2019 CV Executive Council Meeting Minutes
Monday, February 4, 2019
12:30-2:00pm
Honolulu, HI

Officers:
J. Moore, Chair
Balu Welch, Chair-Elect
Michael Lawton, Vice Chair
Clemens Schurmer, Secretary
Adnan Siddiqui, Treasurer

Attendees:
Albuquerque, Felipe
Arthur, Adam
Bain, Mark
Dehdashti, Amir
Ellis, Jason
Fraser, Justin
Garrett, Karen
Gonzalez, Fernando
Howard, Brian
James, Robert
Kellner, Chris

Lawine, Sean
Lawton, Michael
Mack, William
Mocco, J.
Nakaji, Peter
Niemel, Mika
Russan, Jonathan
Schurmer, Clemens
Siddiqui, Adnan
Simon, Scott
Singer, Justin
Traumakis, Stavropoulas
Welch, Babu

Guru Aravinda
Note
Meeting began at 12:35pm HST on February 4, 2019

Two quick items, we have a hashtag on twitter cvsection2019. Motion to approve the minutes, motion to approve, seconded, minutes are approved
We continue to sit fairly well overall. Most of our funds remain in long term investments with NREF. Our liabilities remain stable.
Membership dues are at about 50%, we expect that to continue to accrue. Our total revenue is about 415k for 2018. Its not quite as high as 2016, primarily because our biggest revenue generation is our annual meeting. We were concerned that being in Hawaii would be a problem. 

JM: Our revenue from the meeting is having a consistent decline 

Back to 2010 there was a progressive rise in revenue. For this years budget we are anticipating a revenue of 360k
Most of our expenses remain stable, we are now more into the maintenance phase.

Overall, our net income is close to 60K, note that annual meeting expense needs to be subtracted from annual meeting expense. There’s not a whole lot of actual profit from the annual meeting. This year we are concerned that our expenses accrue earlier than the income. We expect to end up in excess.
The above are some of the contributions that have been made:

### Balance Sheet

**Account Payable & Current Liabilities:** Actual $5,000

<table>
<thead>
<tr>
<th>Contributions/Sponsorships</th>
<th>Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christopher Getch – FY18</td>
<td>$5,000</td>
</tr>
</tbody>
</table>

**General and Administrative Revenues**

- **Contributions for Operating Expenses:** Budget $10,837, Actual $3,866
  - Financial Management $2,404
  - Membership Management $1,462

- **Annual Meeting:** Budget $360,000, Actual $4,005
  - We received an additional $4,005 for CV Annual Meeting from 2018.

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### Expenses

- **Audio Visual** – Budget $9,000, Actual $1,932
  - The expenses consisted of Audio Visual related expenses at the CNS Annual Meeting in the fall of 2018.

- **Bank Fee** – Budget $1,300, Actual $68
  - To have credit card processing, there is a 3.5% (average) charge for all gross revenues.

- **Contributions and Affiliations Budget:** $50,000, Actual $30,000
<table>
<thead>
<tr>
<th>Contributions/Sponsorships</th>
<th>Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>NREF</td>
<td>$20,000</td>
</tr>
<tr>
<td>Washington Committee</td>
<td>$10,000</td>
</tr>
</tbody>
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- **Food & Beverage** – Budget $14,000, Actual $18,031
  - The CV Section food and beverages at the CNS Annual Meeting in the fall of 2018 was $7,457.
  - $1,000 for food and beverages back in April 2017 and $9,574 for Fleming Dinner back in January 2018.
  - We didn’t receive the bill for April 2017 or the January 2018 until this year.

We continue to sponsor contributions to NREF.
We additionally have streamlined the above.

This is the whole slate of honoraria and awards, the largest amount is the Dacey fellowship, sitting at 50K. We also have the Dempsey award which is accrued and awarded each year. We have commitment now from Canon to continue sponsoring.
We continue to encourage people to contribute to NREF, please note on your donation that this is being made on behalf of the CV section. I’m happy to report that we have had 100% participation. We ask that people consider NREF, it’s tax exempt.
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The above slide was reviewed
The above are current awards, but we usually get this money donated back.
This is the status of the CV funds. We are currently at about 530K, one discussion was to try to expedite that fund growth. We have funds available for research, some of which have been funded. I think Adam Arthur really helped gain sponsorship.
Nominating Committee Members

Members

• Chair
  • Greg Zipfel (Immediate Past Chair)

• Members
  • Kevin Cockroft (Second Past Chair)
  • J Mocco (Chair)
  • Babu Welch (Chair Elect)
  • Michael Lawton (Vice-Chair)
  • Fernando Gonzalez (Elected Member, 2018-19)
  • Andrew Ducruet (Elected Member, 2018-19)

The Above Slide was Reviewed

Nominating Committee Report

• Call for nominations on September 20, 2018
  • Robust response received
    • 2 individuals nominated for Chair
    • 4 individuals nominated for Vice-chair
    • 6 individuals nominated for Treasurer
    • 11 individuals nominated for MAL
    • 3 individuals nominated for Nominating Committee
  • Conference call held on December 15, 2018 to begin decision making
  • In-person meeting to be held on February 5, 2019 to finalize slate of candidates
  • Voting by membership to begin February 2019

J. Mocco reviewed the above
Nothing really new to address as far as membership, we try to go back and collect dues from those who haven’t paid. The list is manageable
The new effort is we’re going to increase membership and make it easier to sign up for membership when you sign up for AANS membership. It saves time and paperwork.

Bylaws & Rules & Regulations Committee
Dr. Robert F. James (Chair)  
Dr. Stacey Wolfe  
Dr. Alex Spiotta

Link to vote for Dacey Medal Selection Committee Resolution:  
https://www.surveymonkey.com/r/CVBylaws

We set up the voting mechanism for the Dacey medal committee. You can now vote, voting will close by the next meeting. We have to have 75% yes in order for it to pass.
Website Update
Dr. Jonathan Russin

Website Committee
News – Chris Griessenauer, Joseph Linzey
Patients – Peter Kan
Members – Aditya Pandey, Chris Roark, Rabih Tawk
Meetings – Rose Du
Education – Justin Mascitelli, Amir Dehdashti, Daniel Heiferman
International – Leonardo Rangel-Castilla
Awards & Grants – Scott Simon
Research – Scott Simon, Josh Osbun

I’d like to mention Joseph and Chris, they did the welcome slide to help get people to follow us. In order to get physicians, members, and patients, please share this to get people to the website
Overall users and page views could be artificially increased in 2018 by referral spammers.

Overall users and page views could be artificially increased in past 3 months by referral spammers.
Increased bounce rate and session duration likely affected by referral spammers (likely the same in reality).

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Reviewed above slide
We’re just starting this push for social media, we set up a hoot suite account. I emailed out a content editor, so that we can get content out for people to see and get it back to the website.

Important note: it seems like your google analytics website has been targeted by spammers. In reality, the referral numbers are likely even more decreased.
Important note: it seems like your google analytics website has been targeted by spammers. Most positions between #3 (neurosurgery.org) and #12 (facebook.com) are filled by spammer websites like 99-reasons-for-seo.com which were not on the list before. Apparently, they are aiming to affect your traffic results. Those are artificially created views with 100% bounce rate. There is a way of blocking these for future, but I don’t think you can remove them from current report. I suggest consulting with someone who knows about this like IT or something.
Overall, referral spammers do not appear in top 5 so not as many fake views as compared to these actual page views in a year perspective (mostly happened in the end of 2018).

The above is the popularity of pages

I removed #4 which was a fake visit target with 0 time spent on site (this drives the significant decrease of average time on page and increase of the bounce rate).
Looks like spammers mostly come from Norway (time on website 0 and bounce rate 100%)... I did not include it in the screenshot.

Iraq is a new user while views from Italy and UK have significantly increased.

CS: Please remember we have a hash tag for cv section 2019
WE had a nice start this morning with the WFNS, continuing this afternoon. Later on we have AVM, in addition to trans-arterial & micro surgical.
The Above Slide was reviewed

Above slide is reviewed
The above slide was reviewed
We have two sessions at ISC, listed on the slide.
AANS Meeting, first sessions will be on Monday, the remainder of the above slide was reviewed

Note: There’s no Tuesday session, the second session is going to be on Wednesday. The business meeting will follow the Wednesday session
We’re going to do a few courses on Saturday & Sunday.

The above slide is reviewed
We do need to add that last year CNS ran like a top, everything was done before Christmas. If you’re waiting for your invitation, we’ve given the info for CNS, we are just waiting to hear back from them. Our team has done a great job, but what you’re seeing could change.

BW: This is the first year for the AANS that micro vascular surgery course was not approved for content.
Dr. Schirmer reported for Dr. Baskaya: The winners were Demi Dawkins and Davis Taylor.
CV Section C. Getch Research Award
Dr. David

No report

CV Traveling Fellowships
Dr. Arthur
Dr. Schirmer
This is the second year, we had a few applications only, so one of the biggest asks is to drum up some interests in this. You are recipients of this. The first awards went to Peter Kan and Andrew Carlson. The second rounds will be awarded later. There’s a common thread, they want to learn about bypasses, trials, thanks to Adam for helping to get this going, and get the funding. We also got funding from Microvention and Medtronic.
There’s a dacey medal committee that met and viewed a large number of applications. He’ll be giving his lecture this afternoon.
The above slide was reviewed
C. Schirmer: We keep talking about NREF, but we also track donations to the CNS Foundation, that counts towards EC Member contributions at large.

A. Siddiqui: If you’re really interested in something specific, you can identify it, otherwise funds should donated as unrestricted funds. There’s currently no option for a non-descript option, Karen to bring this up with Cathy to be added. We’re also working on ways to have some clarity so CNS Foundation is clearly seen.

J Mocco: We reviewed and are putting forth a policy that we would like to announce. It’s a short term drive that the section would like to designate quarter million for 1-1 matching funds for honor your mentor efforts. The funds will not kick in until 30K has been raised. You don’t get access to the funds to use them until they hit this amount. It’s a potential to really create a strong foundational component for the CV Section. We’d welcome you all to think really hard about how you want to do this.
No report

No Report

JC TAP/Stroke Center Certification

Matrix and Milestones (Portal)
Dr. Nicholas Bambakidis

No to Report

No Report

CNS Education
Dr. Nicholas Bambakidis

Nothing to Report
CNS Education

Dr. Nicholas Bambakidis

Nothing to Report

CNS Nexus

Dr. Nakaji
P. Nakaji: This isn’t something that’s on your phone, it’s a website, but it’s very easy to find. This is not a comprehensive textbook, you can pop through and get a really nice overview.

A. Siddiqui: Did you ever figure out some kind of acknowledgment?

P. Nakaji: There is a citation guide for IT sites. We are still working through this. Anything that has been used in another CNS publication can be re-used on Nexus. It’s not automatic, we have to put more content around it. It takes about an hour to write up a nexus case. There’s a new online tour, it’s very simple
The above slide was reviewed
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The above slide was reviewed
P. Nakaji: There’s a lot of cases that you’ll never see published. Also, material can be reused.

B. Welch: There’s parallel movements, with the Surgeons Armamentarium, and Nexus

P. Nakaji: Surgeons Armamentarium is like going into a giant warehouse that goes forever. My idea is that no one is going to pull the first 5 content they can find., Armamentarium is more if you’re going to pull 30 cases and go through each and every one. Armamentarium you have to build what you’re looking for. Nexus is extremely curated. Armamentarium is really good if you want to have your first 20 or 30 papers. Nexus is good for the night before a case comes in, you can click right through everything. Nothing on Nexus is designed to take any more than 3 minutes. Our bounce rate is 3%, which is extremely low. We have corporate sponsors helping with this, its completely free, no login, etc.

J. Russin: We put a link on our website to mcase, I don’t know if instead we should put a link to Nexus.

PN: The advantage to this is the search engine. You can put cases on mcase and also on this. Once you submit a case, you can’t take it back. If you want to publish it later, you can.
JACHO withdrew their numbers and participation. We had a meeting, and that is being reconsidered.

ABMS has endorsed cast to be the vehicle to provide focused practice certification by parent boards for neuro-intervention to follow the guidelines.
The above was reviewed

The above slide was reviewed. We were originally having 3-4 meetings a year, now we have a meeting in 30 days. If you are board certified you should take the opportunity to be grandfathered in.
The above slide was reviewed

We are now 12 strong to deal with increased traffic
Most are tabled if they are not board certified.
A. Siddiqui: We have crossed the 200 barrier, which includes 80 neurosurgeons and 50 radiologists. We expect this number to ramp up as the year goes on.

There are issues which have become apparent, proposals are being made and are being considered. If you hear concerns, please reach out to Adam or myself so we can address them. While this is moving forward, it’s by no means set.

How to apply
Senior Society Webpage: www.societyns.org
Click on Subspecialty training & fellowships (CAST) tab
Click on either program or individual certification for Neuroendovascular Surgery

The above slide was reviewed
The hope is to look at outcomes based on outcome database that can collect information from a variety of sources. The above are getting merged, so the hope is that there would be multiple sources of data entry.

The SVIN has committed to joining this group so we have one robust database.
Dr. Schirmer presented

We continue to work towards our issues as outlined above
The neurosurgery blog will have a vascular focus month in May. We graciously accepted several peoples unspoken acceptance to bring a blog to the table. If you get that, please accept and contribute. They are only 600-800 words, so short and easy. We tried to come up with agenda items that really shows what we are doing. We will be in touch in the next few weeks about this. We need them probably by the end of march so we have them ready to be edited and finalized by may.
75894 & 898 codes, there was concern that because we are the only ones still using them, that someone would ask us to bundle them with 61624. We managed to deflect this for another 2 years.
QOD signed an MOU to merge, so we’ll have a single vendor and platform for all CV data. Harbaugh was instrumental in making this happen and gaining support of it. Hopefully this merger will be finalized over the next 6 months, and the hope is the platform becomes the platform for daisy.

A. Siddiqui: If your institutions are not participating in this, it’s not going to work. Our recommendation is that this is not a department expense, but a hospital expense, the mechanisms should be hospital driven. Our hope is by putting this together it should be combined.

B. Welch: how can we make it clearer to our hospitals and systems. There has to be a way to put out a document that there is a merger coming.

J Mocco: It’s not clear yet how this is going to be communicated

A. Siddiqui: Because we have not transitioned into the practical aspect of merging these data sources, we don’t have that step. We’re still in the process of this. We may have to have a standing committee to put something together for this. There’s no dotted line or check for them to do.
No changes, our group is the same

J Mocco: Babu have you heard about the updated AHA

B. Welch: I reviewed that independently, but nothing is final yet.

A. Siddiqui: The MOC know that we have been maintaining a process with this focus practice track. We created questions years ago, and a request was made for more. They expect to roll out the exam as early as March of this year. My understanding is those of us who are Board Certified and CAST approved will get the certificate without taking this additional MOC. I can assure that those of us who are not board certified will all have to take the exam to qualify for focused practice.

AS: The MOC know that we have been maintaining a process with this focus practice track. We created questions years ago, and a request was made for more. They expect to roll out the exam as early as March of this year. My understanding is those of us who are Board Certified and CAST approved will get the certificate without taking this additional MOC. I can assure that those of us who are not board certified will all have to take the exam to qualify for focused practice.
SNIS Update

Board of Directors

Adam Arthur, MD
Richard Klucznik, MD
William Mack, MD
G. Lee Pride, MD
Guilherme Dabus, MD
Michael Chen, MD
James Milburn, MD
Peter Kan, MD
Gabor Toth, MD
Blaise Baxter, MD
Donald Frei, MD
Mahesh Jayaraman, MD
J Mocco, MD
Sandra Narayanan, MD – ex officio
Felipe Albuquerque, MD – ex officio
Sameer Ansari, MD, PhD – ex officio
Cooperative Projects

- **Brain Attack Coalition** – Stroke care issues
- **Cerebrovascular Coalition** – Neurovascular issues
- **ACGME Endovascular Surgical Neuroradiology Fellowship/CAST**
- **Meeting programming**
- **Standards**

We are aligned across multiple fronts.

• Launched in May 2016
• Campaign is focused on organizing stronger stroke systems of care nationwide.
• Goal is to enact legislative change in all 50 states requiring EMS to take ischemic stroke patients with large vessel occlusion to neurointerventional-ready hospitals with 24/7/365 coverage.

This is an intensive effort to approve EMS. It has had some real wins
The SNIS Meeting is at the Fontainebleau in July

Journal is doing great this year. There will be some turnover this year
Societal Converging Goals

- Pay for performance evaluation and issues
- Medicare reductions in payment
- Standards of practice – stroke, carotids, aneurysms
- Defining the appropriate randomized trials
- Coding
- “Comprehensive Stroke Center” designation
- Refining standards of training in Endovascular (CAST)
- Generating resident interest in Neurovascular

SNIS Update Summary

*Healthy membership growth of this multi-disciplinary society*

*Successful annual meetings and continued involvement with CV Section*

The above slide was reviewed
SVIN Update

- Dr. Brian Jankowitz
- Nothing to Report

International Liaison

Dr. Mika Niemela

International liaison – Mika Niemela

-Helsinki 6-month Observership & Research Fellowship for American residents starting July 2020-

-EANS CV section meeting 2019
  - 5 AANS/CNS speakers & 5 moderators
  - exact time and place announced in AANS San Diego

Question Asked: Is the meeting going to be joint?

Answer: The meeting may separate, but it’s not sure yet.
Newsletter went out this morning

The YNS Luncheon was approved, we’ll do that for the second time. I can send an email to make sure that still works best for everyone. Last year was an open vascular presentation.
Resident & Fellow Courses

Dr. Kellner
Dr. Binning
Dr. Arthur
Dr. Mascitelli

Website: CV Courses

Email jmascite@gmail.com with 2019 courses
The course is going well

For any fellows medical students out there, there was a great medical student boot camp at Cornell. We’re going to do a west coast one at USC this year. It should be great, it’s in March.
This year is a little earlier to avoid conflicts with other meetings.
We are expanding to a neurology co-director as well. We also have a European representative.

This year the meeting is up the mountain, not at the base, you have to take the gondola up.
J Mocco: Quick updates. We’re going to launch the NREF Initiative, there’s a lot of active work going on with CAST. We’ve also been having a lot of conversation around what we should do with the annual meeting. We’ve gotten pretty consistent responses that holding our meeting with ISC is challenging. A group of us as officers have had to have sit downs with our sponsors, especially this year, because of location in Hawaii.

We’re in a process of vetting alternative options for the meeting. We’ve looked at going independent, combining with AANS or CNS, or holding the meeting jointly with the SNIS. In an effort to get further clarity, we’re putting together a task force to see what this looks like, with 3 individuals from CV and 3 from SNIS. We want to make sure we’re committed and strong, and have room for growth. Happy to answer any questions.

A. Arthur: The SPC and Annual meeting committee did a great job. Neither Stryker nor Medtronic would agree to sponsor this meeting. The other thing is ISC is really hard to work with. The feedback we get from membership is that it’s more of a pain to try to attend both meetings.

J Mocco: This does not mean we don’t encourage you to participate in ISC, we do encourage this; it’s more about how do we make our meeting stronger.

Question was asked: Would it be a transition to a 2 day meeting?
Answer: SNIS would be a totally different meeting, it’s already 5 days, so we’re still looking at this. Bill Mack is representative from the SNIS Side.

A. Siddiqui: Open CV may be a better audience to educate, it’s a good group to get exposed. The expectation is it would become a larger part.
Question about CAST: I've heard a difference of opinion on whether or not you should submit for CAST before you are board certified and get tabled, or wait?

A. Siddiqui: It is up to you, there's no advantage. The deadline is for completion of fellowship training, needs to be completed by Dec. 1 2020. Also, nothing is set in stone, it's getting influence from a lot of forces. You can submit whenever you want.

Meeting adjourned at 1:46pm HST.