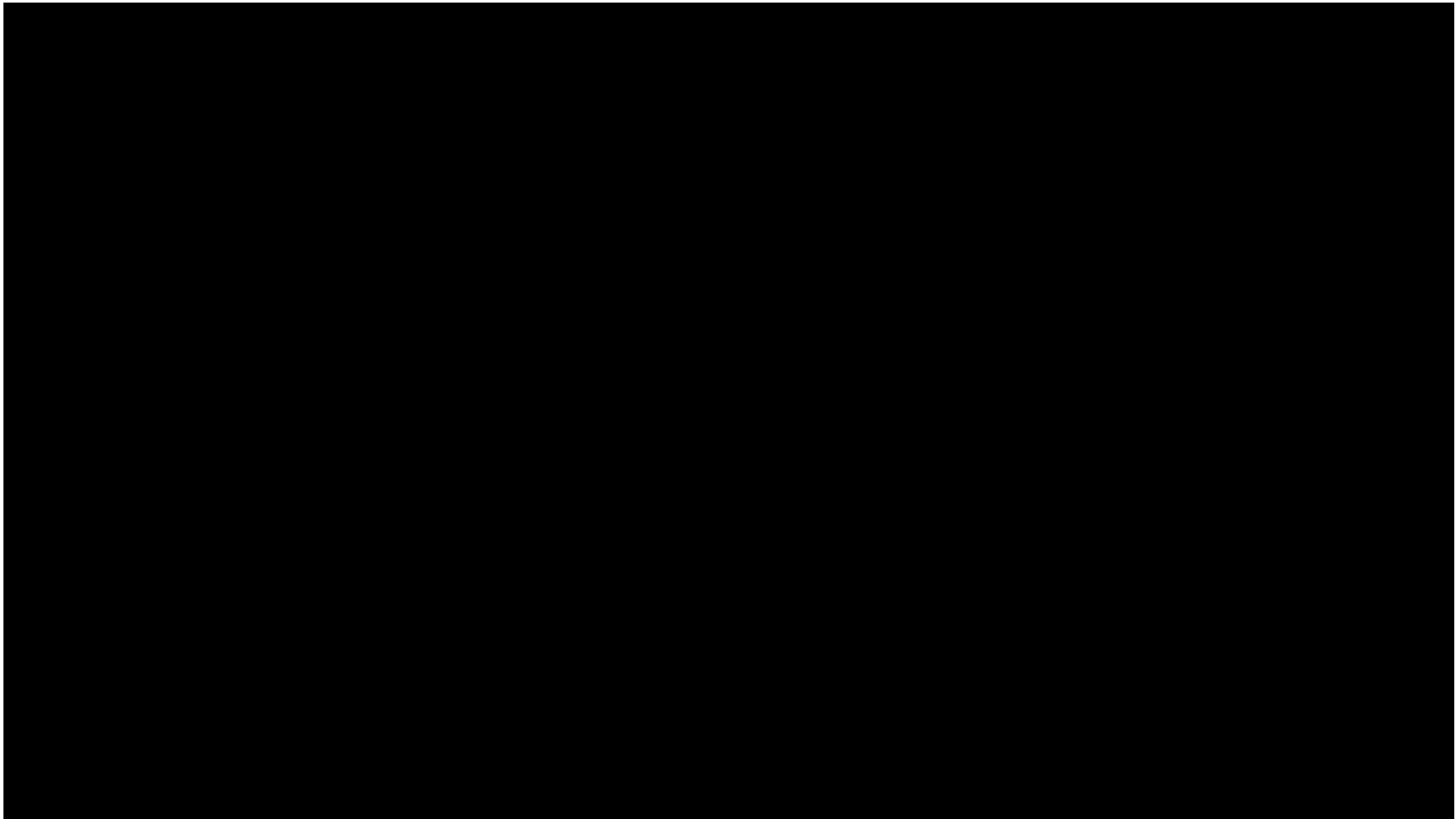


STE[+a]M = Innovation





STE[+a]M Channel



Things to Cover

THING
1

THING
2

THING
3

Sally Ride Science @ UC San Diego





Sally Ride Science @ UC San Diego



thisweek@ucsandiego

October 22, 2015

Oct. 23 - 7 p.m.
**Women's Volleyball
vs. Chico State**

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Astronaut, UC San Diego alumna Kate Rubins to rocket to International Space Station

Kate Rubins has always been starstruck by the night sky. Growing up, she attended star-gazing parties and plastered her room with images of faraway galaxies. In May 2016, Rubins' long-held aspiration to travel to space will become a reality when she voyages to the International Space Station as part of Expedition 48/49. A biochemist and 1999 graduate of the University of California, San Diego, Rubins will help conduct more than 100 microgravity experiments to gain insight into how the mechanics of life happen outside of our planet. [Read More »](#)



Sally Ride Science Launches at

San Diego Supercomputer Center



Sally Ride Science Launches at UC San Diego

Blasting aboard space shuttle Challenger in 1983 to become the first American woman—and at age 32, the youngest American in space—the late Sally Ride captured the nation's imagination by breaking barriers. Her legacy also includes inspiring generations of students to pursue careers in science, technology, engineering and math (STEM) through Sally Ride Science, a science education company she co-founded in 2001. [Read More »](#)



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EDUCATION

Sally Ride Science dissolves, partners with UCSD

New venture founded by late astronaut will expand as nonprofit



By Gary Warth | 6:57 p.m. Oct. 22, 2015 | Updated, 6:58 p.m.



LA JOLLA — The San Diego-based educational company started by the late astronaut Sally Ride has been dissolved and is relaunching as a nonprofit run by UC San Diego.

The newly renamed Sally Ride Science at UC San Diego is expected to begin offering expanded educational programs and activities for K-12 students early next year, the school announced Thursday.

Tam O'Shaughnessy, who co-founded Sally Ride Science in 2001, will stay on board as an unpaid executive director. Fellow co-founder Karen Flammer, a UC San Diego research physicist, will serve as director of education and is the only other employee from the company making the transition.

Sally Ride, the first American woman in space, founded the business with Flammer, O'Shaughnessy, Terry McEntee and Alann Lopes to promote science, technology, engineering and math to young people, with an emphasis on girls and historically underrepresented K-12 students.

Ride served as CEO of the company until her death from pancreatic cancer in 2012 at age 61.

O'Shaughnessy said the partnership will breathe new life into the program, which has been struggling in recent years to find funding.

"Even before Sally passed away, we knew that we needed help with distribution and scaling up," said



[CLICK TO TOUR](#)

TOP STORIES



Judge suggests \$16.7M Edison fine

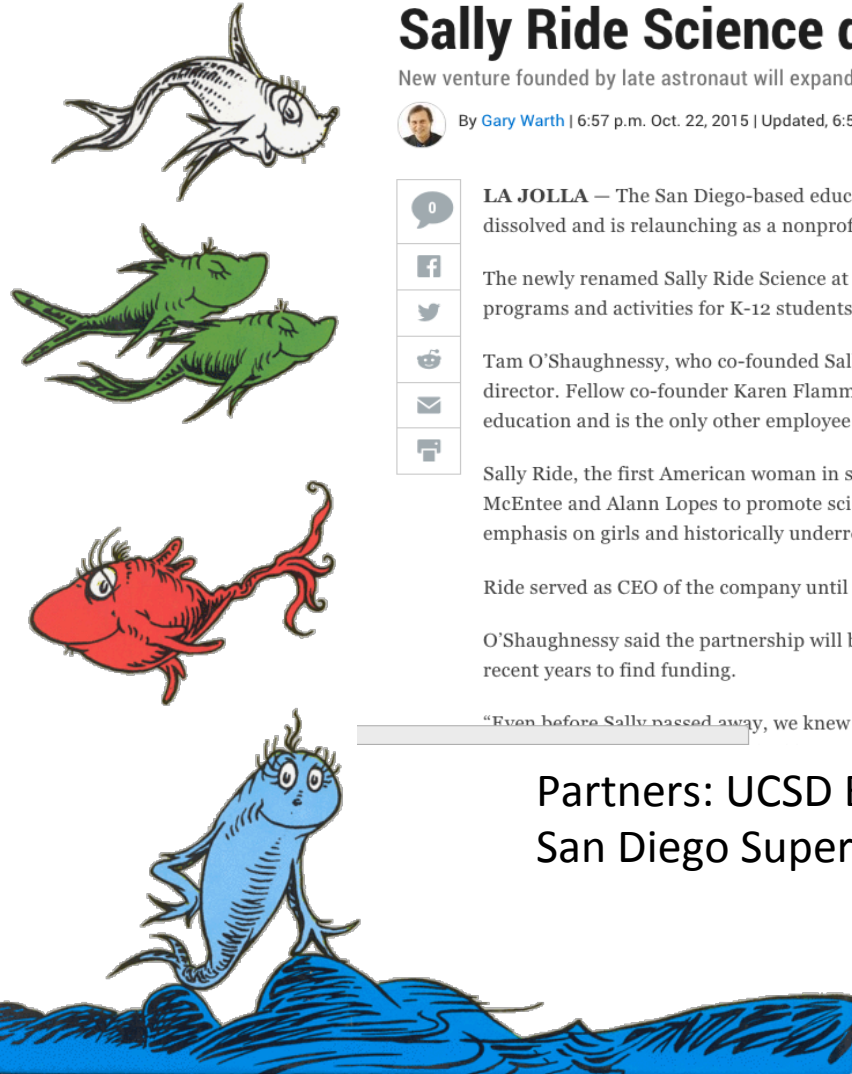


Study: San Diego worst city in America to build wealth



Harper says murder verdict was 'shock'

Partners: UCSD Extension, Scripps Institution of Oceanography, San Diego Supercomputer Center

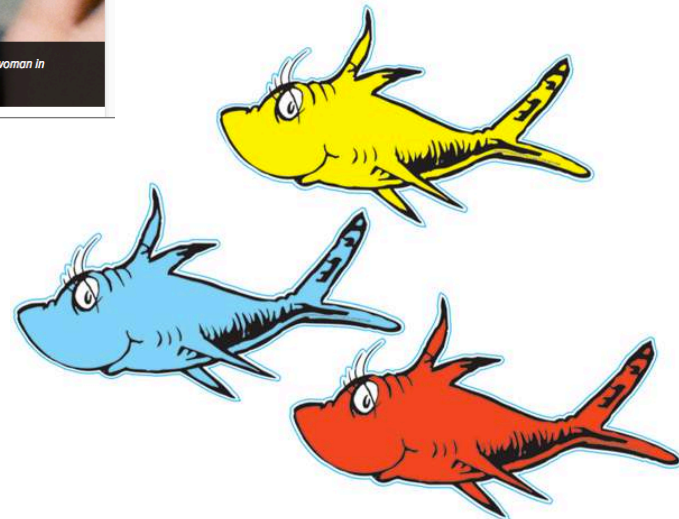


Sally Ride Science Launches at UC San Diego



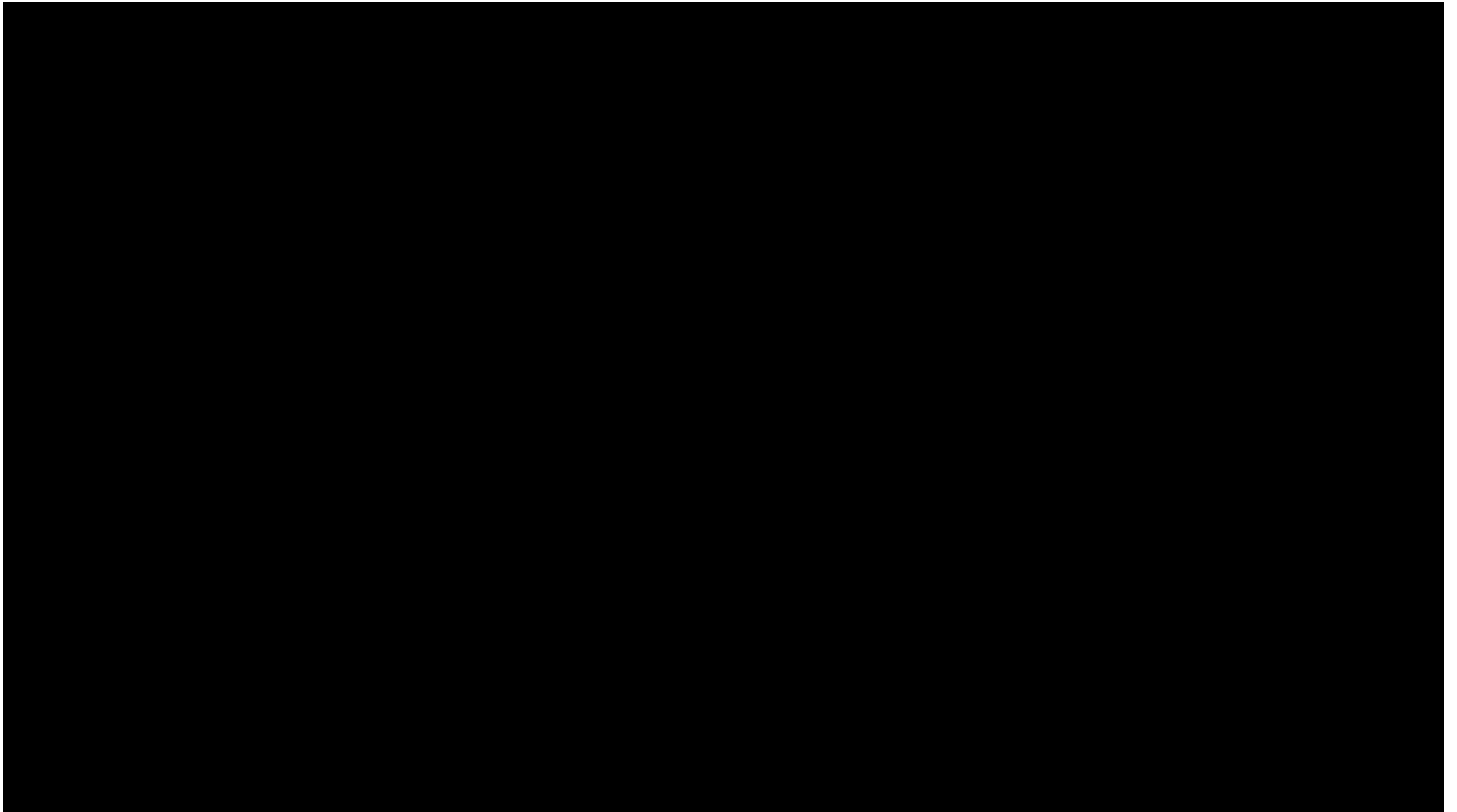
STEM outreach program to continue legacy of first American woman to fly in space

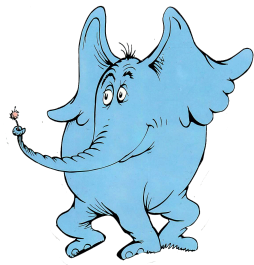
Sally Ride was the first American woman in space. Photo by NASA





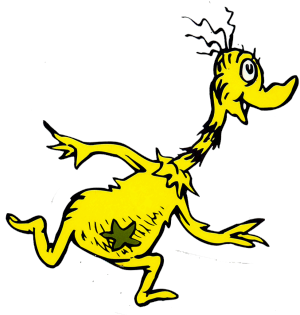
About Sally Ride Science





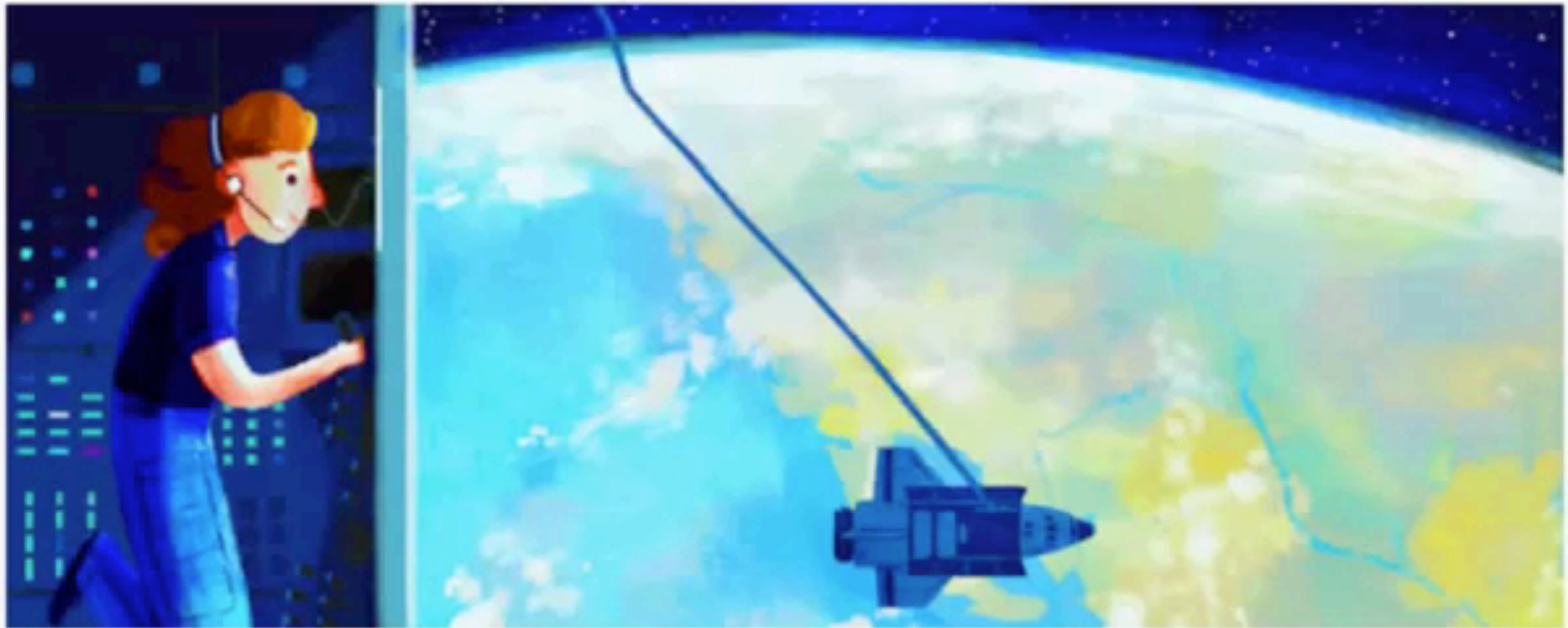
Her Legacy





SEARCH: Next Sally Ride

Sally Ride's 64th Birthday
Google Doodles





Sally Ride Science Becomes Part Of UC San Diego

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Monday, October 26, 2015

By Matthew Bowler



ASSOCIATED PRESS

Former Astronaut Sally Ride speaks to members of the media as NASA personnel set up astronomy equipment on the South Lawn of the White House, Oct. 7, 2009.

KPBS Radio News



00:01 / 01:01

Aired 10/26/15 on KPBS News.

UC San Diego said it will continue what Sally Ride and her co-founders started — an ambitious effort to make science, technology, engineering and math

Sally Ride, the first American woman in space, started the [Sally Ride Science](#) education company in 2001. Now, it's become a nonprofit and part of UC San Diego.

The university [announced the partnership](#) last week, saying it will continue what Ride and her co-founders started — an ambitious effort to make science, technology, engineering and math education more accessible to young women and historically underrepresented students.

[After Ride died](#) in 2012 from pancreatic cancer at the age of 61, Sally Ride Science was at a crossroads, said Tam O'Shaughnessy, who was one of the company's co-founders.

"I wanted a home for the company that would give us fresh brains and more support for scaling up our efforts," O'Shaughnessy said.

She said the decision to become a nonprofit and partner with UC San Diego was an effort to keep Sally Ride Science on a path to grow.

"This was really a strategic decision. It wasn't an act of desperation," O'Shaughnessy said.

The newly named Sally Ride Science at UC San Diego will expand its education programs to reach more students and teachers. The nonprofit's work will be carried out through UC San Diego





Sally Ride enabled every young woman
to believe they could reach for the stars.
UCSD Extension is on a mission to inspire
The next Sally Ride.

**Oh, the
Places
You'll
Go!**