

AIAA LA-LV Section Council Minutes 2022 September 13

Call to order 6:00 pm by Ken, the Section Chair

Present (In-Person): Ken Lui, Gary Moir

Present (Online/Dial-in): Lynn Jenson, Marty Waldman, Sherry Stukes, Daniel Robert Scalese, Seth Potter, Arpine Ovsepyan, Courtney Best

No Present: Dean Davis, Roz Lowe, Luis Cuevas, Jennifer Flemming Perdigao

Section Chair Report – Ken (Please refer to the Section Chair updates PDF file emailed to all on September 13, (Updated September 14))

- **Membership benefits**
 - Inquired by some members if we promote AIAA Membership
 - Sherry and Ken have been showing slides (mostly prepared by Sherry, several added by Ken) for membership introduction and benefits in most of the events and exhibition outreaches. Some former Section Chairs, too.
- **Newsletters**
 - August Newsletter was published and released. (Cover Story: Women's Event 8/20)
 - Section Newsletters are integrations, also Section reports to the public. Encouraged section newsletter contributions council.
 - With the flipbook version as well since 2020/2021
- **Section giveaway paper gliders/airplanes reorder received**
 - Received on 9/6. 500 pieces. Cheapest \$0.69 /ea, recycled paper
 - Lynn suggested used them cautiously with limited amounts for each occasion.
 - Lynn commented on maybe testing its aeronautic characteristics: Ken suggested a wind-tunnel test. Gary asked if the wings are card boards, and the answer is/was yes.
 - HQ only gives each professional section and each university student 1 box of giveaway items, and we used up our 1 box on July 23 in ASG with Courtney/Ken.
 - Ken helped all 4 of our university student branches get their quota of 1 box each branch each year.
- **Possible new tablecloth (No HQ funding)**
 - Lowered the price to \$200-\$300 range. Still checking.
- **Possible T-shirts for Council members and guests (No HQ funds)**
 - Receiving samples, checking pricing.
- **Funds/Grant/Donations and the Saving Modes**
 - Sep. 6: \$543 AIAA HQ generous grant for Diversity and Inclusion, for the Section "Making Space for Women" Meeting. August 20, September 10 Section meetings' expenses were balanced.
 - Trying to reach \$100K range (2023 August \$88k) ASAP, so we can go back to the normal mode. Late October CAT I & II Funds will help make it close to that, but still need to save, while looking for possible sources.
 - Section used to get SpaceX (more), Aerospace, Raytheon donations, to help special events, Annual Awards Dinner, and keeping budgets balanced, sustainable.
 - Looking into other sources. Previously companies were confused and would not support, as we are a professional section, not student branches, and they already donated to HQ.
 - Renew the efforts and will explore other possibilities as well.
 - Economic meeting rooms, like some libraries, are needed to keep the expenses low. And they are very good rooms.
- **AIAA Domain Strategies Initiatives (More see Events/Program Report)**
- **Ask AIAA LA-LV / Office Hour**
- **Council Meetings on campus with University Student Branches**
 - Student Branches are not ready.
 - Recommended by HQ. Council meeting is reaching out to Student branches to enhance interaction and recommendations for economic meeting places.
 - Need to work on the agenda and test to see if we can accommodate 1 branch at a time. Barely have enough time for council members report within 2 hours.

- **Incentives for Attending Council Meetings**
 - 7 meetings = free meal at Awards Dinner
 - It has been implemented in previous pre-pandemic years, and no objection previous or this council meetings, or other ways. Since it's not like bylaws or major issues, no voting needed. We will proceed with 7 and implement it. If any question, please contact Ken.
 - Last month Gary and some others indicated 7-times between June 2022-April 2023 is reasonable.
 - In-Person, online video conferencing, phone dial-in, are the 3 ways of participations that count into the 7 times between June 2022 – April 2023.
- **Economic nice meeting rooms help saving**
 - \$543 received on 9/6 for August 20 "Making Space for Women" Section Meeting, from HQ Diversity and Diversity Grant. Event expenses were balanced properly, also with an inexpensive but very nice library meeting room.
 - 9/10 Section Meeting expenses were also balanced thanks to the economic library meeting room and generous donations.
 - Economic nice meeting rooms will continue to help the Section budgets. Expensive venues with no certain ways to recover the overhead expense is to be avoided. And we do have very good and inexpensive alternatives.
 - We have been in the saving mode since 2021, due to prior reduction the Section budget.
 - The goal is going back to \$100K ASAP, right now \$88K as we will hear more from Lynn.
 - HQ CAT I&II funds will be sent to us in late October. It will be close but still short of \$100K. We will need to continue to conserve and save and find sustainable ways.
 - Ken will reach out to possible funding and donation sources and get supports for special events like the Section flagship event like the Annual Awards Dinner.
 - We will do the best to reach the goal ASAP, so we can end the saving mode, and go back to the normal mode, with annual donations/fundings.
 - Recent visits to more possible economic venues were shown, plus the existing ones, which also opened up some possibilities.
 - Lawndale library has ok'ed for certain safe indoor drones. El Dorado East Park is good for open space drones and gliders.
- **Safety / Alcoholic beverages / foods**
 - Safety is the top issue and concerns for Section activities.
 - Recent news (also frequently reported) indicated group tour bus may not be safe and would also add more liabilities and risks. Prior councils discussed about and felt individual trips on own transportation on attendees' own responsibilities would be better way.
 - Oct. 6 Section Meeting in WPM will have alcoholic beverages, sponsored by WPM. AIAA policy stated not to be involved in any transactions of alcoholic drinks/foods. Prior Section Meetings/Events used restaurant bars, and on guests' own risks and responsibilities.
- **Oct. 29 Section Awards/Appreciation Lunch for both 2021-2022 and 2022-2023 councils**
 - Several have confirmed their participation.
 - Both 2021-2022 and 2022-2023 council members are invited. Most of the 2022-2023 council members are also in the 2021-2022 Council.
 - Those awarded will be covered for their lunches. The others will be on their own expenses for lunches.
 - HQ doesn't give awards, only recognition, which they did. All council members will receive the appreciation certificates. Those awarded will receive additional recognitions.
 - It's group efforts, as it can be seen that actually there are no categories of Section Awards for certain positions, like the treasurer and some others, who actually play very important roles.
- **Possible online or in-person Raffle/Quiz / Section books / sales for donations**
 - Prior donations from Dr. James Wertz and others. Used to do book sales for donations. Also, some professional / AIAA books.
 - Could be useful / beneficial for K-12 STEAM Outreach, Young Professional, Education/Collegiate, Career and Workforce. Limited time as suggested by Arpie.
 - Will scan each book and post online. Google Quiz or Section Website.
- **Possible "AIAA LA-LV Saturday"**
 - One whole Saturday per month, from Career Workforce Development, Technical, YP/ECP, K-12 STEAM Outreach, Education, and others. This will help consistent efforts and help the officers/council members to have good chances to be awarded next year by HQ.

- No need to show up if busy. Planning or providing ideas/supports is good and will be counted into the corresponding efforts. Online or in-person. Again, if busy, no worries.
- Will combine demos and workshops etc (like AIAA Engage and others)
- **Section Office Hour / Ask AIAA LA-LV / Side Gathering**
 - This is the efforts to prepare us for opening up the Council meetings in the future to the auditing or listening in to the general public. It's also to gather the help from volunteers, members, and others.
- **Discussion/thoughts/suggestions on several possible themes / activities in some of the Council Member functions / responsibilities**
 - Events are not the sole effective activities. In fact, there are very easy and very effective ways and described in the bylaws. Also, some prior years' examples were discussed just for reference.
 - Artemis 1 and its supply chains
 - If the mission is successful, it could be good inspiration for many areas from technical, public policy, career and workforce development, YP/ECP, K-12 STEAM Outreach, Education/Collegiate etc. efforts.
 - aiaa-lalv.org Google Workspace and related apps
 - aiaa-lalv.org email addresses, like business cards
 - Google Discussion Groups, Google Chat/Space, Google Classrooms (and/or MS Teams Classrooms) could be very useful tools for attraction members and for the efforts for each committee / sub-group, from Aero Alumni, Technical, K-12 STEM Educators, YPs/ECPs, Career and Workforce Development, Education/Collegiate etc.
 - Nice trendy App of Google Chat/Space could be attractive to some members/non-members.
 - K-12 STEAM Outreach
 - Liaison, Educators, dynamics, Science Fair
 - AIAA STEM Grants/Awards (posting)
 - Google / Teams Classroom
 - Downey Columbia Space Center / Lawndale Library / Cerritos / School Systems Classroom outreach
 - Technical
 - Booked Dec. 7 and 14, 5-9 PM PDT for what Gary mentioned for Apollo 17 50th Anniversary for PVP Center Library Community Room. Could be changed to Lawndale Library (Cheaper), but only between 12-7:30 (8) PM PDT.
 - We can change 1 day to the Downey Columbia Space Center, slightly more, but we can take care of it ourselves.
 - Looking for funding/grant/donations for possible needs. Saving mode.
 - Getting possible speakers, Apollo 17 artist, RS-25, Artemis supply chains
 - Combing Technical aspects and histories.
 - Public policy
 - Good to apply officer's own expertise/experiences
 - Manufacturing 4.0
 - Supply Chain
 - Artemis
 - Previous years, connection to Representatives
 - Avoid CA Aerospace Day, historical issues
 - Avoid money/endorsement issues)
 - Career and Workforce development
 - Good to apply officer's own expertise/experiences
 - Aerospace Workforce Analysis/Statistics
 - Career Advice – in companies / individual / start-ups
 - Artemis / Aviation Supplies / R&D
 - Student Branches have doing resume workshop
 - Avoid money/endorsement issues
 - Education / Collegiate
 - Liaison, Dynamics in Branches
 - Section-Branch Interaction
 - Student Branches have doing own resume workshops
 - The Section used to sponsor 1 event per year for CSULB, in 2015 and 2016. We paid for the room, food, did ticket sales/ads, and donated the surplus (ticket sales - expenses) to the CSULB Student Branch.
 - Young / Early Career Professionals
 - Liaison, Understanding Needs from YPs/ECPs, helping them know AIAA better,

- YP Membership discount
- Years ago, 1 annual Mentor Match-making
- YPs/ECPs are still professionals
- Drones demo
- Prior topics like the Section responsible areas (boundaries) and Council Members' responsibilities / functions, possible demo ideas: No further discussions this time. Please see the Section Chairs Updates PDF File Sent on September 13 (Updated September 14)

Treasurer's Report – Lynn

- Funding reserve is healthy
- Extra expenses (Constant Contact annual renewal) and income (AIAA HQ reimbursement for “Making Space for Women” event) this month (August).



UNION BANK ENDING BALANCE

Ending Bank Balance as of 9.6.22

- Cash box =\$ 150.00
- PayPal = \$ 257.11
- Checking = \$14,278.07
- Savings = \$ 5,005.00
- CD = \$68,350.84
- **TOTAL = \$88,041.02**

Ambassador (NSS/ALF/AMAN) Report – Seth

- NSS annual conference
- ALF Board meeting 9/17
- Restoration of Space Station Inspiration mockup



National Space Society (NSS) (1 of 2)

- NSS is a non-profit organization dedicated to giving citizens a voice in space exploration, development, and settlement
 - Formed through a merger of Wernher von Braun's National Space Institute and the grassroots L5 Society
 - Website: <https://space.nss.org/>
- “Big tent” membership includes interested laypersons, aerospace professionals, entrepreneurs, educators, and students
- US-based, with chapters all over the world, particularly the US, India, South Africa, Germany, Australia, Greece, Ecuador, Japan
- Annual multi-track conference held in late May: International Space Development Conference (ISDC); venue typically rotates between the Washington, DC area, various other locations, and Los Angeles in a three-year cycle
 - Cancelled in 2020 and held online in 2021 due to COVID
 - Latest ISDC held May 27-29, 2022 in Arlington, VA
 - Future ISDCs: 2023 in Frisco, TX (near Dallas); **2024 in Los Angeles**

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National Space Society (NSS) (2 of 2)

- *Ad Astra*, the quarterly magazine provided to NSS members, is now available on newsstands
- The OASIS – Los Angeles chapter has had limited activity recently, but hopes to resume soon. Check <http://www.oasis-nss.org/wordpress/> for updates.

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Public Policy – Ken on behalf of Roz

- Roz could not make it today. But she had been expressing strong interests in developing Manufacturing / Supply Chain themes in her term in the Public Policy efforts in the Section, in addition to the Annual Capitol Visit Day (CVD) with HQ.

- Roz volunteered previous before joining the Council by connecting her previous employer, the LA Gauge, the company provided Be for JWST. Now she is working in the Government emphasizing Manufacturing efforts.
- Jeff and Ken setup the Manufacturing 4.0 meeting last years. Roz expressed interests. Ken will help connecting the possible Manufacturing and supply chains people and issues.
- The Section had an event with a local political figure. It would be good to continue to explore in this end, like in some of the previous years. This is mentioned in the bylaws and encouraged by HQ. But it's not to lobby or endorse other companies or individuals. Jordan, the previous Public Policy Chair, explained it earlier this year or later last year. We need to continue to be cautious.

K-12 STEAM Outreach – Arpie

- Sustaining careers from Northrop Grumman for teachers
- Discussion of raffles at events—very effective
- Expressed that economic Library Meeting Rooms are good ideas
- Connecting some local schools like the Palos Verdes Peninsula School districts for attending the Section meetings/events, like the October 12 Calculus/3D Printing event, and the Hawthorne School District for other Section meetings/events in Lawndale Library. Ken expressed the importance of this to enhance the liaison and participation/community efforts, reaching out to school systems.
- Discussions with Ken about the books as raffle prizes.
- Suggested online raffle drawing with limited time on the website
- Ken indicated this could also draw attention to the Section website

Education Collegiate – Ken on behalf of Luis

- Luis could not make it today but has been discussing with Ken. He has been doing jobs connecting to the Student Branches and see what they have been doing and what they might need, especially the UNLV Student Branches.
- Luis had a discussion with UNLV and also with Ken, on a situation in UNLV. It was suggested to work it out by their Student Branch bylaws, before the HQ and the Section jumped into it. And the UNLV seemed to have resolved it on their own and just had a new board a few days ago this week.
- Ken explained again only one box of giveaways per branch/section is allowed per year, and we helped all 4 of our students branches to get their boxes, especially they just started their annual recruitment recently.

Young Professionals / Early Career Professionals – Courtney

- Courtney indicated she was not able to participate in the August 20 “Making Space for Women” Section Meeting, especially the YP/ECP panel discussion, due to travel, Initially Courtney was designated and asked to lead the YP/ECP Panel. Ken indicated this YP/ECP Panel would still be counted toward Courtney’s YP/ECP efforts with the Section. Ken suggested if Courtney prefers and has time, she could write a short article about that YP/ECP Panel on August 20, even

the event as a whole, with the video recording, to be posted on the Section newsletter. But no pressure at all and not required.

- Courtney is on travel at Purdue University. But she still kept her efforts telling more YPs/ECPs about AIAA Professional Membership and the Young Professional 50% discount promotions and connecting to YPs/ECPs.
- Courtney mentioned she would reach out for Boeing participation on drone education activity in the El Dorado East Park.
- Ken mentioned he also tried to help by reaching out to Hollywood people for a possible Entertainment drone event.

Membership – Sherry

- Will prepare slides on Membership, as the HQ has been always late in recent months in updating the AIAA Membership data.
- Section Award lunch on October 29 is a great opportunity to encourage membership and participation. Sherry encouraged people to attend/participate in it.

Las Vegas Chapter – Marty

- Working on getting leadership in place for planned projects. (Ken's note: Right now, they have 2 persons as Marty mentioned in previous months, himself and Ms. Andrea Diamond, who used be in LA and participated in our Section events/meetings.)
- Continue to work on the Spaceport Las Vegas
- Microgrid Small nuclear reactor (lost to Eielson AFB in Alaska)
- Ken mentioned the Section has been looking for talks on nuclear fusion (EU, and US), and Nuclear-powered rocket engines. And will get Marty back to give a talk on microgrid nuclear reactor again when he is ready.
- Marty mentioned everyday efforts there was like the AIAA CVD. Ken mentioned Marty's efforts getting the local political leadership/office staff to show up in Las Vegas activities as Ken met/saw a few years ago when he went to Las Vegas to support Marty.

Career and Workforce Development – Daniel

- Internal Communications University Aviation Society and potential AIAA influence
- Ken suggested he had been looking into some Flight simulators, for possible membership attraction, career/workforce help, and inspiration for K-12, YP, College students etc. Daniel Many used Flight Simulators are available at no cost other than shipping (expensive). Ken indicated would follow up the discussions with Daniel.
- Ken mentioned a similar effort on a Mars Driving software.
- Daniel, Ken, and Lynn discussed about the Northrop N-9M flying wing crash in the Chino Airport. Daniel mentioned some of the issues about it. Ken suggested Daniel expertise in Aircraft Safety could be applied into his efforts with the Section Career and Workforce Development.
- (Side note) Since Daniel touched the issue of flying wing Northrop N-9M, Ken indicated he had been looking into a booth in the HB Airshow with no response,

with Daniel pointing out it would be very expensive for a booth. Ken indicated due a Section meeting/event in the Lawndale Library on 10/1, and also due to the lack of response from the Airshow, as well as the ultra-expensive cost for a booth, we might bypass it, especially it's actually not within our Section boundaries / responsibilities.

Technical – Gary

- Last Aero Alumni meeting was excellent (8/10)
- Next Aero Alumni meeting, 9/14:
 - Phil Barnes explanation of his new patents
 - JWST new images
- Mike Ciminera's book is entering editing phase by AIAA. He will do presentation in a future meeting
- Aero Alumni Meeting for October will include a presentation on the Dominguez Air Show (1910)
- Apollo 17 Anniversary: Possible NSS and ALF startup money, will coordinate with Seth
- Gary will be gone for two weeks
- Ken will try to get an artist speaker for Apollo 17 event
- Tie-in to Artemis 1 and RS-25
- Ken suggested RS-25 could add in some technical elements into history event.
- Gary asked the council members to get and utilize the new aiaa-lalv.org email address for their efforts and functions. Ken also encouraged the council members who haven't requested it to join and participate (voluntary, testing)
- Invite other members to participate in the technical efforts. Ken suggested the newly introduced aiaa-lalv.org Google Discussion Groups could be a good way to Technical or/and Aero Alumni efforts as attraction to AIAA/LA-LV. Gary suggested a possible training session for that. Ken indicated it could be arranged, like in the proposed "AIAA LA-LV Saturday", and we actually did the AIAA Engage training/demo early last year.

Ken – Events/Program (Acting)

- Report on 8/20 Women in Space event

- Report on 9/10 event
 - AIAA Domain Strategies Initiatives
 - Taiwan Defense

○ JWST IR Cameras



• Upcoming Section meetings/events in September-December.



- Consistent Meeting location vs rotations once in a while. We will continue to explore and work with inexpensive/economic meetings room to save / balance budgets, while still having / developing high quality AIAA LA-LV events. A consistent location will serve an attraction center / magnet for members/non-members as well to keep and attract members. Many hotel venues have or will raise their prices much higher after New Year.
- COVID-19 Pandemic watch: LA County roughly the same as in July/August, no significant increases in cases and deaths. National / CA cases/death cases was either remained no significant change, or even declined. Some venues or stores just recently reopened for the first time in late August or early September. We will keep monitoring the situations and status. Quite some people are still confused and not sure if it's safe they would come out for in-person attendance, if they should still wear masks indoors or keep social distancing.

Additional Discussions/Questions:

Lynn –

- Can the Membership benefits charts Ken mentioned be shared? Sherry said OK. Ken provided it to Lynn.
- Ken mentioned some of the library rooms could be free. What's the requirement? Ken: it needs to be open to the public with no deny or charge for admission. Lynn also asked if anyway to inform the public, and Ken indicated our mailing list included members and other non-members who subscribed voluntarily, plus the posting on AIAA LA-LV Engage and website, plus social media, and some members had been helping spread the words. One of the eventual goals for the Section Public Meetings/Events and even Council Meeting could be open to all the public, while conducting the AIAA LA-LV business/operations efficiently, and the Officers can enjoy, have fun, and utilize the previous volunteering time efficiently and happily on helpful issues.

Final comments:

Ken –

- We will keep working on the attempt to incorporate one student branch at a time in Council Meetings on their campus. We will keep working on concluding the Council Meetings with 2 hours and conducting it efficiently so everyone present / express. We will keep trying and testing so maybe allowing 1 student branch at a time in the future to participate in a council meeting. And we will continue to test so we don't drag on beyond 2 hours. Certain issues can be discussed outside the Council Meetings. Everyone volunteers their precious time for AIAA / LA-LV Section business/operations and we respect that and want to make your time highly valued and respected, and it could be efficient and enjoyable.

8:00 pm adjourned (Motion by Lynn, seconded by Gary, Called for Adjourn by Ken)