

AIAA LA-LV Section Council Meeting Minutes

AIAA LA-LV Section Council Meeting June 13, 2023, 6:00 PM PDT

– Hybrid Conducted

Meeting Location: Lawndale Library/ WebEx

Attendance: **X** – Absent; **A** -Attended; **V**-Vacancy

	Council Member, Council Position	Attendance
1	Dr. Ken Lui, Section Chair	A
2	Lynn Jenson, Treasurer	X
3	Courtney Best, Secretary	X
4	Dr. Seth Potter, Ambassador	A
5	Marty Waldman, Las Vegas Chapter Chair	A
6	Sherry Stukes, Membership Chair	A
7	Ian Clavio, Education Chair	A
8	Arpine Ovsepyan, STEAM K-12 Outreach	X
9	Daniel Scalese, Public Policy Chair	A
10	Jeremy Robins, Career and Workforce Development Chair	X
11	Luis Cuevas, Young Professionals Chair	A
12	Gary Moir, Technical Chair	A
13	Dr. Ken Lui, Events and Program Chair/Newsletter Editor	A

ADDITIONAL GUEST- Ivan Figueroa (Raytheon/RTX)

6:03 PM- Meeting Called to Order by Dr. Ken Lui, Section Chair

- o Self-introduction by new attendee, Mr. Ivan Figueroa, from Raytheon. He is a Young Professional, graduated from Cal State University, Long Beach.
- o Each council member is welcome to briefly introduce oneself during reporting.

6:03 PM- Secretary- (Courtney Best (Absent), Dr. Ken Lui on behalf of her)

- o Courtney is still out of town on her company's assignment till the end of summer.
- o The election results came out by the end of June, and it was announced in newsletter and weekly event summary.

6:05 PM Section Chair Updates (Dr. Ken Lui), and self-introductions:

- o Ken Lui displayed Agenda.

- Congratulations to all elected and appointed council members! And truly appreciated for the great efforts and time from the Election and Tellers Committee (Lynn, Sherry, and Gary).
- Ken explained it's like re-orientation. It's very important for people to understand what AIAA is. It's better to understand / learn more than doing a lot of things that might impact negatively. Even if not doing much, one can get trained / better equipped, and more familiar with AIAA, for further LA-LV Section volunteering, or maybe later with Regional or National activities.
- Ken briefly showed the bylaws, brief introduction of AIAA and the LA-LV Section, and the responsible areas of the LA-LV Section, as well as what the area and section affiliation mean.
- Budgets: In savings mode due to reduction for Section rebates down to 10% since last year, till at least 2027.
 - CAT I fund is based on the number of AIAA members affiliated with the LA-LV Section, mostly by their AIAA My AIAA in the Profile Primary Address, work, home, or other address. If nearby, temporary trip/assignment, or other special reason, it could be adjusted with special request. A member can not serve as a council member in more than 1 section council, as stated in the AIAA by-laws. This is another reason membership is a very important aspect of our activities / roles. Last year we received \$700-\$800 for CAT I fund from HQ.
 - CAT II fund is the Section Awards. Last year we won several awards from AIAA HQ, and we received around \$2,000 from HQ. This is another reason our activities matter.
- 2023 May Newsletter was ready on May 31, with a cover page of Gen. Buzz Aldrin on Mars, featuring the Section outreach on May 5 in SSC for the ceremony.
- AIAA Core: Technical Committees (TC) (also helping those new members become more familiar with AIAA and the LA-LV Section):
- AIAA ASCEND Call for Content (ASCEND this year will be in Las Vegas, NV, Oct. 25-28)
 - Content proposals were all rejected by HQ.
- AIAA LA-LV Annual Awards Dinner (May 11) and Awards
 - It's the showcase and miniature of what AIAA/LA-LV have been / should be doing, and the values / functions.
- Assistance for each of the Officer's functions
 - For example, Ken helped Arpie to coordinate K-12 STEAM Educators meetings. Ken happened to meet the former Mayor of the City of Hawthorne, hopefully to be able to connect to the K-12 schools in Hawthorne finally after some previous (in-vain) efforts.
- Discussion Groups

6:45 PM- Treasurer Updates (Lynn Jenson (Absent). Ken reported on behalf of Lynn):

- May 11 Awards dinner was the major event of the year. Higher expenses due to Awards, scholarships, program printing etc. The meeting room and the restaurant expenses were balanced by the ticket sales.
- Total balance = \$ 87,939.35 (as of 6.12.2023) (compared to \$89,160.09 on 5.3.2023)

6:54 PM- Ambassador Updates (Dr. Seth Potter)

- A-MAN, Inc. leader Hal Walker was recently honored at Santa Monica College
 - A laser lab named after him is being established.
- Aerospace Legacy Foundation Updates
 - Efforts to restore the Space Shuttle mockup Inspiration from the former Rockwell / Boeing site in Downey, CA are stepping up.

7:06 PM- Las Vegas Chapter Updates (Marty Waldman)

- A new company JT4 on military test. Diversifying business in Las Vegas. Marty is tracking the development.
- Las Vegas, NV is more like 20-30 years ago in Los Angeles, CA.
- Things were slow but seem to be picking up after semi-hibernation since 2020. Almost zero activities during Pandemic. Marty got more involved in the local politics, trying to help.
- Las Vegas Spaceport (Dream Chaser/Sierra Nevada etc.) Airport running away extension projection for it. Diversification of economy. Las Vegas Spaceport is a subliminal message to the local high-tech industry, in addition to the casinos. Lots of interests. X-37 etc.
- Silicon valley companies moved into Reno, NV.
- The take-out word is diversification, which will help the AIAA efforts in Las Vegas.
- Ken mentioned Marty has been doing CVD and is very experienced and shared a little. Daniel (Public Policy Chair) appreciated it.

7:17 PM- Membership Updates (Sherry Stukes (was online but had technical issue). Sherry asked Ken to report on behalf of her.):

- Ken mentioned Sherry's efforts paid off, and AIAA HQ had updated the website with more details about YP and Retiree rates: <https://www.aiaa.org/membership/join-or-renew-your-aiaa-membership/Membership-Dues>.
- Membership numbers increased slightly from April to May in Los Angeles, and remained the same in Las Vegas. Only University Student Members had a slight drop in the number, possibly due to graduation, which will pick up in fall during recruits by the student branches.
- We lost roughly 100 Educator members. AIAA HQ confirmed recently it was due their action in 2022 to ask Educators to respond or to be removed, citing some inactivity. From 2022, annual renewal is still required even for free membership. We will keep reminding them.
- Sherry has been launching campaigns and efforts to remind people for renewal with decent successes, and Ken assisted. Sherry really put a wonderful effort and analysis.
- Professional membership increasing in Los Angeles, no change in Las Vegas.
- 15 University Student members to graduate. Need plan to retain those students.
- Creating a list of dropped members to contact.
- Ken indicated the recent outreaches were very effective, as several high students and teachers signed up the membership after visits.

7:28 PM- Public Policy Updates (by Daniel Scalese)

- Daniel will travel in the coming weeks. He will wait for the contact from Regional VI Public Policy Director to hook up for planning for the CVD 2024.

7:30 PM- Young Professionals Updates (by Luis Cuevas)

- Daniel asked a question about the definition of Young Professionals in AIAA. Ken showed the AIAA website in the membership dues page: <https://www.aiaa.org/membership/join-or-renew-your-aiaa-membership/Membership-Dues>.
- Luis mentioned the first activity would be the July 22 Aerospace Summer Games, and indicated Ken had gotten a booth/tent for the Section. He will be there to host the tent for networking and chat with people stopping by, and get their information.
- Luis added that it's more like the mid-career group. Many YP came straight from college. YP enjoys 50% membership discount. Ken explained that YP is not a separate member category. It's still the same Professional Membership category.

7:30 PM- University / Collegiate Chair Updates (by Ian Clavio):

- Ian works in Northrop Grumman and has been doing a Master in USC.
- Getting familiar with the AIAA LA-LV Section. Ian was the Branch Chair and an Officer in AIAA CSULB Student Branch for 2 years.
- Most of the recruits by the Student Branches will be in August and September. Ian will reach out to our four branches and provide information and introduce himself to them. Ken mentioned that Ian could help student branches to understand the requirements. An example was that UCLA recently elected a branch chair that was not even a Student Member of AIAA. It was resolved after the newly elected Student Branch Chair joined the AIAA University Student membership. No need to spend a lot of time initially, just try to understand what they have been doing and what they need.

7:35 PM- K-12 STEAM Outreach Updates (Arpie Ovsepyan (Absent), Dr. Ken Lui on behalf of Arpie):

- Arpie has been responding and discussing with Ken. She got a new position and is trying to settle in and figure out her schedules.
- Working on the next Educators (K-12 STEAM Outreach) meeting.

7:35 PM- Career and Workforce Development Updates (Jeremy Robins (Absent), Ken Lui on behalf of Jeremy)

- Jeremy could be a little bit busy recently. We will try to find a good schedule with him.

7:35 PM- Technical Chair Updates (Gary Moir):

- Gary made a detailed self-introduction to Ivan and others. He worked with many companies from Lockheed, Rolls-Royce, TRW etc., before his consulting.
- Ken recalled Gary was related to CSULB. Gary mentioned it was a Master Thesis before his working hours could not allow. ABT, All But Thesis.
- Keep working on the Aero Alumni Meeting, which is with the retirees from aerospace industries. Mike Ciminera's 2nd book with AIAA is going to be published soon. Also had discussions on the James Webb Space Telescope.

- Have been volunteering on the Wright Flyer Replica project since the 1980s. Need Airworthiness evaluation. It has been idle for a while.
- Look into possible support for a national event, like the Responsive Conference event around 2010 with Microcosm / Dr. James Wertz.
- May 13 Glider event was well attended. It discussed the specific technical design and process in the design of the Perlan Glider, discussing the science about flutter on it.
- Ken mentioned Technical, like Journals, publications etc. really attracted people to AIAA.

7:43PM- Events and Program Chair Updates (Dr. Ken Lui, Acting):

- Events/Program functions in bylaws and distinctions were shown again to clarify. (Coordination and logistics)
- Some of the events were reported as summary but also for some of the officers/chairs absent today. Chess-board categorization chart for bylaw-defined activities in 2022-2023.
- (2023 May 10) AIAA LA-LV Aero Alumni Monthly Meeting 5/10
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-may/2023-may-10>
 - Led by Gary (see Technical Chair report section above).
- (2023 May 11) AIAA Los Angeles-Las Vegas Section Annual Awards Dinner:
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-may/2023-may-11>
 - Show-cased what the designed activities for AIAA/LA-LV Section, the values, and what we should be doing, with networking, awards etc.
- (2023 May 13) Taking A Glider from Design to Flight:
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-may/2023-may-13>
 - Technical Meeting led by Gary.
 - Well-attended. Good to keep updated about company activities.
- (2023 May 20) AIAA LA-LV Outreach Exhibition to Hawthorne High School in the Hawthorne Makers Faire
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-may/2023-may-20>
 - Some high schools have Schools of Engineering, and have been doing great jobs.
 - Some students in this outreach joined AIAA high school membership.
- (2023 June 1) AIAA LA-LV Outreach to California Academy of Mathematics and Science (CAMS) Open House
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-june/2023-june-1>
 - CAMS FIRST Robotic Contest Team 687 won the Divisional Championship in February. Ian was in another team there. VEX, in 2017, and won the World Championship. Recognized 3 CAD students and the Team advisor. Several students enrolled in the free AIAA High School membership afterwards.
 - Wonderful projects, like Mars exploration, ChatGPT, Drones with a Snake Robot. We gave recognition to three students and the leading teacher. They and some others joined the AIAA membership. Ian Clavio graduated from here. Amazing school.
- (2023 June 10) Waterproof Spacecraft - Why the Ocean Preps for Deep Space Exploration, with Dr. Andrew Klesh
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-june/2023-june-10>
 - Interesting project, from oceanography to space (Europa) explorations
 - Good networking

- Upcoming events:
 - (June 14) AIAA LA-LV Aero Alumni Monthly Meeting 6/14
 - Led by Gary (see Technical Chair report section above).
 - (June 24) Planetary Defense and Asteroid/Comet Exploration mini-Conference 2023, with Celebration for the 30th Anniversary of Discovering Comet Shoemaker-Levy 9.
 - RSVP and Information: <https://conta.cc/3O9XY07>
 - (April 15) AIAA LA-LV Space Architecture Meeting with AIAA Space Architecture Technical Committee
 - RSVP and Information: <https://conta.cc/3SRFqll>
 - (July 12) AIAA LA-LV Aero Alumni Monthly Meeting 7/12
 - Led by Gary (see Technical Chair report section above).
 - (August 9) AIAA LA-LV Aero Alumni Monthly Meeting 8/9
 - Led by Gary (see Technical Chair report section above).
 - (August 12) The X-15 Rocket Plane, Flying the First Wings into Space
 - RSVP and Information: <https://conta.cc/3MtxzJu>
 - (2023 August 19) AIAA LA-LV Movie Saturday "X-15"
 - RSVP and Information: <https://conta.cc/3oqK5jp>
 - Pandemic- COVID-19 case numbers are still fluctuating locally and nationally but seem to be getting better. Will continue hybrid activities but increasing the in-person meetings.
 - Keep everyone happy and stay with AIAA for the rest of their life.

Wrapped up 7:55pm because must depart Lawndale Library by 8:00pm

7:53 PM- Meeting adjourned:

Ian Clavio moved to adjourn. Seconded by Marty Waldman

Great meeting! (comment from Gary)