



HIGH TECH.
HIGH TOUCH.
HIGHER PURPOSE.



Monthly EXCOM Meeting, 28 Aug 2025

JOHN SANTIAGO

2025 IEEE STEM Champion

Region 5 Educational Activities Coordinator (REAC)



Volunteers needed for UCCS Interviews

Volunteers to help review resumes for our engineering, computer science, & cybersecurity students.

Volunteer Dates & Times:

- Tuesday, September 23rd | 2:30 PM – 6:00 PM (2 volunteers needed)
- Wednesday, September 24th | 1:30 PM – 5:00 PM (2 volunteers needed)
- Thursday, September 25th | 12:30 PM – 4:00 PM (2 volunteers needed)

Please sign up here: <https://forms.office.com/r/vx2LOUVBXW>

The poster features the IEEE logo and 'PIKES PEAK SECTION' at the top. Below this, the text 'VOLUNTEERS NEEDED' is written in large yellow letters on a dark blue background. Underneath, a yellow banner contains the text 'RESUME REVIEW WITH THE PROS'. The central illustration shows a man in a suit and a woman in a red jacket sitting at a table, with the man holding up a resume. At the bottom, a white box with a calendar icon lists the dates and times for the volunteer sessions. A yellow button with the text 'SIGN UP HERE' is positioned below the date box. The entire poster is set against a dark blue background with a yellow mountain peak graphic in the top right corner.

IEEE PIKES PEAK SECTION

VOLUNTEERS NEEDED

RESUME REVIEW WITH THE PROS

VOLUNTEER DATES
(IN PERSON @ UCCS)


SEPT 23	2:30-6:00 PM
SEPT 24	1:30-5:00 PM
SEPT 25	12:30-4:00 PM

SIGN UP HERE

<https://forms.office.com/r/vx2LOUVBXW>

WIE Event

<https://events.vtools.ieee.org/m/498207>



The poster is for an event titled "A Brief History of Battery Electric Vehicles (BEV)". It is organized by IEEE Region 5 WIE. The event is scheduled for September 17th, 2025, at 7pm CST / 8pm MST. The speaker is Sharan Kalwani, with the website LegallyCyber.com. The poster includes the IEEE logo, the WIE logo, and a QR code for registration.

IEEE Women in Engineering
WIE

Organized by IEEE Region 5 WIE

IEEE

A Brief History of Battery Electric Vehicles (BEV)


September 17th, 2025
7pm CST / 8pm MST



Sharan Kalwani
LegallyCyber.com

REGISTER AT

<https://events.vtools.ieee.org/m/498207>



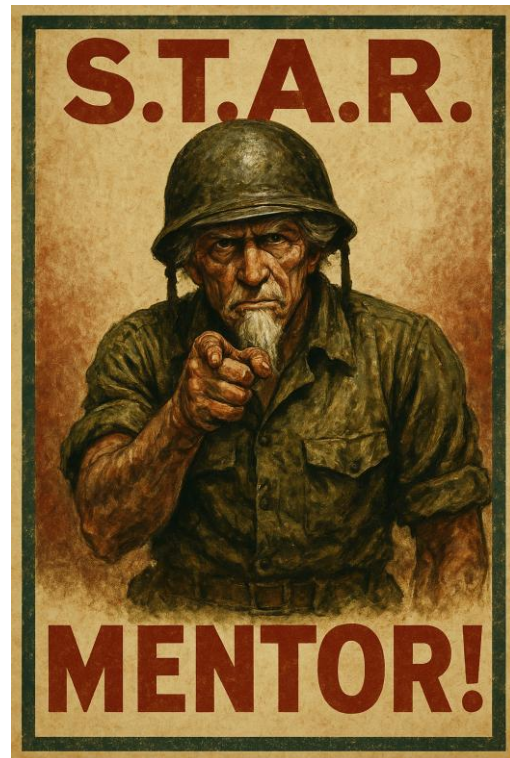
Cool Science Carnival Day & Festival

- ▶ Need More S.T.A.R. Mentors for Carnival Day: 27 Sep 2025
 - Ambassador Form: [Carnival Day | IEEE Pikes Peak Section](https://r5.ieee.org/pikespeak/carnival-day) (<https://r5.ieee.org/pikespeak/carnival-day>)
 - 3 volunteers (2 – 1 hour, 1 – all day)
 - STEAM-TEAMS Meeting: Q&A / Prep , 15 Sep, 21st Century Library, PPLD, Ent Conference Room,
 - 29 Sep, 6 Oct Follow-up Meetings with Visitors on 27 Sep



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 - 29 Sep, 6 Oct Follow-up Meetings with Visitors on 27 Sep
- ▶ S.T.A.R. = STEAM-TEAMS AMBASSADORS for outREACH





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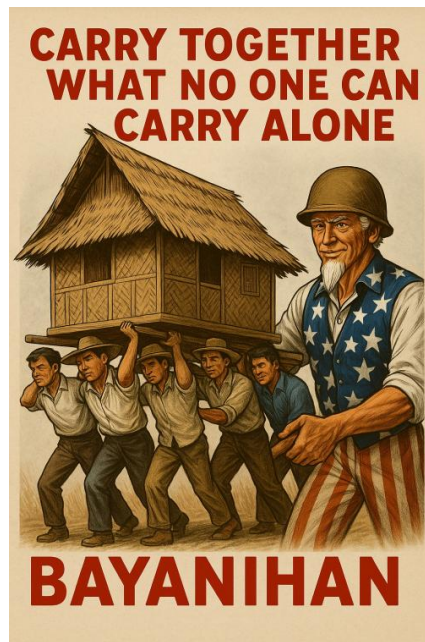
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Community Outreach: FACSC, Coronation of Miss Fil-AM, 23 Aug 2025, Doubletree Hotel

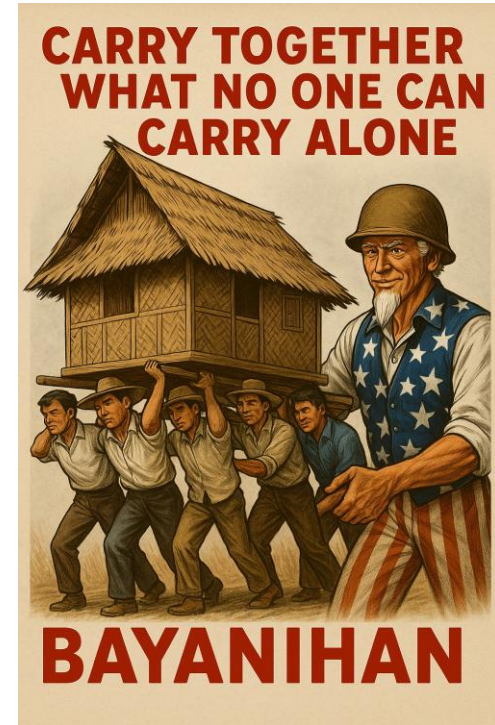
- ▶ FACSC – Filipino-American Committee of Southern Colorado
- ▶ 178+ attendees, \$85 per person, \$35 kids under 12
- ▶ Past: Bayanihan – Spirit of communal unity, cooperation, and helping one another (Wooden Letter) Lifting a nipa hut what no one can carry alone
 - STEM (IEEE) + 'A' (FACSC) = STEAM
- ▶ Presented as: Lifting People with STEAM skills
 - Cultural events for mentorship of Youth
- ▶ Mentorship: Skillset x Mindset = Success (KEEN)
 - Hi Tech To Amplify not disrupt cultural traditions (Technology for Humanity but Technology without Humanity is empty)
 - High-Tech x High Touch = Higher Purpose
- ▶ STEAM*TEAMS = BAYANIHAN (FACSC President likes this)
 - “We Supercedes Me” (Wooden’s TEAM spirit)
 - “Service-Before-Self”
- ▶ <https://r5.ieee.org/pikespeak/facsc>
 - Souvenir Program, Video of talk, Filipino/Tagalog Language Intro Used In Script (Taglish), Letter to FACSC (invited by FACSC but only a few hours, used AI to assist)



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HIGHER PURPOSE.**



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STEAM x TEAMS = BAYANIHAN

Feedback After Talk

Mentorship and Its Ripple Effect

- ▶ 'inspirational', 'awesome', 'your speech gave me goosebumps (from emcee)', 'my teen granddaughters were actually listening (they were not looking at their smartphones)', 'Thank You', thumbs up from an Air Force colleague, 'good speech', and others.
- ▶ And from the current FACSC president, the best speech I heard...I hope to grow up as a leader like you (or something like that according to my wife)
- ▶ Dr Alex Africa (Current FACSC) mentored by Ron Nono (Founder of FACSC)
- ▶ Ripple: Posted 26 Aug 2025



System of Mentorship Pipeline

Current Leadership

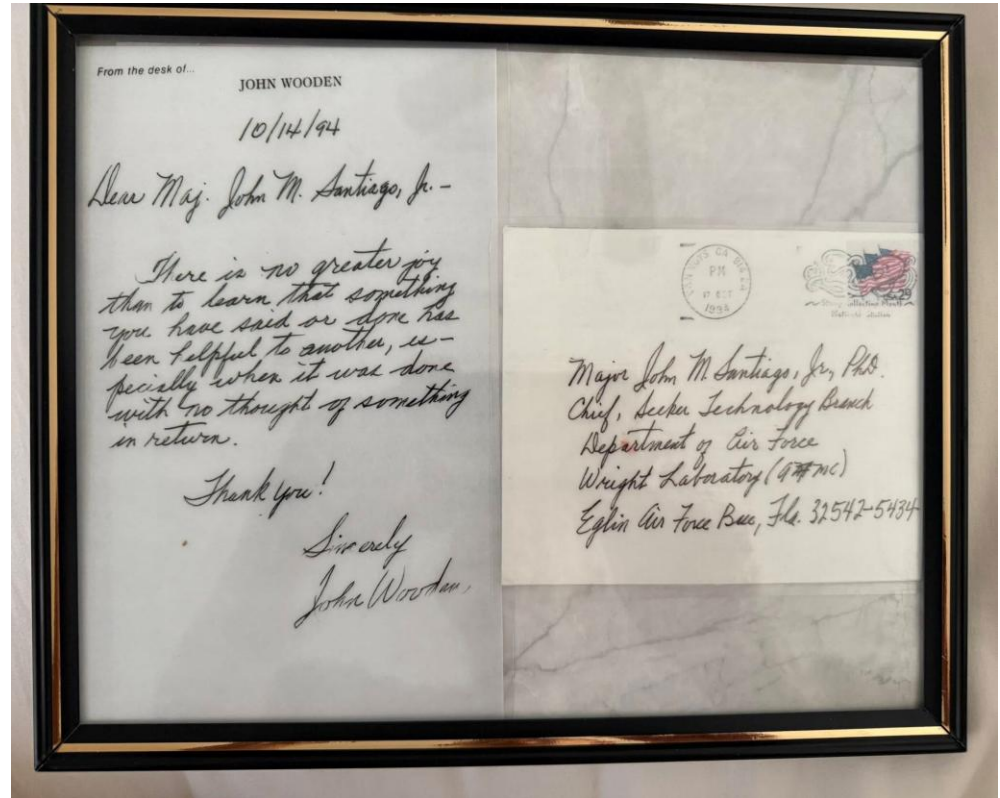


Past Leadership



John Wooden Letter

- ▶ Civil Engineering Student
- ▶ WWII Navy Veteran
- ▶ Hall-of-Player both as a College Basketball Player and Coach



System of Mentorship Pipeline

Consistent annual events

- FACSC founded in 1993
- Handed out scholarships,
 - Approximately over \$50k
- Pageants: Little Miss Fil-AM, Miss Fil-AM, Mrs. Fil-AM (rotated every two-years)
- These events are like a family reunion

<i>FACSC Leadership Summit</i>	<i>Date: March 14</i>
<i>Easter Egg Hunt</i>	<i>Date: April 19</i>
<i>Flores de Mayo</i>	<i>Date: May 17</i>
<i>Independence Day</i>	<i>Date: Jun 15</i>
<i>Miss FACSC Coronation</i>	<i>Date: Aug 23</i>
<i>FACSC Annual Awards</i>	<i>Date: Aug 23</i>
<i>Filipino American History Month</i>	<i>Date: Oct 19</i>
<i>Undas and Halloween Event</i>	<i>Date: Nov 01</i>
<i>Veteran's Day Parade</i>	<i>Date: Nov</i>
<i>Holiday Party</i>	<i>Date: Dec 06</i>
<i>Caroling</i>	<i>Date: Dec 1 – Dec 22</i>
<i>Valentine's Day</i>	<i>Date: Feb 2026</i>

System of Mentorship Pipeline






Consistent annual events is the key:

- FACSC founded in 1993
- Handed out scholarships,
 - Approximately over \$50k
- Pageants: Little Miss Fil-AM, Miss Fil-AM, Mrs. Fil-AM (rotated every two-years)
- These events are like a family reunion
- Legacy leaders are military veterans...coronations was run like a military ball with family involvement



IEEE (STEM)+ FACSC ('A') = STEAM

Outreach to Underserved Communities

-  Filipino-American youth with strong cultural ties are 3x more likely to pursue higher education (Pew Research).
-  STEAM programs can boost STEM interest by 30–50% (NaFFAA).
-  FACSC coronation events = high-engagement opportunity for IEEE STEAM mini-labs or youth demos.
-  Builds intergenerational trust while extending IEEE outreach into culturally rich community settings.
-  Aligned with IEEE goals: Pre-University STEM, Visibility, Mentorship.

Benefits of Potential Partnership

Benefits of Partnership: IEEE Pikes Peak Section ↔ FACSC

Benefits to IEEE Pikes Peak Section

Builds **membership pipeline** (K-12 → students → YPs → professionals)

Strengthens **Diversity, Equity & Inclusion (DEI)** outreach

Provides **volunteer engagement** opportunities for Life Members, YPs, and students

Expands **public visibility** by participating in cultural/community events

Enhances Section's reputation as a **national model for outreach**

Aligns with IEEE's mission of **Technology for Humanity**

Benefits to FACSC

Gains **STEM exposure** for youth through hands-on STEAM-TEAMS demos

Access to **mentorship and leadership development** pathways

Connects families to **college & career opportunities** in engineering and technology

Elevates community profile as **forward-looking and education-focused**

Reinforces Filipino values (family, service, **Bayanihan**) in a modern STEM context

Builds pride and identity by linking **cultural heritage with innovation**