

**AIAA LA-LV Section Council Meeting Minutes**

**AIAA LA-LV Section Council Meeting March 14, 2023, 6:00 PM PDT**

**– Hybrid Conducted**

**Meeting Location: Lawndale Library/ WebEx**

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

	<b>Council Member, Council Position</b>	<b>Attendance</b>
1	Dr. Ken Lui, Section Chairman	A
2	Dean Davis, Vice-Chairman	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	A
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	A
15	Daniel Scalese, Career and Workforce Development Chair	A
16	Vacancy, Enterprise Chair	X

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

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

**6:03 PM- Secretary- (Jennifer Perdigao (Absent), Dr. Ken Lui on behalf of her)**

- o Jennifer provided the draft of the minutes for the Feb. 14 Council Meeting on the night of that meeting. Ken mentioned he only provided the revised version to the Council on March 13.
- o Ken Lui indicated if anyone had read it and would like to provide his or her approval, it would be counted. No one said anything. Therefore, Ken Lui announced it would be reviewed again for another month and it will be approved in the next Council Meeting in April.

- o Jennifer will not stay on the Council for next term, but she will help us for the election this time. She had much more court cases since fall last year as the Pandemic gradually subsided.

#### **6:06 PM Section Chair Updates (Dr. Ken Lui), and self-introductions:**

Ken Lui displayed Agenda.

- Welcome Mr. Jeremy Robins (from FAA, nominee for the 2023-2024 Career and Workforce Development Officer), and Ms. Brija Johnson (UCLA, considering joining the Council). Self-introductions from them, as well as the attending Council Members. (It took longer for each of the attendees to introduce each other.

#### **Ken Lui Section Chair Report** (Please refer to the Section Chair emailed on March 14)

- Ken Lui's reports also covered for those who could not make it this time so it might take a little longer time, plus the intention to help the new attendees and the existing council to know each other.
- Current Council Members / Roasters
- AIAA LA-LV Election for Council 2023-2024
- o 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.
- o Officer roasters 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 more co-chairs in discussions. But only the voting council members (except for Marty) will be on the ballots.)
  - Ken explained it is advantageous to strengthen the Career and Workforce Development (like getting more co-chairs etc.) without filling the Enterprise positions.
    - There had been some confusions and issues.
    - Enterprise was actually the spin-off from Career and Workforce Development, with the same goal and intention to help members/non-members in career/workforce development, just in an alternative path. The title could be mis-leading. Getting back to the original intention will help in

many aspects, including better linkage with the HQ / Region VI efforts in Career and Workforce Development. We are the only section that has this position. HQ does not have it, either.

- 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](mailto: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%
- 2023 February Newsletter was ready on Feb. 28. Ken is still putting together a newsletter until a suitable permanent editor can be found.
- AIAA Core: Technical Committees (TC) (also helping those new members become more familiar with AIAA and the LA-LV Section):
- New AIAA UAP/UFO Committee, and new AIAA WOAA (Women of Aeronautics and Astronautics, <https://www.woaaofficial.org/>) Committee
- AIAA LA-LV Sustainable Aviation Day
- Space Architecture Technical Committee (SATC): AIAA LA-LV Section with SATC on April 15.
- AIAA ASCEND Call for Content (ASCEND this year will be in Las Vegas, NV, Oct. 25-28)
  - Content proposal submission deadline extended till 22 March from 15 March, after Ken discussed with HQ.
  - Several key questions about logistics were not answered.
  - Will check with the Council for the proposal.
  - ASCEND, unlike the previous Space Conference, is not purely a technical conference, with focuses on various aspects including businesses, commercial space, education, career and workforce development etc.
  - LA-LV Section will have a free exhibition table with basic setting, a table and a few chairs (maybe 2). We will be responsible for other display items. Ken is asking if the table staff from the LA-LV Section will be covered for the trip or not.
- AIAA LA-LV Annual Awards Dinner (May 11) and Awards
  - Ten council members said yes or no objection during the Feb. 14 Council Meeting or with emails in February for Artemis 1 / Aerojet Rocketdyne, as well as the location, Cambria Hotel LAX, and the date on May 11.
  - AIAA HQ Award was given to DART Mission. It might be good we give ours to Artemis 1 / Aerojet Rocketdyne.
  - Mr. Jim Maser, SVP Space, Aerojet-Rocketdyne, will join and receive the Section Excellence Award and give a briefing. He is also just elevated to the Honorary Fellow Membership status/honor. We will also recognize him, as well as other membership advancement in the LA-LV Section.
- Assistance for each of the Officer's functions
  - For example, Ken helping 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

- Quickly mentioning the area within the responsibility of the AIAA LA-LV Section.
- Officers' functions in the bylaws.

**6:55 PM- Vice Chair Updates (Dean Davis (Absent), Dr. Ken Lui on behalf of him):**

- Ken mentioned Dean indicated last week his new position took him more time than expected since New Year. Dean would not be able to stay on the Council for the next term (2023-2024).

**6:55 PM- Treasurer Updates (Lynn Jenson):**

- Continuing to build reserves. Lynn indicated this was the right way to do and supported what we have been doing to conserve and urged everyone to do so.
- There was a \$300 expense in February, due to the deposit for reserving the Meeting Room in the Cambria Hotel LAX for the May 11 Annual Awards Dinner.
- Total balance = \$88,979.87 (as of 3.6.2023) (compared to \$89,237.43 on 2.3.2023)

**7:02 PM- Ambassador Updates (Dr. Seth Potter)**

- NSS Society updates, ISDC in May in Texas. Next year back to Los Angeles.
- A-Man, Inc. STEM International Science Center- Founders have returned to US.
- Aerospace Legacy Foundation Updates
- Stepping up efforts for shuttle mockup- looking for volunteers- may be open May 2024 for limited groups.
- Next ALF Board meeting March 18<sup>th</sup>

**7:09 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 in the Council. She got a new position in the government, no longer with her previous company, LA Gauge.
- CVD (Congressional Visits Day) this year is cancelled by HQ due to deficits.
- Ken met former Mayor of the City of Hawthorne, also Rep. Ted Lieu / Staff.
- Gary suggested maybe Dr. Jeff Puschell could tell us more about CVD. Ken agreed and added that actually Marty went for the CVD almost every year.
- Sherry asked how CVD could help the membership. Ken explained that the experience of CVD was quite attractive. The Public Policy Chair of each section would gather the selected members within the quota, and HQ will train those visitors the day before the day of CVD how to speak and conduct themselves when meeting with the Congress Representatives/Senators or their staff. When the finance was ok, HQ would offer limited travel support. It was a great attraction of membership. But it was not to lobby for any specific businesses, but for general subjects, for example, Planetary Defense, as Gary mentioned.

**7:12 PM- Membership Updates (Sherry Stukes):**

- HQ has not updated the February membership data yet.
- Membership numbers remained roughly the same since October.

- We lost roughly 100 Educator members, possibly due to the misunderstanding that free membership didn't need renewal. Actually, annual renewal is still required even for free membership. We will keep remind them.
- From the JPL experiences, younger generations are less interested in joining professional membership.
- Professional membership decreasing in Los Angeles, slight increase in Las Vegas.
- Create a list of dropped members to contact – Pending updated list from HQ.

**7:19 PM- K-12 STEAM Outreach Updates (Arpie Ovsepyan (Absent), Dr. Ken Lui on behalf of her):**

- 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.
- Some of the outreaches will be shown in the Events/Program charts, including the Bell Garden K-12 Science Fair, Exhibition, the Da Vinci High School Student Robotics shop tour, CMSC Engineer's Week Exhibition.
- A very important subject now is the Student Awards/Scholarship for the Annual Awards Dinner (due March 30). We just sent out the announcement for those 2, as well as the AIAA SSTC Middle School Essay Contest (Due April 30 for the Section, May 8 for National).

**7:21 PM- University / Collegiate Chair Updates (by Luis Cuevas):**

- Luis reported the University Student Branches mini-Conference on March 11, and the pre-mini-Conference tour/career panel in SpaceX.
- Luis described the processes, programs, speakers, students, and the photos from our website <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-11>
- He indicated students were interested in tours, which could be a good way to encourage student participations. He will also speak in the CSULB Student Branch next month as the Section Outreach. Ken added the point that Luis did a wonderful job and was very comfortable among students and lead them. Luis will switch to YP/ECP, as Courtney is temporarily out of time and agreed to move to another position. Ian will step in for the Education (Collegiate) Chair.

**7:26 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 August/September. She indicated she could be a co-chair or any position. Ken nominated her as the Secretary since Jennifer will not stay.
- Ken continues to keep in touch 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.

**7:27 PM- Las Vegas Chapter Updates (Marty Waldman)**

- Marty joined briefly while he was in the airport on his way to Colorado. He could not join via video or audio, only through Chat/Text.

- Ken helped explain that Marty had been continuing his efforts developing Las Vegas AIAA operations. Recently he has been working on the Tech Alley issues and veteran affairs / job opportunities.
- Ken explained again that Las Vegas Chapter is not yet a full-grown professional section yet. Jeff and Nicole helped established the Las Vegas Section, with the intention that Marty would recruit members and have their own election. Before that, they remained as a fostered chapter. They operate independently and we don't typically get into the Las Vegas operations. Occasionally we did work together, though eventually they would be on their own.

#### **7:28 PM- Career and Workforce Development Updates (Daniel Scalese)**

- Daniel participated in the SpaceX tour and the mini-Conference on March 11, and provided his inputs.
- Daniel is nominated for the Public Policy Chair, as he felt his schedule needs some flexibility in schedule. He described certain bill that he would be looking into in aerospace business. A good start. And he will help Jeremy for his picking up the Career and Workforce Development task.
- Daniel attended the defense event in USC recently. Gary also attended and reported in more details in technical report next. Daniel described that meeting, and pointed out the poster for that event had some interesting hidden issue – the aircraft in the background is a Russian Sukhoi aircraft, not an American fighter jet. He suggested some kind of charts to identify aircraft. Lynn indicated he gave a talk in Northrop Grumman and would be happy to do it with the Section. Gary supported that. And Ken asked Lynn, Daniel, and Gary let us do it.

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

- Gary attended and USC event with Mr. Mike Nygren attended the USC Holt Lecture last week where a distinguished panel discussed the past and future of aerospace in California. Daniel also attended it in USC. "The Legacy and the Resurgence of California Aerospace," on February 28, 2023.
- Gary also mentioned a program "Last Supper of Aerospace". That was the Pentagon meeting of more than 20 aerospace corporation CEO's in 1993 in which Secretary of Defense Lee Aspin triggered the aerospace industry consolidation of mergers and acquisitions known as the Peacetime Dividend. The Defense Department budget reductions after the fall of the Berlin Wall in 1989 and the "end of the cold war" reduced the defense industry employment by close to 40 percent. Subsequently 9/11 and now Putin's war in Ukraine partially reversed that trend. It was discussed in the Aero Alumni Meeting on March 8.
- Aero alumni meeting discussed several topics, from "Last Supper of Aerospace", Situation in Ukraine, to JWST images.

#### **7:42 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.
- (February 18) AIAA LA-LV Educators Meeting (K 12 STEAM)
  - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-february/2023-february-18>
  - Da Vinci School Student Robotics Team Facility and Shop. Will keep outreach. Tried to see their students could have time for joining short talk from us or present again their new progresses in one of our Educators (K-12 STEAM) meetings.
- (February 21) Surveillance Balloon or Breakaway Airship? A Chinese Conundrum
  - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-february/2023-february-21>
  - By Prof. Pant, a world expert in Lighter-Than-Air (LTA) technologies, with a group of university students in India as well.
  - Three main approaches:
    - Catching the attention and traffic with a hot topic in the news, to gain attention and potential members.
    - Bringing attention to aerospace technologies and AIAA professionalism.
    - Getting interests in helping establish new AIAA University Student Branches.
- (February 25) AIAA LA-LV Outreach Exhibition in Engineers Week activity in CMSC
  - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-february/2023-february-25>
  - Engineers Week, to inspire students to become the next generation of engineers.
- (March 4) Aerospace Clean & Sustainability Energy - Power-Star
  - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-4>
  - More a business pitch/proposal, mixed with some combination of existing known technologies and analysis like Echo satellites, with solar energy and microwave. No new technology but a combination, with claims for promising potentials.
  - Could be helpful for Public Policy and Career and Workforce Development.
- (March 8) AIAA LA-LV Outreach to Bell Garden School District Science Fair, Judging and Exhibition Table
  - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-8-pm>
  - The graders scattered from elementary to high school. The levels also varied a lot.
  - Arpie was thinking about comparing different schools like Palos Verdes Peninsula School District Science and others. However, it might be difficult as each school is very different.
- (March 11) AIAA LA-LV University Student Branches mini-Conference 2023
  - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-march/2023-march-11>
  - Luis has reported this in his reports. So, no additional reports. Ian, Daniel, and Gary (afternoon) participated.
  - Showed the group photo in front of the SpaceX Falcon 9 after the tour.
- (March 18) Supply Chain and Traceability in Space Production Applications
  - RSVP and Information: <https://conta.cc/3xeNEdh>
  - Initially some companies would participate but it did not work out. We could only do with what we could have. Appreciate the help from the speaker, Mr. Dennis Leung. An important topic, good for Public Policy and Career and Workforce Development. Have been checking with Roz but she could not make it due to schedule with her new work position.

- Dr. Bradley Bobbs will give a talk on Supply Chain/Manufacturing technologies soon after this one.
- (April 15) AIAA LA-LV Space Architecture Meeting with AIAA Space Architecture Technical Committee
  - RSVP and Information: <https://conta.cc/3SRFqll>
  - Space Architecture is a popular topic, and it has been very well received in the past few years with our Section meetings/events on it a couple of times. Collaboration with the AIAA Space Architecture Technical Committee.
- (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>
  - Prof. Paul Ronney could not make it on March 11, but will give this lecture separately on April 29. A very interesting talk and a very good speaker.
- (May 11) AIAA LA-LV Annual Awards Dinner 2023
  - RSVP and Information: (TBA)
  - Excellence Award: Artemis-1 / Aerojet-Rocketdyne (Mr. Jim Maser)
  - Membership advancement, anniversaries (recognition)
  - Student STEAM awards
  - James Wertz Scholarship
  - AIAA SSTC Middle School Essay Contest local entry recognition (not national award)
- Pandemic- COVID-19 case numbers are still fluctuating locally and nationally but seemed to be getting better. Will continue hybrid events.

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

**7:50 PM- Meeting adjourned:**

**Gary moved to adjourn. Seconded by Lynn**