

AIAA LA-LV Section Council Meeting Minutes

AIAA LA-LV Section Council Meeting May 9, 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 | 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 |

ADDITIONAL GUEST(S)- Dr. Jeff Puschell (Section Advisor & Region VI Director Education)

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 or her)

- o Jennifer agreed with the draft calling for the ballots. It was sent out with the online ballot on May 1. The election will end after 21 days as defined in the bylaws (minimum 21 days). After the Chair of the Tellers Committee, Lynn Jenson, agreed with the content.
- o The Tellers Committee was formed and appointed earlier this year, with Lynn Jenson (Committee Chair), Sherry Stukes, and Gary Moir.
- o Meeting Minutes for the April Council Meeting are not ready yet as of May 9.

6:05 PM Section Chair Updates (Dr. Ken Lui & Dr. Jeff Puschell):

- April 22 Region VI RAC Meeting:
 - Ken showed the 2 charts he presented in the RAC Meeting. One was the LA-LV Section Rosters and the 4 branches officers, as well as the March 11 LA-LV Section AIAA University Student Branches mini-Conference. This is to help the directors in Region VI and other sections in Region VI to get to know better who those volunteers were. Lynn Jenson attended on line as well.
 - Another chart was the summary of the LA-LV Section activities. It was like a chess board and categorized the activities into various task forces like Membership, Young Professionals, Technical etc. This is to help coordinate the efforts and make sure things are smooth, with the functions and tasks defined in the bylaws.
- 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.)
- Budgets: In savings mode due to reduction for Section rebates down to 10%, It's difficult but we will have to keep saving / conserving as much as possible.
- 2023 April Newsletter was ready on April 29. The cover page was the Starship by Mr. James Vaughan (donation), to match the timing for the Starship test flight in April, which exploded shortly after lift-off.
- AIAA LA-LV Annual Awards Dinner (May 11) and Awards
 - It will be in two days from today on May 11, in the Cambria Hotel LAX. Wish council members could attend.
 - It's the major event of the year for the LA-LV Section. It shows the functions and what AIAA/LA-LV Section has been doing and should have been doing, following the AIAA/LA-LV Section Missions and Goals.
- Assistance for each of the Officer's functions.
- Discussion Groups.

6:15 PM Special Updates by Section Advisor / Region VI Education Director (Dr. Jeff Puschell):

- Jeff and Ken mentioned the Region VI Director Meeting (RAC Meeting) on April 22.
- Issue about the proposed Region VI plan for event money request
 - The new proposal, if taken place, will allow each section to apply for a grant for each event, not based on the number of memberships of each section.
 - As Jeff suggested, it would not be fair and would punish very large sections like our LA-LV Section.

- Lynn suggested loaning money to HQ.
- Possibly own Section conference like the Responsive Space Conference. Ken indicated we would continue to conserve and save.

6:33 PM Section Chair Updates (Dr. Ken Lui) (Resumed):

- Election:
 - The call for Nomination ended on April 22. It's not in the 2nd Phase of voting. Ballots were emailed to the AIAA members affiliated with the LA-LV Section.
 - Only Professional members can vote and be elected, as LA-LV Section is a professional section.

6:37 PM- Las Vegas Chapter Updates (Marty Waldman)

- Marty had to leave earlier and was arranged to speak briefly earlier.
- He is in San Diego but could not make it to LA here today.
- Marty gave a presentation at the Tech Alley event in Las Vegas, NV. It's different from Jet C2 as Lynn asked.

6:40 PM- Treasurer Updates (Lynn Jenson):

- There was a deposit refund due to a reservation postponed due to Pandemic.
- The income in April is higher than the expenses.
- Total balance = \$89,160.09 (as of 5.3.2023) (compared to \$89,071.94 on 4.5.2023)

6:43 PM- Ambassador Updates (Dr. Seth Potter)

- NSS Society updates, ISDC in May in Texas. Next year (2024) it will be back to Los Angeles.
- A-Man, Inc. STEM International Science Center- Founders (Founded by Mr. Hildreth (Hal) Walker, Jr., and Dr. Bettye Walker) 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 May 20th

6:50 PM- Young Professionals Updates (Courtney Best (Absent), Dr. Ken Lui on behalf of Courtney)

- 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.
- 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.

6:51 PM- K-12 STEAM Outreach Updates (Arpie Ovsepyan (Absent), Dr. Ken Lui on behalf of Arpie):

- Tuesday evenings are not the best time for Arpie since fall last year. But she has been involved in each of the K-12 STEAM Outreaches.
- We have winners for the James Wertz Student Scholarship and the High School STEAM Awards for May 11 Awards Dinner. We just got the names for 2 middle school students entering the AIAA SSTC Middle School Essay Contest from our local chapter. (Due April 30 for the Section, May 8 for National). Arpie managed to submit the names and essays at the last minute successfully. Arpie will make it on Thursday for the Awards Dinner.

6:52 PM- Public Policy Updates (Roz Lowe (Absent), Dr. Ken Lui on behalf of Roz)

- Roz has not been responding and she had indicated she would not continue in the council.
- Daniel is nominated for the Public Policy Chair for 2023-2024 starting June 1.

6:53 PM- University / Collegiate Chair Updates (by Luis Cuevas, who joined online later. / Dr. Ken Lui on behalf of Luis):

- Luis could not make it for the outreach to AIAA CSULB Student Branch in late April, probably due to heavy work load. But he has been responding afterwards a few times.
- UCLA elected a new Student Branch, but she was not a Student Member of AIAA. Sometimes students didn't know it was required. But this time they were reminded by us and the HQ, and she decided to enroll and is now a Student Member, matching the requirements.
- Some Student Branches are in finals. We will keep track of their election processes and the new officers.
- CSULB Branch lost the tablecloth the Section bought for them for each of those 4 branches. We are seeking funds from Region VI. UCLA Student Branch is asking for a hanging banner.
- Ken and Ian discussed a possible outreach to a local high school or/and an award event for high schools, as Ian is looking to do the Education Chair after Luis. Ian was on a winning robotic championship team in a local high school a few years before he attended CSULB. We want to recognize them and more outreach. Also, Ian has some ideas for the University students' affairs with the Section and the K-12 school.

6:58 PM- Career and Workforce Development Updates (Daniel Scalese)

- Daniel mentioned MIT is doing a STAMP (Safety related) Workshop event (in person in Boston and online), June 5th- 8th, MIT Partnership for Systems Approaches to Safety and Security (PSASS). Good presentations.

7:01 PM- Technical Chair Updates (Gary Moir):

- Aero alumni meeting in April discussed several topics, from Domain strategy issues to Mike Ciminera's new book and the new plan for the Western Museum of Flight expansion for displays. Also, the Chinese spies took advantage of the tech conferences by inviting people to speak in China. Several arrests were made. The May Aero Alumni Meeting will be tomorrow, May 10, which will include the discussion on the winglets. Bob Young is now working with Raytheon on the Lunar Net project.
- The Wright Flyer project, initiated by the LA Chapter many years ago, had some issues now at the Flabob Airport. It needs an airworthiness certificate and some funds. They might try

to turn it into a museum display and cancel the plan for flying it. There might be a business case to be made, such as the engine might be salvaged, etc. Gary talked to the Jurupa Valley County there. Things seemed to be taken apart and it seemed to be in trouble. More to follow up there. Not successful in getting some maintenance mechanics volunteers. No strong case was presented to counter the event / trend. The aircraft will stay for educational purposes, but might lose the meaning for it. Lynn reminded Gary that Daniel mentioned in the Chat about the EAA Chapter there, but Gary said he already contacted the EAA Chapter there. Daniel said they might have built EAA's own Wright Flyer Replica.

- This Saturday Gary will lead a Technical Meeting on May 13 with 2 speakers from ATA Engineering on the design/engineering and testing for the flutter issues on the Perlan Glider. Wish people can join us.

7:13 PM- Membership Chair Updates (Sherry Stukes):

- The membership information has not come out yet from HQ, so it's the same as last month.
- A new member from NASA, Mr. Steve Sterk, is one of Sherry's co-workers. Sherry recruited him.
- Ken mentioned we picked up a few members as they wanted to vote, which requires the memberships.
- Ken mentioned the recognition for the Honorary Fellow (Jim Maser), Fellow, Associate Fellow etc. on May 11. Ms. Tammy Choy became a member and now an Associate Fellow now, after she led an event on aerospace cybersecurity in 2018. Also, Dr. Amir Rahmani is from JPL and just got the Associate Fellow. Also, the membership anniversaries, including Dr. Dan Raymer, Dr. Rich Van Allen. And some regular event attendees. Prof. Mike Gruntman can't make it, but he has been ultra supportive for the Section, newsletter articles etc. A great way to engage members. Sherry has been doing a wonderful job! Also, the best student paper, AIAA SSTC Middle School Essay contest student. A new member is coming from NASA Langley and is now in our Section. Jim Maser has a very exciting video to present on Thursday. Artemis is a main project for Aerojet Rocketdyne, as well as Orion and Gateway. Ken also explained the other awards like the best events etc., Space Architecture, Student Branch mini-Conference, DC-X/XA. The Space Architecture mini-Conference was very well-attended, and could be expanded to a full conference and several attendees might show up in person in Los Angeles. Starship would be another one, but we will see if we can get that 2021 speaker back again. We separate the STEM into General, Aeronautics, and Astronautics, categories. Dr. James Wertz will be there. This May 11 is also an event of Membership for Sherry.

7:27 PM- University / Collegiate Chair Updates (by Luis Cuevas):

- Luis has been following up from the March 11 AIAA LA-LV University Student Branch mini-Conference. He has been trying to engage with the DBF (Design Build Fly) students as a group to student. They are nervous but Luis is trying to get them involved with the AIAA Student Branches, as some won the top three last year. Luis is thinking about a quick mixer event and will work with Ken. Those will be super beneficial to the students.
- Luis can't make it to the May 11 Awards Dinner. He won the Best event again this year.

- Ken mentioned he relayed Luis' concern about the inactive USC Student Branch, which may not meet the criteria for staying as the AIAA Student Branch.
- Ken mentioned again the issue about the UCLA newly elected Student Branch Chair not being a Student member of AIAA. Luis said indeed it's mentioned in the bylaws. Ken mentioned most of the time it doesn't need to do a lot of work. Just try to help the student branches / students to learn and understand what AIAA really is, how AIAA works, and the bylaws etc., orientation/re-orientation. YP, too. Luis could check with Sherry for some possible membership training or correct information delivery etc.
- Ken mentioned the awards were a good way to get membership. All the students who got the Section awards all joined the AIAA High School Student Membership. Some YP / University Students Awards could help with the membership. Ken likes the idea of the mixers Luis mentioned. Ken also mentioned the hot topics like AI and drones were things that many students were doing and could be helpful for the efforts for Luis and for Sherry's overall membership.

7:33 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.
- (2023 April 12) AIAA LA-LV Aero Alumni Monthly Meeting 4/12
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-april/2023-april-12>
 - Led by Gary (see Technical Chair report section above).
- (2023 April 15) AIAA LA-LV Space Architecture Meeting with AIAA Space Architecture Technical Committee
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-april/2023-april-15>
 - Very well attended with 175 attendees total.
 - Next one will be in December.
- (2023 April 29) Serendipity and contrarianism in scientific research: Hit 'em where they ain't by Prof. Paul D. Ronney
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-april/2023-april-29>
 - On USC Campus in Aerospace Engineering Department.
 - Very interesting meeting.
- (2023 May 5) AIAA LA-LV Outreach to Space Systems Command: Ceremony Honoring Apollo 11 Astronaut & Fighter Pilot Buzz Aldrin's Honorary Appointment to Brigadier General
 - <https://www.aiaa-lalv.org/blogs/2023-blogs/2023-may/2023-may-5>
 - Very good membership and outreach. Gen. Buzz Aldrin is an Emeritus Member and Fellow of AIAA.
- Upcoming events:
 - (2023 May 10) AIAA LA-LV Aero Alumni Monthly Meeting 5/10
 - Led by Gary (see Technical Chair report section above).
 - (2023 May 11) AIAA LA-LV Annual Awards Dinner 2023
 - RSVP and Information: <https://conta.cc/3K3mUnl>
 - 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)
- (2023 May 13) Taking A Glider from Design to Flight
 - RSVP and Information: <https://conta.cc/3Kcljtp>
 - Led by Gary as a Section Technical Meeting
- (2023 May 20) AIAA LA-LV Section Exhibition in Hawthorne High School Makers Faire
 - Outreach
- (2023 June 10) Waterproof Spacecraft - Why the Ocean Preps for Deep Space Exploration
 - RSVP and Information: <https://conta.cc/3oTHVZN>
 - From Oceanography to Deep Space Exploration like Europa etc.
- Pandemic- COVID-19 case numbers are still fluctuating locally and nationally but seem 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