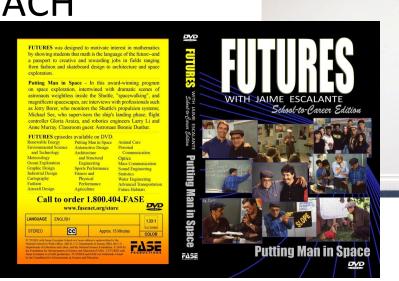
FASE 30-Year Footprint In STEM Education

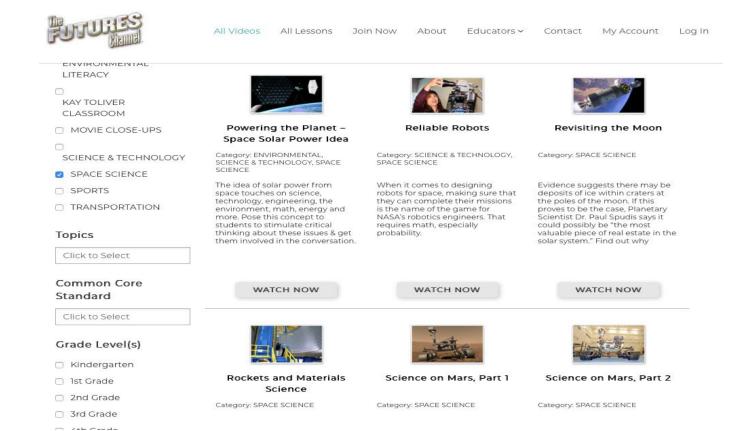
AWARDS

REACH

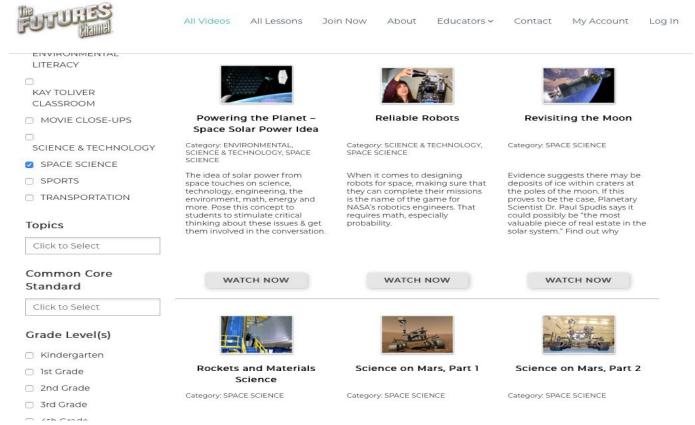




Hundreds of STEM Career Videos and Lesson Plans



Indexed Searches



BROADENING STEM PARTICIPATION Providing streaming channel to connect the dynamic ecosystem



INSPIRE AND ENGAGE

(K-14)



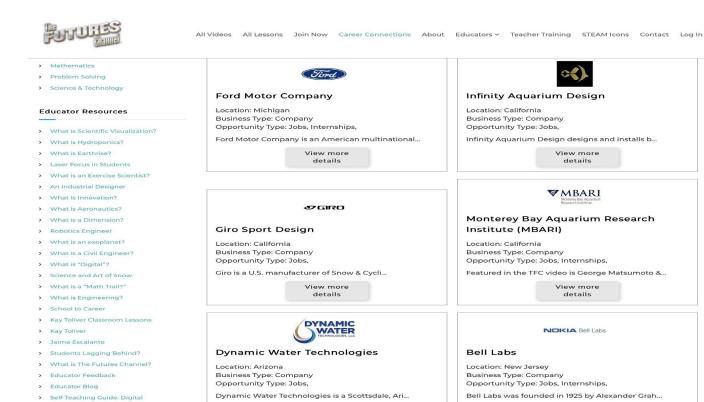


STEM Education & Career Eco-System

NEED

 The National Association of Manufacturing and Deloitte report that the **United States** will have to fill 3.5 million **STEM** jobs by 2025, with more than 2 million of them going unfilled because of the lack of highly skilled candidates in demand.

Human Resources Connect



View more

View more



Underwriter HR Immersion





Lunar and Planetary Institute Home Page



Lunar and Planetary Institute Home Page Busines Type: Company Opportunity Type: Jobs, Internships,

TFC Related Video: The Surface of Mars

Visit this companies website

Description:

The Lunar and Planetary Institute's (LPI's) mission is to advance understanding of the solar system by providing exceptional science, service, and inspiration to the world. It serves as an educational resource for research in lunar and planetary science to NASA and the scientific community.

One key goal is to excite and educate the public about space science and invests in the development of future generations of explorers. The research carried out at LPI supports NASA's efforts to explore the solar system.

It is funded by Universities Space Research Association (USRA), an independent, nonprofit research corporation where the combined efforts of in-house talent and university-based expertise merge to advance space science and technology.

LPI Summer Intern Program in Planetary Science







Career Connections



Dynamic Water Technologies



Dynamic Water Technologies Busines Type: Company Opportunity Type: Jobs,

TFC Related Video: Dynamic Water

Phone: (480) 289-2401 Visit this companies website

Description:

Dynamic Water Technologies is a Scottsdale, Ariz.-based company that provides electrochemical treatment of process water allowing governments and businesses to use the water generally two to six more cycles than traditional chemical-based approaches. Dynamic Water uses electrolysis to treat the water and release it back into cooling towers on-site without using acids or inhibitors. The system generates a biocide in its reactor system through a continuous halogenation process. Dynamic water serves clients worldwide, including NASA, Roche Molecular Systems, Los Angeles City Hall, Banner Health, Transwestern commercial real estate company, and Gilead Sciences, Inc.

Additional Short Videos

- We Work With Nature Rather Than Against It
- Green Technology

Human Resources



Sustained Through Underwriter Grants & These Underwriter Contribution Levels

Sustaining Partner

\$25,000 per year

Sustaining Champion

\$10,000 per year

Sustaining Member

\$1,000 per year

Collaborating Partner

\$1,000 per year

Education Partner

\$1,000 per year

Sustaining Contributor

\$95.00 per year

Contribution Link

CATEGORY BENEFITS

Sustaining Partner

\$25,000

Join The Futures Channel at our highest level of support and further your company's position as a leader in STEM Education. Sustaining Partner includes two or more professionally produced STEM education videos featuring your company and posted on The Futures Channel for worldwide access and sharing in schools and communities everywhere, targeted outreach into selects geographically designated areas and invitation and recognition at special events and more.

Sustaining Champion

\$10,000

As a Sustaining Champion of The Futures Channel, we will collaborate with you to produce and compile a STEM education video that connects STEM Graduates of tomorrow to your company HR site and select content. Your company included in our targeted local and regional outreach to reach and connect you with the target audience.

Sustaining Member

\$1,000

Connect your company HR department to The Futures Channel and tomorrow's STEM graduates. Your company included in our targeted local and regional outreach to connect you with your recruitment target audience.

Other Partnership & Contribution Options

Collaborating Partner

\$1,000

For Government Agencies and Non-Profit Collaborating Partners we maximize the synergy between The Futures Channel and the Partner. We connect your site to ours and provide an opportunity to share your content and messages to our publics as well as make sections of our premium level content fully accessible to your stakeholders.

Education Partner

\$1,000

This is specifically designed to help higher education institutions reach the STEM education students currently in the K-12 pipeline. We connect your web resources to our audience to inform them of the higher education options for STEM education.

Sustaining Contributor

\$95.00 & up

A way for any contributor to support our work and includes individual or greater all access to The Futures Channel including premium content such as special series, teacher training, etc.

PARTICIPATING COMPANY FEATURES

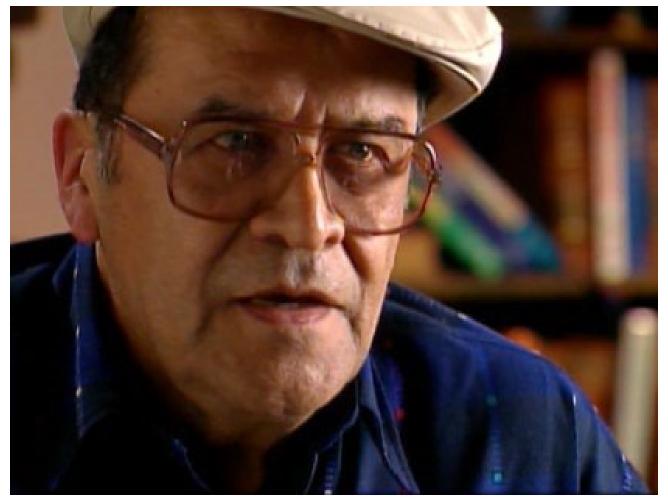
- LINKS FROM OUR STREAMING CHANNEL TO COMPANY HR CONTENT
- INCLUSION IN OUR DIRECTORY
- ONE OR MORE NEW STEM CAREER VIDEOS FEATURED & ADDED EVERY YEAR IN YOUR CAREER CATEGORIES WITH LINKS TO YOUR SITE(S)
- OPTIONAL PARTICIPATION AS AN ADVISORY BOARD MEMBER FOR STEM CAREER VIDEO RECOMMENDATIONS
- PARTICIPATION IN ONLINE STEM CAREER ROUNDTABLES AND IN PERSON JOB FAIRS
- CONNECTION TO YOUR INTERNSHIPS AND MENTORING RESOURCES

- TARGETED REGION BY REGION OUTREACH
- FEATURED ARTICLES IN OUR NEWSLETTERS AND IN TEACHER TRAINING WORKSHOPS

Help Connect STEM HR to STEM Education Pipeline & Graduates

- FASE invites you to become part of this dynamic ecosystem.
- Additionally, FASE welcomes any guidance, advice and support in the way
 of additional community partnerships, information on current County,
 State and National sensibilities and priorities to maximize the impact of this
 work directly in alignment with participating community needs.

40-Year Anniversary Of famous Garfield High School Class Of 1982 Made Famous In The Movie Stand & Deliver



Jaime Escalante Legacy Project Engaging Students in STEM Education & Careers





Former Jaime Escalante Student



NASA JPL engineer Sergio Valdez is gaining attention for his integral part in the Mars Perseverance mission and being a former student of Jaime Escalante, the famous teacher from the film "Stand and Deliver."

HR Link Below Lesson Plans





Subject: Mathematics Problem Solving Science Technology

Grade Levels: 6th Grade, 7th Grade, 8th Grade, 9th Grade, 10th Grade, 11th Grade, 12th Grade,

Synopsis: Ingenuity Helicopter - How do you build a helicopter that will survive in temperatures below -140° F? And fly through the extra thin Martian atmosphere, all while powering itself? Solving problems like these is all in a days' work for mechanical engineer Sergio Valdez.

Running Time: 3:02 minutes

Related Lessons:

Title: Ingenuity

Topics: Mathematics, Algebra 2, Parabolas,

View This Lesson

Related Career Connection: Jet Propulsion Laboratory California Institute of Technology (JPL)

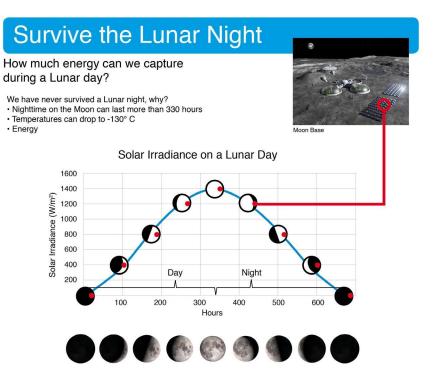


Dr. Thomas Valdez - Former Escalante Student



Artemis





Jaime Escalante Legacy Project Strategic Objectives

- Connect targeted LA County Youth with STEM career education pathways and careers with engaging video and lesson plans, workshops and mentoring.
- Build upon existing community leadership and stakeholder partnerships and track

results, identifying and scaling up the successful actions.



Sustainability & STEM Education Events



Green Technology – Trusted Partner



GOVERNOR ARNOLD SCHWARZENEGGER

December 5, 2008

Mr. Keith Miller Publisher Green Technology 236 West Mountain Street Suite 105 Pasadena, California 91103

Dear Keit

Thank you for helping make the Governors' Global Climate Summit such a successful event. It was an honor and pleasure to host this historic summit in California, and it would be hard to overstate the role you played in bringing it all together.

As global environmental leaders, we made some tremendous strides toward victory in the fight against climate change. Our agreements in work together to reduce tropical deforestation and establish a framework for the sequel to the Kyoto Protocol sent a strong message about our willingness to make a big, global push to restore our planet's health. Reversing the damage does by global climate change is the great environmental challenge or the 12 is century, and we all have a role to play in this effort. Your countless hours of work helped set the stage for all we accomplished at the summit, and I hope you know your contributions were appreciated.

Thanks again for your hard work

STATE CAPITOL . SACRAMENTO, CALIFORNIA 95814 . (916) 445-2841

"THANK YOU FOR MAKING THE GOVERNOR'S CLIMATE SUMMIT SUCH A SUCCESSFUL EVENT."

ARNOLD SCHWARZENEGGER

FORMER GOVERNOR OF CALIFORNIA



Strategy and leadership for clean and sustainable communities

Advisory Board

Advisory Board Chair

Ida Clair

State Architect
Division of the State Architect

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Construction Specialist, Facilities Pasadena USD

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Dir., Architectural & Engineering Los Angeles USD

Tova Corman

Exec. Dir.,

Facilities San Marcos USD

Janet Dixon

Director of Facilities Temecula Valley Unified School District

John Dale

Principal, Studio Leader Harley Ellis Devereaux

Bill Deegan

LACOE Green Team, Business Advisory Services Manager Los Angeles County Office of Education

Tom Duffy

Legislative Advocate C.A.S.H.

Alan Glass

Energy Supervisor (Retired) Pittsburg USD

Molly McGee Hewitt

Director CASBO

Mark Hovatter

Chief Facilities Executive Los Angeles USD

Anthony (Tony) Knight

Superintendent (Retired) Oak Park USD

Dave Marshall

Facilities Director Ventura USD

Juan Mireles

Director, School Facilities and Transportation Division California Department of Education

Michael Parham

School Board Member Irvine USD School Board

Lori Rubenstein

Bond Program Manager Simi Valley Unified School District

Ricardo Solis

Director of Engineering Jurupa USD

Tom Silva

Facilities Professional Council Retired CASBO, Member CASBO

Lisa Silverman

Executive Officer
Office of Public School
Construction

Ben Stapleton

Executive Director USGBC LA

Lesley Taylor

Field Rep. School Facilities CA Dept. of Education

Rafael Torres

Project Manager Riverside County Office of Education

Terry Walker

Superintendent Irvine USD

Andra Yeghoian

Environmental Literacy Coordinator San Mateo County Office of Education

Leonard Hernandez

Director Maintenance and Operation, Transportation and Facilities Pasadena USD

STEM Events & Sustainability Events

Event Host Committee

- Edward James Olmos
- Dr. Alfredo Quinones
- Demien Bichir
- Jose Hernandez
- Professor Giselle Ragusa
- Several Escalante Alumni

2023 FEATURED STEM EVENT

- The Foundation for Advancements in Science & Education (FASE) is celebrating the legacy of legendary Garfield HS teacher Jaime Escalante as part of the Foundation's STEM education program.
- FASE is carrying out an ongoing campaign which features a series of outreach activities that carry the message of the importance of STEM education.
- An event is planned for **Friday April 21**st to be held at Garfield HS Jaime Escalante Auditorium. **(10:00 am 11:30 am)**
- An additional invitation only reception is planned for the evening from **5:00 7:00 pm** either at the same venue or at another location and will constitute a group of approximately 100 guests. Each of these events will feature screenings of STEM related film clips and an opportunity to meet the host committee members and share exciting and important information relevant to STEM education and service to our diverse communities.

STEM Featured Movie Clip Screenings

Film Clip Screenings



Mission Possible; Two doctors on a mission, a hero's journey, to bring FASE FOUNDATION FOR ADVANCEMENTS IN SCIENCE AND EDUCATION

around the world. To enlist young neurosurgery students into the effort to decolonize global public health system creating more equitable distribution for all. This concept gave birth to mission: Brain. A non-profit founded by Dr. Lawton and Dr. Quinones, known fondly as Dr Q.

Dr. Q connects the world of healthcare to STEM education and the vital role of mentoring to foster greater participation in these careers in all parts of our community. This dynamic docuseries will tell the story of mission:Brain from its origins to its growing commitment to the equitable distribution of healthcare delivery systems all over the world.

A Million Miles Away; Based on the



true story of the first migrant farmworker to travel into space the film depicts the amazing story of Jose Hernandez who didn't learn English until the age of 12, spent his childhood moving from town to town and working fields across California with his family. He took the science route to space and co-developed the first fullfield digital mammography imaging system to detect early breast cancer and persevered through 11 rejections to become a crewmember of Space Shuttle mission STS-128.

STEM Event Venue Options



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 State and National sensibilities and priorities to maximize the impact of
 this work directly in alignment with participating community needs.

Contact

For More Information

Keith Miller – President Foundation for Advancements in Science & Education (FASE)

2400 N Lincoln Ave

Altadena, California 91001

626-793-5300 Office 323-376-

5858 Mobile

keith.miller@fasenet.org

Jaime Escalante Legacy Event Sponsorship Packages

- Event Co-Host(s) \$50,000
 - Premiere Sponsor \$25,000
- STEM Champions \$10,000
- STEM Advocates \$5,000
 April 21st Event Sponsor Benefits
- Co-Host Opportunity to make brief remarks and introduce featured speaker
 - Priority listing in event brochure with 50-word description or your message
 - Up to 12 guest passes for the invitation only screenings and reception
 - Top priority seating for screenings
 - Opportunity to attend future special film screenings
 - Limited edition charcoal print #1 or #2 of Jaime Escalante signed by the artist Fernando Olea
 - Opportunity to introduce featured speaker at the event

Premiere Sponsor

- Preferred listing in event brochure with 50-word description or your message
- Up to 8 guest passes for the invitation only screenings and reception
- Priority seating for screenings
- Limited edition charcoal print #3 or #4 of Jaime Escalante signed by the artist Fernando Olea
 - Opportunity to introduce featured speaker at the event

STEM Champion

- Listing in event brochure with 50-word description or your message
- Up to 6 guest passes for the invitation only screenings and reception
- Opportunity to participate in one of the STEM career panel discussions with special guests including former Escalante students.

STEM Advocate

- Listing in event brochure with 50-word description or your message
- Up to 4 guest passes for the invitation only screenings and reception

Contact

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