AANS Annual Meeting 2014

Joint CV Section Executive Council Meeting
Sunday April 6th 2014
(3:00-5:00pm) at the San Francisco Marriott Marquis (Golden Gate A)

PLEASE SIGN IN (NAME AND EMAIL)
Meeting Agenda

- MOC Vascular Module (Drs. Bendok and Siddiqui)
- Matrix and Milestones (Dr. Bambakidis)
- Bylaws/Rules & Regulations Committee (Dr. Schirmer)
- CAST/ Training Standards (Drs Hoh, Siddiqui & Woo)
- Brain Attack Coalition (Dr. Huang)

Old Business Updates
- N2QOD (Drs. Connolly & Mocco)
- Resident and fellow courses (Drs Mocco, Veznedaroglu, Arthur)
- 3C meeting (Dr Siddiqui)
- Brain Aneurysm Foundation, BAF/CV Sect C. Getch Research Award (Drs David & Zipfel)

New Business
- Clinical Trials Advisory Committee (Drs Carter, Friedlander, Zipfel)
- Election Results
Approval of Minutes
Dr. Sean D. Lavine
Treasurer’s Report
Dr. Greg Zipfel
<table>
<thead>
<tr>
<th></th>
<th>Current Year 2/28/2014</th>
<th>Prior Year 2/28/2013</th>
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</thead>
<tbody>
<tr>
<td><strong>Assets</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Checking &amp; Short Term Investments</td>
<td>131,898</td>
<td>163,886</td>
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<td>Accounts Receivable, net of Allowa... Uncollectible Accounts</td>
<td>30,215</td>
<td>24,245</td>
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<td>Prepaid Expenses</td>
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<tr>
<td>Long-Term Investment Pool, at Mar...</td>
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<td>Property &amp; Equipment, net of Accum...</td>
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<td>20,380</td>
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<td><strong>Total Assets</strong></td>
<td><strong>936,244</strong></td>
<td><strong>861,966</strong></td>
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<td><strong>Liabilities and Net Assets</strong></td>
<td><strong>54,970</strong></td>
<td><strong>58,042</strong></td>
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<tr>
<td><strong>Liabilities</strong></td>
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<td>Deferred Dues</td>
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<td>58,042</td>
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<td><strong>Total Liabilities</strong></td>
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<td>58,042</td>
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<td><strong>Net Assets</strong></td>
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<td>Unrestricted</td>
<td>661,853</td>
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<td>Unrestricted - Donaghy</td>
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<td>Unrestricted - Galbraith</td>
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<td>Unrestricted - Resident</td>
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<td>(12,805)</td>
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<td>Unrestricted - Leussenhop</td>
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<td>Unrestricted - Drake</td>
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<td>Unrestricted - Yasargil Lectureship</td>
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<td><strong>Net Revenue (Expense)</strong></td>
<td>63,747</td>
<td>50,117</td>
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## AANS/CNS Cerebrovascular Section

**Statement of Activities**

*For the Eight Months Ending Friday, February 28, 2014*

### Revenues

<table>
<thead>
<tr>
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<th>FY '12 Final</th>
<th>FY '13 Final</th>
<th>YTD FY '13</th>
<th>YTD FY '14</th>
<th>FY '14 Budget</th>
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<td>375</td>
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<td><strong>Total Revenue and Support</strong></td>
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<td><strong>474,860</strong></td>
<td><strong>57,669</strong></td>
<td><strong>65,133</strong></td>
<td><strong>399,895</strong></td>
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### Expenses

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<tr>
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<td>Audio Visual</td>
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<td>17,632</td>
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<td>Honoria &amp; Awards</td>
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<td>384,948</td>
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<td><strong>Total Expense</strong></td>
<td><strong>379,284</strong></td>
<td><strong>476,814</strong></td>
<td><strong>59,858</strong></td>
<td><strong>69,525</strong></td>
<td><strong>342,858</strong></td>
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### Investment Earnings

<p>| | | | | | |</p>
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<thead>
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<tr>
<td>Investment Earnings</td>
<td>6,942</td>
<td>65,475</td>
<td>52,306</td>
<td>68,139</td>
<td>28,683</td>
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### Net Excess (Loss)

<p>| | | | | | |</p>
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<tbody>
<tr>
<td>Net Excess (Loss)</td>
<td>23,324</td>
<td>63,720</td>
<td>50,117</td>
<td>63,747</td>
<td>85,720</td>
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</table>
2014 CNS Meeting
Boston, Mass

Drs. Nakaji and Arthur
2015 CV Sect Meeting
Nashville, TN

Drs. Mocco/Nakaji/Mack/
Cockroft/Welch
Standing Committees/
Project updates
Coding and Reimbursement
Rapid Response Committee

Drs Woo and Vates
Reimbursement and Coverage

• Aetna thrombolysis coverage up for renewal on October 10, 2013
  – Aetna did not change their non-coverage policy for mechanical thrombectomy
• Center for Medical Technology Policy
  – Sean Tunnis CEO former Chief Clinical Officer for CMS
  – Coverage with Evidence Development Policy for Carotid Stenting
    • Enlist CVC to weigh in as well
Coding changes

• Medicare Physician Fee Schedule for 2013 published November 16, 2012 and reduced AMA RUC recommended values by ~10%
  – AANS and CNS request to convene a refinement panel was rejected by CMS
  – September 11, 2012 AANS CNS ACC ACR SIR ACC SCAI SNIS SVS submitted a letter requesting clarification for the reduction. CMS has acknowledged receipt but has not answered
• Cervicocerebral code changes in Oct CPT meeting have passed
  – 36228 and can also be coded with 36223 and 36225
  – 36218 and 75774 when imaging the vertebral artery will now be allowed
• Vertebroplasty/Kyphoplasty Bundling
  – Vertebroplasty is now Cat I, Kyphoplasty from T4-L5 is Cat I,
• In addition to 37217 retrograde carotid stent placement, SVS, SIR and ACR submitted a new code proposal for antegrade thoracic carotid or innominate stenting resulting in editorial changes for 37215 - 6
• Code change proposal for mechanical thrombectomy and IA infusion
  – ACR and SIR reviewed and would not support the new thrombolysis and non-thrombolysis infusion codes without the addition of mechanical thrombectomy
  – CCP revised to include intracranial mechanical thrombectomy
  – Presented at Feb 2013 CPT meeting
Joint Guidelines Committee & CV Section Guidelines Committee

Dr. Cockroft
CV Guidelines Committee
AHA/ASA Projects

Management of Cerebral & Cerebellar Infarction With Swelling

• Babu Welch (Lead Reviewer)
• Stavropoula Tjoumakaris
• Chirag Gandhi
• Jared Knopman
• Clemens Schirmer

(Bob Carter was writing group representative)

STATUS: AANS/CNS endorsed. Published January 2014.
AHA/ASA Projects

Women’s Guideline for the Prevention of Stroke
• Gregory Zipfel (Lead Reviewer)
• J Mocco
• Christopher Madden
• Marjorie C. Wang
• Christopher Zacko

(Issam Awad was writing group representative)

AHA/ASA Projects

Guidelines for Prevention of Stroke in Patients with Ischemic Stroke or Transient Ischemic Attack (Secondary Prevention)

• William Mack (Lead Reviewer)
• Alexander A. Khalessi
• Nathaniel Brooks
• Sean Christie
• Jack Jallo
• John Kestle

*(John Wilson is writing group representative)*

AHA/ASA Projects

Palliative and End-of-Life Care in Stroke
• Ketan Bulsara (Primary)
• Justin Fraser
• Roc Chen
• Bill Ashley
• Rabih Tawk

(Greg Zipfel writing group rep)

AHA/ASA Projects

Risk of Cervical Arterial Dissection After Cervical Manipulation Including Chiropractic Manipulative Therapy

• Pascal Jabbour (Primary)
• Bill Mack
• Nick Bambakidis
• Henry Woo
• John Reavey-Cantwell

*(Felipe Albuquerque writing group rep)*

**STATUS:** Endorsement recommended, AANS/CNS endorsement letter sent. Awaiting publication.
AHA/ASA Projects

Guidelines for the Primary Prevention of Stroke

• Kevin Cockroft (Lead Reviewer)
• Steve Casha
• Kathryn Holloway
• Reavey-Cantwell
• Bill Mack
• Krystal Tomei

(John Wilson is writing group representative)

STATUS: Initial review completed. Awaiting writing group response.
Upcoming Guidelines/Statements

Guidelines for Management of Unruptured Intracranial Aneurysms

• Greg Thompson
• Robert Brown
• Joe Broderick
• Kevin Cockroft
• Sander Connolly
• Gary Duckwiler
• Sepi Amin-Hanjani
• Catherine Harris

• Virginia Howard
• Clay Johnston
• Phil Meyers
• Andrew Molyneux
• Chris Ogilvy
• Andy Ringer
• James Torner

STATUS: In progress.
Upcoming Guidelines/Statements

• Scientific Rationale for the Inclusion and Exclusion Criteria for Intravenous Thrombolysis - ANS/CNS writing group representative is Alex Khalessi
   STATUS: In progress.

• Guidelines for the Management of Spontaneous Intracerebral Hemorrhage – AANS/CNS writing group representative is Bernard Bendok
   STATUS: In progress.
CNS Guidelines Committee

• CNS Guidelines Committee is primarily concerned with generating and prioritizing topics for new guidelines and actually writing the guidelines recommendations/chapters.
• CNS invested significantly in an in-house infrastructure with support staff to assist in this process.
• CNS Guidelines Committee leadership (Dr. Steve Kalkanis - Chair, Dr. Brian Hoh & Dr. Sepi Amin-Hanjani – Co-Vice Chairs) requesting CV Section representative to work on CNS guidelines committee.
• Representative will be the CV Section Guidelines Sub-Committee Chair
NCS Guidelines Committee

• Improved collaboration with NCS
• Arun Amar, MD (CV Section) and Mike Huang, MD (Trauma/Critical Care) will be neurosurgery representatives to NCS Guidelines Committee
• Jan Claassen, MD, PhD will be NCS representative to JGC
Thank You to All Committee Members

Sepideh Amin-Hanjani, MD. UIC
William W. Ashley Jr., MD PhD MBA, Loyola
Mark Bain, MD, Cleveland Clinic
Nicholas Bambakidis, MD, Case Western
Ketan Bulsara, MD, Yale University
Roc Chen, MD, University of Texas, Houston
Carlos A. David, MD, Lahey Hospital & Medical Cntr.
Justin F. Fraser, MD, University of Kentucky
Chirag Ghandi, MD, UMDNJ
Nestor Gonzalez, MD, UCLA
Andrew Grande, MD, University of Minnesota
Brian Hoh, MD, University of Flordia
Judy Huang, MD, Johns Hopkins
Pascal Jabbour, MD, Jefferson
Babak Jahromi, MD, University of Rochester

Robert James, MD, East Carolina
Alexander A. Khalessi, MD, UCSD
Shah Naz Kahn, MD, University of New Mexico
Jared Knopman, MD, New York Presbyterian
William J. Mack, MD, USC
J. Mocco, MD, Vanderbilt
Aditya Pandey, MD, University of Michigan
John Reavey-Cantwell, MD, VA Commonwealth Univ.
Clemens M. Schirmer, MD, PhD, Baystate/Tufts
Scott Simon, MD, Penn State University
Rabih G. Tawk, MD, Mayo - Jacksonville
Stavropoula Tjoumakaris, MD, Jefferson
Babu G. Welch, MD, Univ. of Texas, Southwestern
Henry Woo, MD, Stony Brook University
Greg Zipfel, MD, Washington University
National Quality Forum

Dr. Kevin Cockroft
Dr. Alex Khalessi
Choosing Wisely Campaign
CV Related Suggestions

• Don’t perform routine screening for brain aneurysms in asymptomatic patients without a family or personal history of SAH.
• Don’t administer Factor 7 routinely to patients with spontaneous ICH without coagulopathy.
• Don’t use seizure prophylaxis in patients without seizure at presentation following ischemic stroke.
• No delayed or long term antifibrinolytic therapy after aneurysmal SAH.
• No prolonged hyperventilation for the control of elevated ICP.
Intersocietal Accreditation Commission for Carotid Stent Facilities (IACCSF) is now IAC – Carotid Stenting | IACCSF
IAC – Carotid Stenting | IACCSF

- On-line application process
- Application includes: procedure logs with outcome data, descriptions of care processes, neurological assessment info, procedure reports
- Randomly selected procedures are evaluated for clinical appropriateness, image quality, technique, outcome & documentation quality
- Random audits & site visits
Cerebrovascular Coalition/CSC Certif/Abbott CMS Coverage

Drs. Bambakidis, Cockroft, Amin-Hanjani, Wilson
Cerebrovascular Coalition (CVC)

• Coalition members include:
  – · American Academy of Neurology
  – · AANS/CNS Cerebrovascular Section
  – · American Society of Neuroradiology
  – · Society of NeuroInterventional Surgery
  – · Society of Vascular and Interventional Neurology
  (??)
Ongoing Projects

- Response to CSC certification requirements submitted Oct 1 signed by all members
- Revised CSC Requirements released Jan 17th:
  - Supported changes to aneurysmal SAH to 35 annually (from 20); 10 clip and 20 coil minimum (from 15 coil or clip) averaged over 3 years
  - Failed to adopt 10 case annual minimum for IAT (average over 3 years)
  - Loosened requirement that Neurosurgeon on call cannot be on call at any other hospital or for any other hospital service (*only cannot be on call at another hospital*)
CSC Standards

written NS back-up plan

<table>
<thead>
<tr>
<th>1. Physicians</th>
</tr>
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<tbody>
<tr>
<td>- The comprehensive stroke center has the following physicians available 24 hours a day, 7 days a week:</td>
</tr>
<tr>
<td>i. Emergency physicians</td>
</tr>
<tr>
<td>ii. Neurointerventionalists</td>
</tr>
<tr>
<td>iii. Neuroradiologist, or diagnostic radiologist with complex stroke experience</td>
</tr>
<tr>
<td>iv. Neurologist or other physician with experience in evaluation of computed tomography (CT) and magnetic resonance imaging (MRI) of the brain</td>
</tr>
<tr>
<td>v. Neurosurgeons with expertise in cerebrovascular surgery Note: The neurosurgeon cannot be concurrently on-call at any other hospital. If the neurosurgeon is covering another service(s) in the hospital, there is a written plan for the back-up of complex stroke patients.</td>
</tr>
<tr>
<td>vi. Surgeons with expertise in carotid endarterectomy</td>
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</table>
CSC Standards

the on-site time requirements stay for NS and Interventional

- Surgeons, neurosurgeons, and other neurosurgical staff are available on-site within 30 minutes to perform and support the performance of emergent neurosurgical procedures 24 hours a day, 7 days a week.

- In addition to the neurointerventionalist, one or more physicians with cerebrovascular experience are to be available by phone within 30 minutes and available on-site within 45 minutes, 24 hours a day, 7 days a week.

- Physicians with neurocritical care privileges provide on-site, 24-hour care to patients in the dedicated neuro-intensive care beds.

Note 1: Fellows with neurocritical care and cerebrovascular experience are acceptable for meeting this requirement. Additionally, residents with neurocritical care and cerebrovascular experience, as determined and documented by the residency program, are acceptable for meeting this requirement.
Comment on Coverage with Evidence Development Policy for CAS

• Formal request that CMS open National Coverage Decision for CAS to symptomatic patients with FDA-approved indications

• Also propose expanded coverage for a subset of asymptomatic patients, proposed enrollment in a CREST-2 companion registry
• CVC response (sent 12/16):
  - Expanding coverage for symptomatic standard risk 70-99% stenosis for pts <70 yrs
• No expansion for symptomatic stenosis <70%
• No Expansion for asymptomatic stenosis outside of participation in NIH clinical trials (eg CREST-2)
Comment on Coverage with Evidence Development Policy for CAS

• Formal request that CMS open National Coverage Decision for CAS to symptomatic patients with FDA-approved indications

• Also propose expanded coverage for a subset of asymptomatic patients, proposed enrollement in a CREST-2 companion registry

• CV Section has formal response
  – To be discussed at CVC call to attempt to gain consensus
Rapid Response Committee

(Dr. Woo)
Dear CV Section and WSANS Leaders: The Washington State Healthcare Authority has published the draft wording for coverage of carotid artery stenting. It is consistent with what they approved on September 20, 2013. Comments on the wording will be accepted through October 22, 2013. The Committee will vote and finalize the decision at its meeting on November 15, 2013. Below is the link to the draft wording. http://www.hta.hca.wa.gov/documents/cas_draft_findings_decision_100413.pdf MANY thanks to Dr. Kim for presenting at the September 20 meeting, to Dr. Woo for preparing the slides, Dr. Monteith for reviewing the Spectrum technology assessment, and to everyone for all of your help and hard work!

Cathy

Catherine Jeakle Hill
Senior Manager, Regulatory Affairs
American Association of Neurological Surgeons/ Congress of Neurological Surgeons
Washington Office
725 15th Street, NW, Suite 500
Washington, DC 20005
Phone: 202-446-2026
Fax: 202-628-5264
E-mail: Chill@neurosurgery.org
ARUBA Commentary

Dr. Bambakidis
ARUBA Commentary

• Written in response to DSMB decision to halt ARUBA in May, 2013
• Subsequent Editorial written in response to ARUBA publication in Lancet
  – Signed off by CV Section, SNIS, ASNR
  – Further discussion at wed CVC meeting
SNIS Update

Dr. Mack
International Liaison

Dr. Mika Niemela
Mika Niemelä
International Liaison
ESMINT, Sept 4-6, 2014 Nice Joint Meeting

☐ 5 Guest Speakers (Albuquerque, Amin-Hanjani, Friedlander, Lavine, Siddiqui) have been suggested by AANS/CNS CV Section Executive Committee

☐ Discussions ongoing with ESMINT President Christophe Cognard, Chairman of EANS CV Committee Chair Peter Vajkoczy, Robert Friedlander, Sean Lavine and Mika Niemelä of the speakers and topics
Neurocritical Care Society Liaison

Drs. Arun Amar & Claude Hemphill
NeuroCritical Care Society

• Multi-society task force on fellowship training, ICU credentials, etc.

• NCC Society Guidelines
  – Large Hemispheric Infarction
  – Future projects
Brain Attack Coalition

Dr. Judy Huang
Joint Commission Criteria for Comprehensive Stroke Center (CSC) Certification

- Jan 28, 2013 letter
- CV Section, AANS, CNS, ABNS, SNS, SVIN, SNIS, AAN
- Recommendations for SAH care
  1) ≥ 30 procedures for aneurysms (minimum 10 clipping & 20 endovascular)
  2) ≥ 35 patients annually with aSAH
- Acute ischemic stroke – minimum 10 cases
# Membership Update

## Cerebrovascular 2013 Membership Statistics

October, 2013

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<th>Class</th>
<th>Status</th>
<th># of Members</th>
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Membership Update

New Member Applications
11 New Applications Reviewed this year
14 Pending Applications

For vote of approval:

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<th>Name</th>
<th>Status</th>
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<tr>
<td>Seung-Young Chung</td>
<td>Active international</td>
</tr>
<tr>
<td>Volodymyr Solomiichuk</td>
<td>Active international</td>
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<tr>
<td>Jorge Luis Eller</td>
<td>Active</td>
</tr>
<tr>
<td>Andrew Phillip Carlson</td>
<td>Active</td>
</tr>
<tr>
<td>Mark Bain</td>
<td>Active</td>
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<tr>
<td>Michael F. Stiefel</td>
<td>Active</td>
</tr>
</tbody>
</table>
Membership Update

Email Initiative was successful
  2 transitions to lifetime
  6 paid up dues
  6 asked us to stop sending emails

Working with website committee to clarify dues

Working on a Dashboard for membership statistics
  will provide Dashboard in minutes
Fundraising Committee Report

Gregory J. Zipfel, Ray Turner, Mustafa Baskaya
Update

- Fundraising Goals
  - $30,000 – Dempsey Research Award
  - $5,000 – BAF / Christopher C. Getch Research Award
  - $7,500 – DePuy Synthes CMF Resident Research Award

- Fundraising Status
  - $30,000 – Stryker (received)
  - $10,000 – Covidien (received)
  - $20,000 – Penumbra (received)
  - $7,500 – DePuy Synthes CMF (application submitted)

Extra $25,000 to be applied to 2015 Awards
Update

- **Annual fundraising Goals**
  - $30,000 – Dempsey Research Award
  - $5,000 – BAF / Christopher C. Getch Research Award
  - $7,500 – DePuy Synthes CMF Resident Research Award

- **Fundraising Status**
  - $30,000 – Stryker (received in 2013; contacting for 2014)
  - $10,000 – Covidien (received in 2013; contacting for 2014)
  - $20,000 – Penumbra (received in 2013; contacting for 2014)
  - $7,500 – DePuy Synthes (received in 2013; contacting for 2014)
  - $15,000 – Carl Zeiss Meditec (verbal commitment for 2014)
  - $15,000 – Aesculap (verbal commitment for 2014)
Cerebrovascular Research Award Update – 2014

As Chair of the Robert J. Dempsey, MD, Cerebrovascular Research Award, I am pleased to report the Cerebrovascular Section of the American Association of Neurological Surgeons and The Congress of Neurological Surgeons once again awarded two $15,000 Resident Research Awards in Cerebrovascular Disease in 2013-14. There were again outstanding applications, but judged to be winners of this award for 2013-14 are:

Dr. Kristopher Kahle of Harvard Medical School for his study, “A novel mechanism and therapeutic target for intraventricular hemorrhage (IVH)-associated communicating hydrocephalus”, and

Dr. Georgios Zenonos of University of Pittsburgh Medical Center for his study, “Evaluation of Plasma miRNAs as early clinical biomarkers of carotid plaque vulnerability”.

Winners of this award will be acknowledged at the 2015 AANS/CNS Cerebrovascular Section Meeting.

The reviewers for the past year were: Drs. Robert Dempsey, Robert Friedlander, Mustafa Baskaya, Dandan Sun, and G. Edward Yates. We appreciate their help and hope they will be able to continue in the future.

The Joint Section will continue with the responsibility of fundraising to establish ongoing funding. Assuming the funding will again be successful, information and applications for the 2015 award will be sent to program directors, neurosurgery journals, and appropriate websites in October and November, with applications due by March 1, 2015. We look forward to another year promoting resident research.

Sincerely,

Mustafa K. Baskaya, MD
Director of Skull Base Surgery
Associate Professor of Neurological Surgery
Cerebrovascular and Skull Base Surgery
Department of Neurological Surgery
Website Committee Report

Gregory J. Zipfel and Babu Welch

Committee Members

Bill Ashley
Bernard Bendok
Bob Carter
Roc Chen
Amir Dehdashti
Aclan Dogan
Rose Du
Edward Duckworth
Chirag Gandhi

Fernando Gonzalez
Andrew Grande
Rob James
Bill Mack
Aditya Pandey
Clemens Schirmer
Scott Simon
Rabih Tawk
Website Committee Report

Gregory J. Zipfel and Babu Welch
Welcome to CV Section

The purpose of the CV Section is to advance education, research and patient care in the area of cerebrovascular disease. Through our activities and educational programs, we strive to promote awareness among all neurosurgeons of opportunities for clinical practice and research in the area of CV surgery.

The Joint Cerebrovascular Section welcomes all those interested in the treatment and cure of cerebrovascular disease. If you are a patient, physician, or researcher who has been touched by this disease, please consider joining us.

CV Section News

New issue of CV Section News is now available
February 6, 2014
CV Section News Now Available

Dear AANS/CNS Cerebrovascular Section Members:

The new issue of CV Section News is now available at http://www.cvsection.org/newsletter-archive.

Join us at the CV Section Annual Meeting February 10-11, 2014 in San Diego, CA
January 20, 2014

The CV Section Annual Meeting, "Adaptive Ingenuity", is shaping up to be an outstanding event for our members. Join us in San Diego...

Randomized Trial of Unruptured Brain Arteriovenous Malformations (ARUBA) stopped enrollment after interim analysis
May 10, 2013

To AANS/CNS members: May 10, 2013
Thanks to Committee Members

- Bill Ashley
- Bernard Bendok
- Bob Carter
- Roc Chen
- Amir Dehdashti
- Aclan Dogan
- Rose Du
- Edward Duckworth
- Chirag Gandhi
- Fernando Gonzalez
- Andrew Grande
- Rob James
- Bill Mack
- Aditya Pandey
- Clemens Schirmer
- Scott Simon
- Rabih Tawk
- Ajith Thomas
Thanks to Section Editors

- News – Clemens Schirmer
- Patients – Bill Mack
- Membership – Rabih Tawk
- Meetings – Rose Du
- Education – Amir Dehdashti
- Research – Scott Simon
- International – Chirag Gandhi
- About Us – Babu Welch
Next Steps

- E-blast to membership to update bios
- Continuing updates to sections
- Babu Welch – new website committee chair
NREF Update
Gregory J. Zipfel
Background

- NREF has undergone major restructuring with overall goal to greatly expand its presence and role in neurosurgery research and education
- One aspect of this is enhancing alliances with AANS/CNS sections including JCVS
Requests from NREF

- Continue $20,000 annual donation from JCVS
- Add NREF link to JCVS website
- Permit NREF presentation at JCVS EC meetings
- Promote NREF donations among JCVS members
- Work with NREF to fund endovascular fellowships
- Work with NREF to develop vascular outreach to emerging markets (China and India especially)
  - International courses and fellowships (industry funded)
Requests of NREF

- Recognition for $20,000 annual support to NREF
- Develop CV clinical trialist fellowship (industry funded)
CV Section
Education Committee Update

Bernard R. Bendok, MD
Adnan Siddiqui, MD
CV Section Education and MOC Committee

- Phillipe Albuqueurque
- Adam Arthur
- Nicholas Bambakidis
- Bernard Bendok
- Roc Chen
- Kevin Cockroft
- Amir Dashti
- Carlos David
- Ed Duckworth
- Fernando Gonzalez
- Brian Ho
- Pascal Jabbour
- Sepi Hanjani
- Sean Lavine
- James Liu
- Gusepie Lanzino
- Elad Levy
- Joel MacDonald
- Aditya Pandey
- Aman Patel
- Andy Ringer
- James, Robert F
- Adnan Siddiqui
- Rabih Tawk
- Stavropoula I. Tjoumakaris
- Raymond Turner
- Babu Welch
- Ed Vates
- Erol Veznedaroglou
- Greg Zipfel
MOC Initiative

- Projects
  - I. Creation of a Vascular MOC
  - II. AANS MOC Book
  - III. CNS Vascular SANS
Vascular MOC Questions Project
Current Status

- 300 questions
AANS MOC Book

Effort led by Drs Harbaugh and Shaffery
Committee Members:

- AANS – Mitchell Berger, William Couldwell, Robert Harbaugh, Christopher Shaffrey
- SNS Liaison – Nathan Selden
- CV Section – Bernard Bendok, Adnan Siddiqui
- Pain Section – Julie Pilitsis, Jason Schwalb
- Pediatric Section – Gerald Grant, Mark Krieger
- Peripheral Nerve – Michel Kloit, Allan Belzberg
- Spine & PN Section - Joseph Cheng, Michael Groff, Praveen Mummaneni
- Stereotactic & Functional Section – Joseph Niemat, Julie Pilitsis
- Trauma & Critical Care – Daniel Lu, Martina Stippler
- Tumor Section – Christopher McPherson, Andrew Sloan
- Staff Liaisons – Samantha Luebbering and Martha Laura
- MOC Committee Liaison – Thomas Leipzig
MOC Vascular Module

(Drs. Bendok and Siddiqui)
Matrix and Milestones

(Dr. Bambakidis)
Matrix and Milestones

• SNS asked for formation of ad hoc committee from CV Section for development of matrix and milestone specific educational content for use in Portal Project

• NCB (chair), S. Amin-Hanjani, G. Zipfel, P. Nakaji, A. Khalessi, S. Quintero

• MOU recently signed regarding implementation between AANS, CNS, SNS, ABNS
Bylaws/Rules & Regulations Committee

Dr. Schirmer
Bylaws/Rules & Regulations Committee

Dr. Clemens Schirmer

Dr. Stacey Wolfe and Dr. Amir Dehdashti

• Rules and regulations available on the new website for download
CAST/Training Standards

(Dr. Bambakidis)
Brain Attack Coalition

(Dr. Huang)
N2QOD

Drs. Connolly, Mocco, Welch
N2QOD Update

E. Sander Connolly, Babu Welch, Carlos David

Completed to date:

- Alignment of proposed module with N2QOD established structure
- 41 page user manual
- Verification of variable validity
- Build of aligned REDCap Database
N2QOD Update

Submit Manual and CV Module to SC 2/18
Refine According to SC Recs 2/19-23
Initiate Pilot at Semmes Murphy and Vanderbilt 2/24
Weekly Calls with Pilot Centers & Vasc Mod Team 2/24-3/21
Expand Pilot to 6 centers 3/23
Broad Go-Live 4/14
Resident & Fellow Endovascular Courses

Drs Arthur, Mocco and Veznedaroglu
Resident and Fellow Courses

• Introduction to Cerebrovascular Neurosurgery for Junior Residents Practical Clinic.
  • To expose Jr. residents to what it means to be a combined cerebrovascular surgeon
  • Held at AANS meeting
  • Erol Veznedaroglu and J Mocco

• 3D Anatomy for Residents (emphasis on vascular)
  • To review anatomy with emphasis on open cerebrovascular approaches
  • Held in Houston each August
  • Michael Lawton

• AANS Endovascular and Open Cerebrovascular Course for Senior Residents
  • To practice endovascular and open surgical techniques with reperfused cadaver and live models
  • Held at MERI, November 7-9
  • Erol Veznedaroglu, Michael Lawton, Adam Arthur

• ENRG Boot Camp for Beginning Endovascular Fellows
  • To prepare fellows entering fellowship
  • Held at 3C meeting
  • Andy Ringer

• CV Section/SNIS Joint Fellows Courses
  • To expose fellows in training to didactics and new technology
  • Held at CV Section and SNIS Meetings
  • 1 CV Section and 1 SNIS director

• AANS/SNIS/SVIN Endovascular Course for Senior Fellows
  • To practice endovascular techniques with live models
  • Held at MERI, October 4-6
  • Erol Veznedaroglu and Adam Arthur
3C meeting

Dr Adnan Siddiqui
Brain Aneurysm Foundation/C. Getch Research Award

Dr Carlos David & Zipfel
New Business
Clinical Trials Advisory Committee

Drs. Carter, Friedlander, Zipfel
Election Results

Drs. Friedlander & Amin-Hanjani
Election Results

• Chair-Elect: Sean Lavine
• Vice Chair: Kevin Cockroft
• Secretary: J Mocco
• Member-at-Large: Nicholas Bambakidis
• Nominating Committee: Babu Welch
Thank you!