

AIAA LA-LV Section Council Meeting Minutes

AIAA LA-LV Section Council Meeting April 11, 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	Dean Davis, Vice-Chair	X
3	Lynn Jenson, Treasurer	A
4	Jennifer Fleming Perdigao, Secretary	X
5	Dr. Ken Lui, Events and Program Chair/Newsletter Editor	A
6	Dr. Seth Potter, Council Advisor	A
7	Marty Waldman, Las Vegas Chapter Chair	A
8	Luis Cuevas, Education Chair	X
9	Arpine Ovsepyan, STEAM K-12 Outreach	X
10	Courtney Best, Young Professionals Chair	X
11	Ian Clavio, Young Professional Co-Chair	A
12	Roz Low, Public Policy Chair	X
13	Gary Moir, Technical Chair	A
14	Sherry Stukes, Membership Chair	X
15	Daniel Scalese, Career and Workforce Development Chair	A

ADDITIONAL GUESTS- Zehao Rong- Chair, Student Branch UC Los Angeles; Mr. Jeremy Robins (FAA), Ms. Brija Johnson (UCLA SCALE)

6:10 PM- Meeting Called to Order by Dr. Ken Lui, Section Chair

6:10 PM- Secretary- (Jennifer Perdigao (Absent), Dr. Ken Lui on behalf or Jennifer)

- o Jennifer agreed with the election nomination email draft, which was based on the one she made for last year. It was sent out on March 30. Deadline for this Phase I process is April 20. Then the Election Committee will review, and the Ballots / Call for Voting will be emailed to voting members in late April or beginning of May, so we could possibly finalize the election by end of May. We are on a good track following the bylaws for the schedules for April and May.
- o Jennifer will not stay on the Council for next term, but she will help us with the election this time. She had many more court cases since fall last year as the Pandemic gradually subsided.

6:12 PM Section Chair Updates (Dr. Ken Lui):

- Election/Nomination & Tellers Committees
 - Lynn, Sherry, and Gary volunteered to be the committee members in the Election/Nomination Committee, as well as the Tellers Committee. Lynn is chair of both. They were appointed last week.
- Officer rosters nomination for candidacy
 - Technical Chair: Gary Moir
 - Education (Collegiate) Chair: Ian Clavio (from YP co-Chair)
 - K 12 STEAM Outreach: Arpie Ovsepyan
 - Membership: Sherry Stukes
 - (Events) Programs: (Ken Lui Acting)
 - Young Professionals (Early Career Professionals): Luis Cuevas (switched from Education/Collegiate)
 - Public Policy: Daniel Robert Scalese (switched from Career and Workforce Development)
 - Career and Workforce Development: Jeremy Robins
 - Secretary: Courtney Best (switched from YP)
 - (Possible to have more co-chairs in discussions. But only the voting council members (except for Marty) will be on the ballots.)
 - Ken briefly mentioned the April and May time frame for Election announcement (April) and Ballot (May) and showed the announcement for both from last year's election as reference and draft, to provide more conveniences for the process.
 - elections@aiaa-lalv.org was created for the election and with it, some useful tool(s) for election and announcement.
- Budgets: In savings mode due to reduction for Section rebates down to 10% since last year, till 2024 or even longer.
- 2023 March Newsletter was ready on March 31. The cover page features the March 11 AIAA LA-LV University Student Branches mini-Conference.
- 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 several attempts / efforts over the past few years.
- Discussion Groups
- Quickly mentioning the area within the responsibility of the AIAA LA-LV Section.
- Officers' functions in the bylaws.

6:23 PM- Vice Chair Updates (Dean Davis (Absent), Dr. Ken Lui on behalf of him):

- Dean would not be able to stay on the Council for the next term (2023-2024). His new position requires him to spend much more time in traffic / commute.

6:23 PM- Treasurer Updates (Lynn Jenson):

- Continuing to build reserves. We have been doing to conserve and urged everyone to do so.
- The income and expenses and balanced, with slightly more income in March.

- Total balance = \$89,071.94 (as of 4.5.2023) (compared to \$88,979.87 on 3.6.2023)

6:25 PM- Ambassador Updates (Dr. Seth Potter)

- NSS Society updates, ISDC in May in Texas. Next year will be back in Los Angeles.
- A-Man, Inc. STEM International Science Center- Founders have returned to US.
- Aerospace Legacy Foundation Updates
- ALF President Arlene Busby will chair the Westercon Science Fiction Convention, to be held in Anaheim June 30 – July 3
- Next ALF Board meeting May 20th

6:33 PM- Las Vegas Chapter Updates (Marty Waldman)

- Marty is expecting a phone call in 5-10 minutes so he might have to take a break soon.
- Marty has been trying to participate in the Tech Alley monthly event there in Las Vegas. They have several locations, like Denver, possibly LA. 150 people showed up. Marty will present Spaceport Las Vegas and the Smaller Nuclear Reactor. He had a dry run today. Still no leadership, but the entrepreneur has been growing.

6:35 PM- Public Policy Updates (Roz Lowe (Absent), Dr. Ken Lui on behalf of her)

- Roz indicated she would not be able to continue for the next term on the Council. She got a new position in the government, no longer with her previous company, LA Gauge.
- Daniel will pick up the Public Policy efforts of the Section after this Election.
- Ken has been trying to help with the Section's Public Policy issues. January Ken met Rep. Ted Lieu. Also, Ken met the former Mayor of the City of Hawthorne and tried to get some help from him to connect to Hawthorne High School. And he is going to run for the CA State Senate, and hopefully something could be worked out so he could work with us on the Public Policy issues, or maybe the K-12 etc.

6:37 PM- Membership Updates (Sherry Stukes (Absent), Dr. Ken Lui on behalf of Sherry):

- HQ didn't update the membership data for January and February. This one is the first time since the New Year. Sherry's chart showed the data for January and February together. She just got the data last week and did a wonderful job putting this together so quickly.
- Membership numbers remained roughly the same since October, with a slight drop in Professional membership (-10), but with gains in Educators (Free) (+3), University Students (+25), and High School Students (Free) (+2).
- We lost roughly 100 Educator members since the middle of last year (2022), possibly due to the misunderstanding that free membership didn't need renewal. Sherry and Ken had been trying to figure things out with AIAA HQ as this could have been some kind of data glitch as well, since they were having issues and delays for the membership data since late last year in 2022. The AIAA HQ Membership Director said we dropped 3.3% but overall AIAA lost 3.9%, so we were not outstanding on this issue. It was more a general trend, or some other issues.

6:45 PM- K-12 STEAM Outreach Updates (Arpie Ovsepyan (Absent), Dr. Ken Lui on behalf of Arpie):

- Arpie has been responding and discussing with Ken. Her school has been short of teachers, and she had to step in often. Tuesday evenings are not the best time for her since fall last year. But she has been involved in each of the Outreaches.
- March 19 (Davinci School FIRST Robotic Divisional Contest) and March 20 (Torrance School District Invention K1-12). Ken is working on some robotic / drone competition / event. Ian Clavio was in the Student Robot Competition World Championships in a local high school, and he will be helping us to get a connection to the local schools. The Educators Meeting on March 25 had some quite interesting discussions, especially on drones, and we will put some efforts into it there. The Washington Elementary School Exhibition on March 31 was fun and well visited as well. April 1 Exhibition was very good in the LA Downtown Makers Event. Ian was there and helped. AIAA is actually a very big Makers Organization, making things too big to bring to demo. Also, an exhibition at the Hawthorne High School is coming up. Hopefully, we can increase the membership with those activities.
- Arpie and Ken have been working on the K-12 Student Awards, James Wertz Scholarship, AIAA SSTC Middle School Essay Contest local entry from the Section, for the May 11 Section Annual Awards Dinner.

6:49 PM- University / Collegiate Chair Updates (by Luis Cuevas Ovsepyan (Absent), Dr. Ken Lui on behalf of Luis):

- Ken mentioned CSULB Student lost their tablecloth we gave to all 4 branches in 2018. Ken is working on the possible fund for it. We got some feedback for March 11 AIAA LA-LV University Branch mini-Conference. Luis might give a talk later this month with CSULB.
- Ian will pick up the Education/Collegiate efforts from Luis after this Election. Ian indicated he would connect with the 4 Student Branches after the Election and get to know their new officers. Maybe Luis could help to get the names of the UNLV Student Branches. Ian will ask them if there is anything they would like to see from us, and what they would see for the incentives for joining AIAA. Late July / early August Ian will check more into it and get familiar with them. Ken will follow up with Ian and see what he would need, and Luis has indicated he would help Ian as well, especially for UNLV.
- Ian asked about the promotional items. Ken explained HQ only gave out only 1 box for the Section and 1 box for each of the Branches, starting last year, due to the financial deficit. The paper planes/gliders were more economic. We can work with Lynn and see. We need to catch up on the schedules and activities of the Branches. Branches have been doing great activities. We can try to get close to them and chat, support, and get connected to them. CSULB Student Branch Chair, Arvin, will not stay as it's his 3rd year. The Education/Collegiate Chair is more a liaison position. Lynn commented that Ian was doing a great job, and suggested thinking of something to support the Branches' membership efforts in fund. Supplies and tablecloth/banners etc. But HQ will not pay for the lost banner (worn-out might be ok depending on the case). It's strange CSULB Branch lost everything. Ken has been working with the Region VI Director for possible CAT III funds for the tablecloth replacement and the economic hanging banner. \$164 for the replacement tablecloth. Ken is trying to see if CSULB still could not find the missing tablecloth. Ian mentioned each branch has their own budget and can do their fund-raising, and he could ask them to produce their own design and fund-raising for their banner. Ian said branches as a club, can request money from their

universities. Ken mentioned a few years ago, starting from Dana Puschell / Dr. Puschell, we occasionally supported CSULB Branch for event and donated the surplus of ticket sales minus expenses back to CSULB Branch. Student Branches got fund-raising much easier. Professional sections have difficulties as companies were confused. Student Branches also have their own funding from AIAA HQ.

7:06 PM- Young Professionals Updates (Courtney Best (Absent), Dr. Ken Lui on behalf of her)

- Courtney has been sent out of town by Boeing since February, and will be temporarily in a different location and may be less available till September/October. She indicated she could be a co-chair or any position. Ken nominated her as the Secretary since Jennifer will not stay. We had a successful YP event on January 19.
- Ken continues to stay connected with some YPs and those we met in the January YP meeting. Working on the next YP meeting. Luis is nominated for the YP Chair/Officer, and he is very interested in helping YPs/ECPs, as well as the Section/AIAA YP/ECP efforts. Jose, Ivan, Bryce etc. We will keep trying to engage them and more YP, and Eunice Lee (Blue Origin). YP is 35 years old and under, above college.

7:08 PM- Career and Workforce Development Updates (Daniel Scalese)

- Daniel talked to Mr. Jeremy Robins, who will take up the Career and Workforce Development efforts after Election, after Daniel moves on to the Public Policy Chair. They tried to do an aircraft safety event as Career and Workforce Development training, in an aircraft safety facility in Alhambra, CA, which is not in the LA-LV Section area, and there is no other aircraft safety facility in the LA-LV Section area. It will be conducted via the San Gabriel Valley Section and Ken has talked to the Section Chair there, a lady/woman professional in JPL, and she expressed interests and will contact Daniel about it.

7:10 PM- Technical Chair Updates (Gary Moir):

- March Aero Alumni Meeting had very interesting discussions. Another one will be tomorrow. Gary mentioned Ken suggested a top for the recent volcano eruption on aircraft safety due to the recent volcano eruption in Russia. Gary gave a present a few years ago during Pandemic on the same topic in a technical meeting with the Section. A new member in the Aero Alumni group, Mr. Paul Gessner, an aerodynamicist / specialist, is in between jobs. Gary is trying to see if he could volunteer as the co-Chair of the Technical Committee, but he was too busy and could not make it. There was an effort to push for young members 2 years ago. Ken mentioned each time when seeing a possible person, he would try to recruit or at least get them more familiar with AIAA / LA-LV Section. Ken invited Eunice Lee, Jose, Ivan, for today's meeting but they could not make it. Ken also met a young professional from AeroVironment. Ken is trying to engage that YP. Gary asked Ian about his background and Ian made a short self-introduction.
- Gary mentioned Ms. Rachel Tillman's father (Mr. John Tillman) had passed away. He was also on the Viking program that Gary was working on as well. Rachel is the founder of the Viking Memorial Archive organization (VMEPP).

- Gary is working on more possible events on aircraft. And Gary will lead the May 13 Technical Meeting on Perlan Glider's flutter analysis. Gary also mentioned an article about a Chinese spy ring, whose leader was arrested and convicted.

7:30 PM- Events and Program Chair Updates (Dr. Ken Lui, Acting):

- Events/Program functions in bylaws and distinctions were shown again to clarify. (Coordination and logistics)
- Ken indicated some of the events were reported as summary but also for some of the officers/chairs absent today.
- (March 18) Supply Chain and Traceability in Space Production Applications
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-18>
 - Several attendees from other industries' supply chain groups attended and networked, trying to understand if there is any opportunity in aerospace supply chains.
- (March 19) AIAA LA-LV Outreach to FIRST Robotics Competition High School Regional Session in the Da Vinci Schools
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-19>
 - An AIAA High School Member was in one of the student teams.
 - An AIAA Professional Member has been a judge in this contest for years.
 - CAMS Team 687 won the divisional title. Da Vinci Schools didn't win, though competed very well closely.
 - Catching the activities of local K-12 schools, teachers, and students.
- (March 20) AIAA LA-LV Outreach Judging in Torrance School District K-12 Invention Competition
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-20>
 - Good outreach
- (March 25) AIAA LA-LV Educators Meeting (K-12 STEAM)
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-25>
 - Interesting conversations and better understanding for the needs.
 - Drone/UAV as a good theme/topic
- (March 31) AIAA LA-LV Exhibition in Washington Elementary School's STEM Night
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-31>
 - It was colder than expected but got very enthusiastic visitors.
- (April 1) AIAA LA-LV Exhibition in LA Maker's Faire in Downtown LA
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-april/2023-april-1>
 - Huge crowds in downtown LA, like 55,000 approximately overall.
 - Got many visitors.
- Upcoming Events:
 - (April 12 @11:15 AM PST) AIAA LA-LV Aero Alumni Meeting
 - Contact: gary.moir@ingenuir.com
 - (April 15) AIAA LA-LV Space Architecture Meeting with AIAA Space Architecture Technical Committee
 - RSVP and Information: <https://conta.cc/3SRFqll>

- (April 29) Serendipity and contrarianism in scientific research: Hit 'em where they ain't by Prof. Paul D. Ronney
 - RSVP and Information: <https://conta.cc/3Ylr52t>
- (May 10 @11:15 AM PST) AIAA LA-LV Aero Alumni Meeting
 - Contact: gary.moir@ingenuir.com
- (May 11) AIAA LA-LV Section Annual Awards Dinner 2023
 - RSVP and Information: <https://conta.cc/3K3mUnl>
- (May 13) Taking A Glider from Design to Flight
 - RSVP and Information: <https://conta.cc/3Kclitp>
- Pandemic- COVID-19 case numbers are still fluctuating locally and nationally but seem to be getting better. Will continue hybrid events. The White House just officially announced the end of the emergency status of the COVID-19 Pandemic last week. There are some other infectious diseases in the news.

7:43 PM- Additional discussions:

- Marty is looking forward to the Tech Alley event this Saturday, as it's the first one after the Pandemic that hit Las Vegas hard starting 3 years ago. Ken asked about the Bigelow company. Marty said it would not come back. Marty went to the NDAA and the Nellis AFB occasionally as well. Gary asked about Nellis. Marty mentioned JT-4. Creech AFB is a little different.
- Gary mentioned an issue with the Wright Flyer project in Flabob. They asked to move everything out of there by April Fool's Day. Gary and others were able to move out some books. There was a termite issue, and the aircraft is a wood one. They are trying to convert the purpose to more for a simple museum project, just keeping the outlook. Gary is making a proposal with them to see if it's possible to earn an air-worthiness certificate. Parts might be worth \$5,000, but the original parts \$50,000. Initially it was hoped to make it into a \$5 Million airplane. Don't know if the AIAA could do anything. Gary is drafting a document trying to work something out with the foundation that owns the Flabob Airport.

Wrapped up 7:50pm because must depart Lawndale Library by 8:00pm

7:50 PM- Meeting adjourned:

Lynn Jenson moved to adjourn. Seconded by Gary Moir

Lynn commented that it was a great meeting.