

## Attendees

**Gregory Zipfel, Chair**

**J Mocco, Chair Elect**

**Babu Welch, Vice Chair**

**Clemens Schirmer, Secretary**

**Adnan Siddiqui, Treasurer**

Albuquerque, F	Ellis, J	Huang, J	Levitt, M	Russin, J	Washington, C
Arthur, A	Fox, C	Jankowitz, B	Lin, Li-Mei	Schirmer, C	Webb, S
Bain, M	Gandhi, C	Kellner, C	Mocco, J	Siddiqui, A	Welch, B
Bambakidis, N	Grossberg, J	Khalessi, A	Nakaji, P	Simon, S	Wolfe, S
Bulsara, K	Hoh, Brian	Kim, L	Nimjee, S	Tjoumakaris, S	Woo, H
Carlson, A	Howard, B	Lavine, S	Patel, A	Trost, G	Zipfel, G
Cockroft, K					

### Officer and Guest Updates

Minutes from CV Section AANS Meeting 2017 LA (Dr. Schirmer)

Treasurer's Report (Dr. Siddiqui)

CNS Update (Dr. Rao)

NREF Update (Cathy Powers)

### Annual Meeting Updates

2018 CV Sect/SNIS (Dr. Jankowitz)

2018 AANS Meeting (Drs. Stavropoula, Scott)

2018 ISC (Drs. Huang, Kim, and Ducruet)

2017 CNS Meeting (Drs. Stavropoula, Simon)

### Standing Committee/Project Updates

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

JC Technical Advisory Panel RE: CSC certification (Dr. Bambakidis)

Matrix and Milestones (Dr. Bambakidis)

QOD (Drs. Connolly, Mocco)

CAST/Training Standards (Drs. Siddiqui, Day)  
Washington Committee (Katie Orrico, Dr. Woo)  
Coding & Reimbursement (Drs. Woo, Schirmer)  
Rapid Response Committee (Drs. Woo, Khalessi, Mocco)  
JGC/CV Section Guidelines Committee (Dr. Welch)  
National Quality Forum (Dr. Bulsara, Khalessi)  
SNIS update (Dr. Arthur)  
SVIN Liaison (Dr. Jankowitz)  
International Liaison (Dr. Niemela)  
Neuro-Critical Care Society Update (Drs. Amar, Samuels)  
YNS Liaison (Dr. Howard)  
Brain Attack Coalition (Dr. Huang)  
Membership Update (Dr. Mack)  
NREF Update (Dr. Cockroft)  
Fundraising Committee (Dr. Siddiqui)  
Newsletter Committee (Drs. Ducruet, Fox)  
MOC Vascular Module (Drs. Siddiqui)  
Bylaws/Rules & Regulations Committee (Dr. James)  
Website Committee (Drs. Russin)  
Nominating Committee (Dr. Cockroft)  
Robert J Dempsey, MD Cerebrovascular Resident Research Award (Dr. Baskaya)  
IAC carotid stent facility accreditation (Drs. Cockroft, Patel)

**Old Business Updates**

Resident and fellow courses (Drs. Mocco, Kellner, Binning, Veznedaroglu, Arthur)  
Update on Traveling Fellowships (Drs. Arthur, Schirmer)  
3C meeting (Dr. Siddiqui)  
Brain Aneurysm Foundation, BAF/CV Sect C. Getch Research Award (Dr. David)  
SIR writing group for Stroke outcome guidelines for endovascular therapy (Drs. Lavine, Khalessi)  
AHA Hospital Accreditation Committee (Dr. Hoh)  
Strategic Planning (Dr. Zipfel)

**New Business**

<b>I.</b>	<b>Call to Order</b>  Dr. Cockroft?  <b>Approval of Minutes from CV EC meeting – Los Angeles, CA</b> Dr. Schirmer	<ul style="list-style-type: none"><li>• Dr. Cockroft called the meeting to order at 2:00 PM</li><li>• Minutes were presented from AANS CV EC Meeting 2017 – Los Angeles, CA</li></ul>	<b>Motion to approve minutes was seconded and unanimously approved</b>
<b>II.</b>	<b>Treasurer's Report</b> Dr. Siddiqui		

	<u>Current Year 6/30/2017</u>	<u>Prior Year 6/30/2016</u>
<b>Assets</b>		
Checking & Short Term Investments	186,490	173,822
Accounts Receivable, net of Allowa... Uncollectible Accounts	51,919	74,665
Prepaid Expenses	385	
Long-Term Investment Pool, at Mar...	835,341	775,209
Property & Equipment, net of Accum...	0	7,087
<b>Total Assets</b>	<u><u>1,074,135</u></u>	<u><u>1,030,784</u></u>
<b>Liabilities and Net Assets</b>		
<b>Liabilities</b>		
Accounts Payable and Current Liabi...	6,980	11,000
Deferred Dues	32,734	32,272
<b>Total Liabilities</b>	<u>39,714</u>	<u>43,272</u>
<b>Net Assets</b>		
Unrestricted	800,267	813,842
Unrestricted - Donaghy	60,740	57,367
Unrestricted - Galbraith	31,767	30,433
Unrestricted - Resident	0	(24,380)
Unrestricted - Leussenhop	19,398	19,619
Unrestricted - Drake	10,055	10,099
Unrestricted - Yasargil Lectureship	65,285	63,076
<b>Net Revenue (Expense)</b>	<u>46,910</u>	<u>17,456</u>
<b>Total Net Assets</b>	<u>1,034,421</u>	<u>987,512</u>
<b>Total Liabilities and Net Assets</b>	<u><u>1,074,135</u></u>	<u><u>1,030,784</u></u>

	FY '15 Final	FY '16 Final	FY '17 Final	FY '17 Budget	FY '18 Budget
<b>Revenues</b>					
Membership Dues	56,558	60,160	61,388	58,750	60,200
Contributions/Sponsorships	54,500	32,500	15,000	15,000	30,000
Contributions for Operating Expenses	7,868	9,356	10,005	8,903	9,114
Misc Revenues	0	0	6,000	0	0
Annual Meeting Revenue	365,863	381,135	338,330	350,000	0
<b>Total Revenue and Support</b>	<b>484,789</b>	<b>483,152</b>	<b>430,723</b>	<b>432,653</b>	<b>99,314</b>
<b>Expenses</b>					
Audio Visual	3,914	20,344	8,333	10,000	20,000
Bank Fee	1,159	1,324	1,254	1,200	1,400
Contributions & Affiliations	25,000	35,000	50,000	50,000	50,000
Decorating	301	219	0	500	0
Food & Beverage	13,710	19,585	13,928	16,000	20,000
Honoraria & Awards	44,392	42,717	35,651	45,000	70,000
Office & Other Supplies	205	55	7	100	60
Photocopy	7	0	0	25	0
Postage & Distribution	314	264	229	500	300
Printing/Typesetting	268	9	185	300	500
Website	15,200	14,120	11,822	8,200	4,000
Administrative Assistance	0	8	18,148	15,000	15,000
Telephone	306	95	8	500	100
Volunteer Travel	312	8,868	1,584	2,500	5,000
Tours/Transportation	723	1,410	1,515	0	1,400
Staff Coordination	9,639	10,344	10,391	12,328	9,470
Annual Meeting Expense	315,592	306,335	290,891	320,000	109
<b>Total Expense</b>	<b>431,042</b>	<b>460,697</b>	<b>443,945</b>	<b>482,153</b>	<b>197,339</b>
Investment Earnings	29,402	(4,999)	60,132	0	0
<b>Net Excess (Loss)</b>	<b>83,149</b>	<b>17,456</b>	<b>46,910</b>	<b>(49,500)</b>	<b>(98,025)</b>

**Honoraria & Awards – Budget \$42,000, Actual \$35,651**

<b>Honoraria &amp; Awards:</b>	<b>Amounts:</b>
Synthes	\$1,000
Drake Lecture Award	\$500
Galbraith Award	\$500
CV Dempsey Award Travel	\$1,120
CV Dempsey Awards (2 Awards)	\$30,000
CV Section Abstract Award	\$1,000
Cost to produce the Awards Certificates	\$1,531

**Website – Budget \$8,200, Actual \$11,822**

The cost of depreciation on the website was \$7,087, \$500 for export tool, and \$4,235 for the website maintenance.

**Administrative Assistance – Budget \$15,000, Actual \$18,148**

The \$15,000 was Angela set administrative cost and \$3,148 was Angela's travel expense.

**Volunteer Travel – Budget \$2,500, Actual \$1,584**

CV speaker travel reimbursement for Jovin Tudor and Aquilla Turk.

**Tours/Transportation – Budget \$0, Actual \$1,515**

CV Dinner Transportation at the CNS Annual Meeting in fall 2016 and the AANS Annual Meeting in the spring 2017.

**Staff Coordination: Budget \$12,328, Actual \$10,391**

Financial Management \$4,885  
 Membership Management \$5,120  
 Development Management \$386

**III.**

**Balance Sheet**

**Account Receivable: Actual \$51,919**

Contributions/Sponsorships	Amounts:	Date Paid:
CV Annual Meeting FY17 (Still waiting on payment)	\$48,024	

The remaining balance of the Account Receivable are the dues and dues allowance.

**Account Payable and Current Liabilities – Actual \$6,980**

Christopher Getch – Brain Aneurysm (FY17- payment was sent in August)	\$5,000
CV Section website maintenance from Vivid Sites (FY17- payment was sent in August)	\$1,980

**General and Administrative**

**Revenues**

**Contributions/Sponsorships – Budget \$15,000, Actual \$15,000**

Below is the list of sponsors that sent us the money for FY17.

Sponsors	Awards/Fellowship Name	Amounts	Date Received
Toshiba Medical Center	Robert J. Dempsey	\$15,000	1/16/17

**Contributions for Operating Expenses: Budget \$8,903, Actual \$10,005**

Financial Management \$4,885  
 Membership Management \$5,120

**Misc Revenues: Budget \$0, Actual \$6,000**

The money was set aside to pay DePuy Synthes, Yarsargil, and Donaghy lecture in FY16. We didn't pay the awardees because they were AANS members.

**Expenses**

**Audio Visual – Budget \$10,000, Actual \$8,333**

The \$8,333 consisted of Audio Visual related expenses at the CNS Annual Meeting in the fall of 2016 and the AANS Annual Meeting in the spring 2017.

**Bank Fee: Budget \$1,200, Actual \$1,254**

To have credit card processing, there is a 3.5% (Average) charge for all gross revenues.

**Contributions and Affiliations Budget: \$50,000, Actual \$50,000**

Contributions/Sponsorships	Amounts:
Education Grant for NINDS/CNS Getch Scholar Award through CNS Foundation	\$15,000
Washington Committee	\$10,000
Christopher Getch – Brain Aneurysm (Money set aside in the Balance Sheet)	\$5,000
NREF	\$20,000

**Food & Beverage – Budget \$16,000, Actual \$13,928**

The CV Section food and beverages at the CNS Annual Meeting in the fall of 2016 and the AANS Annual Meeting in the spring 2017.

**CAST/Training Standards**  
 Drs. Siddiqui,  
 Hoh, Riina, Day,  
 Giannotta

**I. NESAC Membership**

Neurosurgery JSCVS - Joint Section, Cerebrovascular Surgery (AANS/CNS)

Name	Institution	Term Start	Term End
Brian Hoh, MD**	University of Florida-Gainesville	2015	2020
Adnan Siddiqui, MD	SUNY Buffalo	2015	2019
Howard Riina, MD	New York University	2015	2018

Neurology SVIN – Society of Vascular and Interventional Neurology

Name	Institution	Term Start	Term End
Tudor Jovin, MD**	University of Pittsburgh	2015	2020
Sam Zaidat, MD	Medical College of Wisconsin	2015	2019
Italo Linfante, MD	Miami, FL	2015	2018

Radiology SNIS – Society of Neurointerventional Surgery

Name	Institution	Term Start	Term End
Philip Meyers, MD**	Columbia University	2015	2020
Colin Derdeyn, MD	Washington University at St. Louis	2015	2019
Aquilla Turk, MD	Medical University of South Carolina	2015	2018

Neurosurgery JSCVS - Joint Section, Cerebrovascular Surgery (AANS/CNS)

Name	Institution	Term Start	Term End
<b>Howard Riina MD</b>	<b>New York University</b>	<b>2015</b>	<b>2018</b>

Neurology SVIN – Society of Vascular and Interventional Neurology

Name	Institution	Term Start	Term End
<b>Italo Linfante, MD</b>	<b>Miami, FL</b>	<b>2015</b>	<b>2018</b>

Radiology SNIS – Society of Neurointerventional Surgery

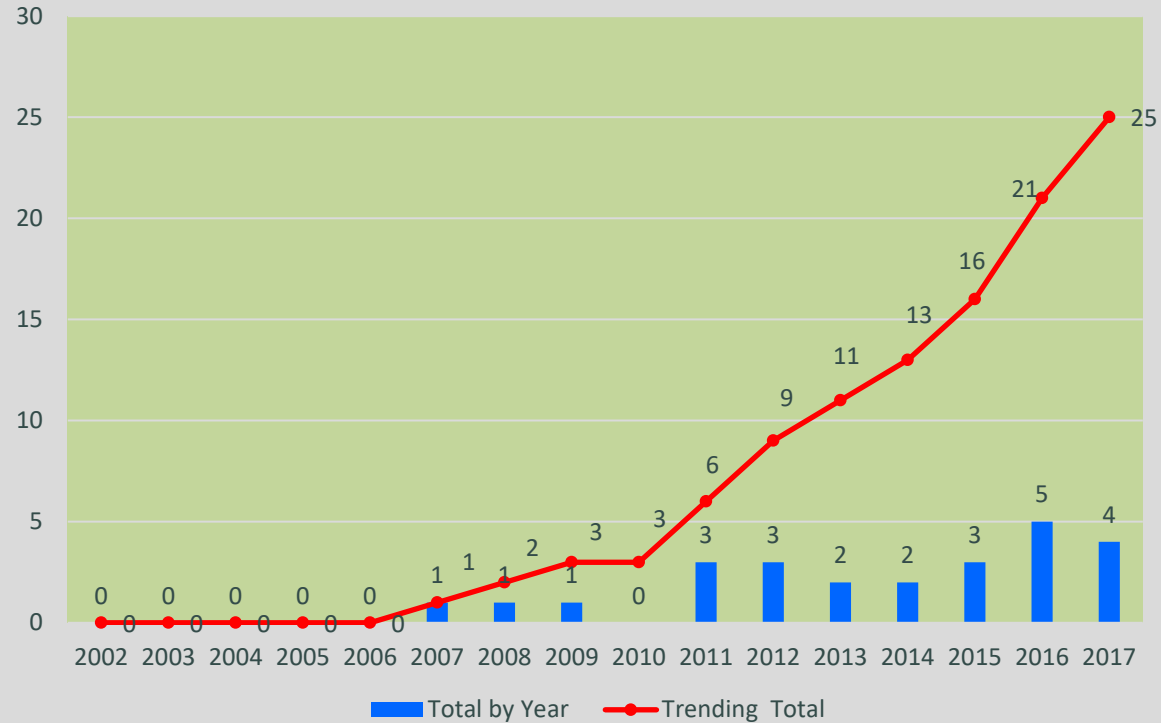
Name	Institution	Term Start	Term End
<b>Aquilla Turk, MD</b>	<b>Medical University of South Carolina</b>	<b>2015</b>	<b>2018</b>



**\*\* denotes signing member of NESAC formation document, finalized Jan 2015**

**V. CAST Program Accreditations**

Approved - Neuroendovascular Surgery (NES)



**CAST Individual Certifications**

NeuroEndovascular Surgery (NES)

(as of 1 April 2017)

Certificates:	Approved	Pending CAST Approval at AANS	Totals
a. Neurosurgeons	47	5	(52)
b. Neurologists	19	7	(26)
c. Radiologists	18	17	(35)
<b>TOTAL</b>	<b>84</b>	<b>29**</b>	<b>(113)**</b>

\*\*after CAST approval at April AANS meeting

		<p><b>How to apply</b></p> <ul style="list-style-type: none"><li>■ Senior Society Webpage: <a href="http://www.societyyns.org">www.societyyns.org</a></li><li>■ Click on Subspecialty training &amp; fellowships (CAST) tab</li><li>■ Click on either program or individual certification for Neuroendovascular Surgery</li></ul>	
	<p><b>Fundraising Committee Report</b></p> <p>Dr. Siddiqui, Chair</p>	<p><b>Fund Raising Goals</b></p> <ul style="list-style-type: none"><li>■ Create a culture of philanthropy within the CV Section</li><li>■ Report during EC meetings on annual giving to the Section based on reports prepared by the NREF, Neurosurgery PAC, and CNS Foundation</li><li>■ Encourage 100% participation by Section Officers</li><li>■ Encourage 100% participation by EC members</li><li>■ Encourage participation by Section members</li></ul> <p><b>Current Awards</b></p> <ul style="list-style-type: none"><li>■ Meeting reports that show all the CV contributions, donations, and individual giving to either NREF Research CV, Education CV, Outcome CV, and the CV Fellowship Travel. Starting 2018</li></ul> <p><b>Current Awards</b></p> <ul style="list-style-type: none"><li>■ Drake lecture \$1000</li><li>■ Galbraith award \$1000</li><li>■ Yasargil Lecture \$1000</li><li>■ Donaghy Lecture \$1000</li><li>■ Lussenhop Lecture \$1000</li><li>■ Hopkins Lecture \$1000</li><li>■ CV Research lecture (yet to be named) \$1000</li></ul> <p><b>Current Awards</b></p> <ul style="list-style-type: none"><li>■ At each meeting CV Annual, AANS and CNS give out one each</li><li>■ Resident Research \$500</li><li>■ Resident Clinical \$500</li><li>■ Dempsey Research Awards (2) \$15,000</li></ul> <p><b>Fundraising Report:</b></p>	



THE NEUROSURGERY RESEARCH  
 AND EDUCATION FOUNDATION  
 Summary of CV Funds  
 6/30/2017

	FY14	FY15	FY16	FY17
Summary of CV Funds				
Charles Drake Fund		17,500.	19,884.	22,266.
CV Traveling Fellowship				53,390.
CV Research Lectureship				
Research CV			64,386.	99,677.
Outcome CV				
Education CV				
<b>Total of CV Funds</b>	<b>0.</b>	<b>17,500.</b>	<b>84,270.</b>	<b>175,333.</b>

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
<b>Charles Drake Fund</b> - This fund was established in Dec. 2014. Monies in the Charles Drake HYM Fund are earmarked for CV Outcome project through NeuroPoint Alliance (NPA).						
H. Hurt Batjer, MD, FAANS	2015	Charles Drake HYM Fund	\$2,500.00	\$2,500.00		
Robert E. Harbaugh, MD, FAANS			\$2,500.00	\$2,500.00		
Gary K. Steinberg, MD, PhD, FAANS			\$2,500.00	\$2,500.00		
AANS/CNS Cerebrovascular Section	2016	Charles Drake HYM Fund	\$10,000.00	\$10,000.00		
H. Hurt Batjer, MD, FAANS			\$2,500.00	\$2,500.00		
Interest Earned FY16						(\$116.00)
Gary K. Steinberg, MD, PhD, FAANS	2017	Charles Drake HYM Fund	\$1,000.00	\$1,000.00		
Interest Earned FY17						\$1,382.00
<b>Charles Drake Total:</b>			<b>\$21,000.00</b>	<b>\$21,000.00</b>	<b>\$1,266.00</b>	<b>\$22,266.00</b>
<b>CV Traveling Fellowship</b> - For this fund, the NREF has a signed contract and payment from Medtronic. Confirmation pending from MicroVent.						
MicroVent, Inc.	2017	CV Traveling Fellowship	\$50,000.00	\$0.00		
Medtronic Neurovascular			\$50,000.00	\$50,000.00		
Interest Earned FY17						\$3,390.00
<b>CV Traveling Fellowship Total:</b>			<b>\$100,000.00</b>	<b>\$50,000.00</b>	<b>\$3,390.00</b>	<b>\$53,390.00</b>
<b>Education-CV</b>						
		Education-CV	\$0.00	\$0.00		
<b>Education-CV Total:</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Outcome-CV</b>						
		Outcomes-CV	\$0.00	\$0.00		
<b>Outcome-CV Total:</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
<b>Research-CV</b> - Monies donated "in memory of Kate Carney" are earmarked for an NREF Research Grant in AVM. Donations from Dr. Arvind Ahuja's \$1,000,000 pledge (2016-2020) are for an NREF Research Grant named for Nick Hopkins with match from CV section. \$25,000 in Unrestricted Research-CV funds for FY 2016 were used with a match to provide a \$40,000 research grant. Interest earned is for all donations to "Research-CV" cumulatively.						
Interest Earned FY16					(\$199.00)	
Interest Earned FY17					\$7,971.00	\$7,772.00
Arvind Ahuja, MD, FAANS	2016	Research-CV (Unrestricted)	\$25,000.00	\$25,000.00		
Kevin M. Cockroft, MD, FAANS	2017	Research-CV (Unrestricted)	\$1,000.00	\$1,000.00		
<b>Research-CV (Unrestricted) Total:</b>			<b>\$26,000.00</b>	<b>\$26,000.00</b>	<b>\$0.00</b>	<b>\$26,000.00</b>
Arvind Ahuja, MD, FAANS	2016	Research-CV (N. Hopkins grant)	\$20,000.00	\$20,000.00		
Arvind Ahuja, MD, FAANS	2017	Research-CV (N. Hopkins grant)	\$20,000.00	\$20,000.00		
<b>Research-CV (Nick Hopkins grant) Total:</b>			<b>\$40,000.00</b>	<b>\$40,000.00</b>	<b>\$0.00</b>	<b>\$40,000.00</b>

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
Lilteen McBride	2016	Research-CV (K. Carney/AVM)	\$10.00	\$10.00		
Nancy Bondy		Research-CV (K. Carney/AVM)	\$15.00	\$15.00		
Amber and Brian Willis		Research-CV (K. Carney/AVM)	\$20.00	\$20.00		
Sharon Zimmer		Research-CV (K. Carney/AVM)	\$20.00	\$20.00		
Alison Beachdel		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Audra Costello		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Heather Daina		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
M.T. Hatchell		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Anne Henning		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Carolyn Hodges		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Marc Hower		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Nicole Motowijw		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Dan McKenzie		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Micheline Mizinger		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Mathew Oliver		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Kathleen Pullen		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Sandra Quaine		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
David Stonehill		Research-CV (K. Carney/AVM)	\$25.00	\$25.00		
Carolyn F. Farmer		Research-CV (K. Carney/AVM)	\$35.00	\$35.00		
Angela Gassner		Research-CV (K. Carney/AVM)	\$40.00	\$40.00		
Karen Hill	Research-CV (K. Carney/AVM)	\$40.00	\$40.00			
Michelle Marvoian	Research-CV (K. Carney/AVM)	\$40.00	\$40.00			
Amanda Schmale	Research-CV (K. Carney/AVM)	\$40.00	\$40.00			
J.M. Wilkins	Research-CV (K. Carney/AVM)	\$40.00	\$40.00			
Anthony Asimou	Research-CV (K. Carney/AVM)	\$50.00	\$50.00			
Lois Baru	Research-CV (K. Carney/AVM)	\$50.00	\$50.00			

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
Sarah Flowers	2016	Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Akthea Brinkerhoff		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Pam Bugg		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Came B. Cabelka		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Denise Canic		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
James C. Clyburn		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Louis Colombo		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Margoo Deba		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Jeanine Delay		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Jessica Dessoffy		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Isa elony		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Janel Erml		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Melanie Fredrickson		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Stephanie Gekelka		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Suzanne Hollner		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Liza Holder		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Stacey Hutton		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Joyce Kane		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Kathleen Kasiborski		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Niko Kitchen		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Anna Lavery		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Bonnie Lindberg		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Marilyn K. Lipnik		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Mike McDonald		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Michael Mumford		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Trudy A. Paulsen		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		
Liz Reddy		Research-CV (K. Carney/AVM)	\$50.00	\$50.00		

CV Section EC Meeting  
 October 8, 2017  
 Boston, MA

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
Trudy Salmon	2016	Research-CV (K. Comey/AVM)	\$50.00	\$50.00		
Brian Smith		Research-CV (K. Comey/AVM)	\$50.00	\$50.00		
Dolores Thornton		Research-CV (K. Comey/AVM)	\$50.00	\$50.00		
Peter Van Luwen		Research-CV (K. Comey/AVM)	\$50.00	\$50.00		
Molly Ward		Research-CV (K. Comey/AVM)	\$50.00	\$50.00		
Richard Hamberger		Research-CV (K. Comey/AVM)	\$75.00	\$75.00		
Linda French		Research-CV (K. Comey/AVM)	\$75.00	\$75.00		
Margie Hackett		Research-CV (K. Comey/AVM)	\$75.00	\$75.00		
Albert Thomas Adams		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Brian Bash		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Melissa Botke		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Jack Blanton		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Marsha Bookman		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Gary Bryenton		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Ann Comey Pomper		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Diane P. Chapman		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Mary Anne Coughlin		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Amy Cunningham		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Eleanore Dawson		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Lauren Dominico		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Jon Fancher		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Mark T. Freeman		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
John Gharlein		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Virginia Going		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Barry Goldstein		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Melissa Heavey		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Michelle Hervey	Research-CV (K. Comey/AVM)	\$100.00	\$100.00			

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
Joseph Hutchinson, Jr	2016	Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Paul Karlsgrudt		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Amy Kellogg		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Kate Leslie		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Patrick Long		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Abigail Marshall		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Joseph Masington		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Wade Mitchell		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Maria Owens		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Holly Pangrace		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Stephen Petras		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Stephan Schlegelmilch		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Paula F. Steger		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Brian D. Sindelar, MD		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Karen Swanson Haan		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Sam Tath		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
Rocky River Girls Soccer		Research-CV (K. Comey/AVM)	\$100.00	\$100.00		
JoAnn Post		Research-CV (K. Comey/AVM)	\$110.00	\$110.00		
Paul Brunswick		Research-CV (K. Comey/AVM)	\$150.00	\$150.00		
Ann Bridget McGillicuddy		Research-CV (K. Comey/AVM)	\$150.00	\$150.00		
Susan Blouch		Research-CV (K. Comey/AVM)	\$200.00	\$200.00		
William Buhr		Research-CV (K. Comey/AVM)	\$200.00	\$200.00		
Cynthia Casey		Research-CV (K. Comey/AVM)	\$200.00	\$200.00		
Nancy Janz Clark		Research-CV (K. Comey/AVM)	\$200.00	\$200.00		
Matthew Goldman		Research-CV (K. Comey/AVM)	\$200.00	\$200.00		
Judith Smith		Research-CV (K. Comey/AVM)	\$200.00	\$200.00		
Ann Comey Pomper	Research-CV (K. Comey/AVM)	\$250.00	\$250.00			


Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
Robert Cunningham	2016	Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Elizabeth Dawson		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
J. Angeline Fisher		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Mathew Graban		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
R. Steven Kestner		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Mary Lucchesi		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Mary Lucchesi		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
John D. Parker		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Edward G. Piaszek, Jr.		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Howell Shaw, Jr.		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
James Slater		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Brian Spaly		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
Bob Comey		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
William F. Chandler, MD, FAANS(L)		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Jim Doan		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Martha Hardy		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Denise Hich		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
James Liles		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Allison Prince		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Margaret Spaly		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Steven Trowen		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
David Zodikoff		Research-CV (K. Comey/AVM)	\$500.00	\$500.00		
Anonymous Anonymous		Research-CV (K. Comey/AVM)	\$550.00	\$550.00		
Tom Comey		Research-CV (K. Comey/AVM)	\$1,000.00	\$1,000.00		
Bill Nygren Foundation	Research-CV (K. Comey/AVM)	\$1,000.00	\$1,000.00			
Baker & Hosteller LLP	Research-CV (K. Comey/AVM)	\$1,000.00	\$1,000.00			

Display Name	Fiscal Year	Fund	Pledge	Donation Received	Interest Earned	Grand Total
Joseph R. Linzey, BS	2017	Research-CV (K. Comey/AVM)	\$20.00	\$20.00		
Joyce Kane		Research-CV (K. Comey/AVM)	\$50.00	\$50.00		
Rocky River City School District		Research-CV (K. Comey/AVM)	\$250.00	\$250.00		
River Run For A Cause		Research-CV (K. Comey/AVM)	\$6,000.00	\$6,000.00		
<b>Research-CV (K. Comey/AVM) Total:</b>			<b>\$25,905.00</b>	<b>\$25,905.00</b>	<b>\$0.00</b>	<b>\$25,905.00</b>

<b>IV.</b>	<b>MOC Vascular Module</b> Dr. Siddiqui	<ul style="list-style-type: none"> <li>Nothing to Report</li> </ul>
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<p><b>V.</b></p>	<p><b>CNS Update</b> Dr. Rao</p>	
<p><b>VI.</b></p>	<p><b>NREF</b> Cathy Powers</p>	
<p><b>2018 CV Section/SNIS</b> <b>Los Angeles, CA</b> Dr. Jankowitz</p>		 <p>The poster features a stylized brain with glowing blue and red neural pathways. The text on the poster reads: "Save the Date. AANS/CNS Joint Cerebrovascular Section ANNUAL MEETING Programming in conjunction with SNIS JANUARY 22-23, 2018 Millennium Biltmore Hotel Los Angeles, California".</p>
<p><b>2018 AANS Meeting</b> Drs. Stavropoula, Scott</p>		<p><b>2018 AANS Meeting (Simon, Tjoumakaris)</b></p> <ul style="list-style-type: none"> <li>■ Tuesday May 1, 2:00-5:30       <ul style="list-style-type: none"> <li><input type="checkbox"/> Moderators: Simon, Tjoumakaris</li> <li><input type="checkbox"/> Donaghy Lecture: Anil Nanda</li> <li><input type="checkbox"/> Abstracts</li> <li><input type="checkbox"/> Point/Counter Point: Asymptomatic Carotid disease           <ul style="list-style-type: none"> <li>■ Harbaugh, Hopkins, Thomas Brott (CREST2 PI)</li> </ul> </li> <li><input type="checkbox"/> 5 PM business meeting</li> </ul> </li> <li>■ Yasargil Lecture: Jacque Marcos</li> <li>■ How Randomized Trials Almost Killed Thrombectomy for Acute Stroke</li> </ul>

		<ul style="list-style-type: none"> <li>■ Further events still being planned...</li> <li>■ Tuesday May 1, 2:00-5:30           <ul style="list-style-type: none"> <li><input type="checkbox"/> Moderators: Schirmer, James</li> <li><input type="checkbox"/> Abstracts</li> <li><input type="checkbox"/> Yasargil Lecture: Jacque Marcos</li> <li><input type="checkbox"/> How Randomized Trials Almost Killed Thrombectomy for Acute Stroke</li> <li><input type="checkbox"/> Late breaking abstracts</li> <li><input type="checkbox"/> Rapid fire abstracts</li> </ul> </li> </ul>	
	<p><b>2018 ISC Meeting</b>  <b>Los Angeles, CA</b>          Drs. Huang, Kim, Ducruet</p>	<p>Verbal Report</p>	
<p><b>VII.</b></p>	<p><b>2017 CNS Meeting</b>          Drs. Stavropoula, Simon</p>	<p><b>2017 CNS Meeting (Simon, Tjoumakaris, Washington, Welch, Bain)</b></p> <ul style="list-style-type: none"> <li>■ Saturday October, 7           <ul style="list-style-type: none"> <li><input type="checkbox"/> <a href="#">Advanced Cerebrovascular Surgery: 2D and 3D Operative Video-based Surgical and Anatomical Pearls</a> <ul style="list-style-type: none"> <li>■ Directors / Moderator: Peter Nakaji</li> <li>■ Faculty: Arthur L. Day, Daniel L. Barrow, Michael T. Lawton, Nicholas C. Bambakidis, Giovanni Broggi</li> </ul> </li> <li><input type="checkbox"/> <a href="#">Thrombectomy Tips and Tricks</a> <ul style="list-style-type: none"> <li>■ Directors / Moderator: David M. Hasan</li> <li>■ Faculty: Ketan R. Bulsara, Aaron S. Dumont, Brian Lim Hoh, Michelle Janine Smith, Scott Douglas Simon</li> </ul> </li> <li><input type="checkbox"/> <a href="#">New Devices and Technology in Cerebrovascular Neurosurgery (includes Aneurysm treatment, ICH, Stroke)</a> <ul style="list-style-type: none"> <li>■ Directors / Moderator: Pascal Jabbour</li> <li>■ Faculty: Brian T. Jankowitz, Mark Douglas Bain, Adam J. Polifka, Henry Woo</li> </ul> </li> <li><input type="checkbox"/> <a href="#">Complications in Cerebrovascular Neurosurgery</a> <ul style="list-style-type: none"> <li>■ Directors / Moderator: Stavropoula I. Tjoumakaris</li> <li>■ Faculty: Robert H. Rosenwasser, Christopher S. Ogilvy, Ketan R. Bulsara, Sean D. Lavine, Mohammad A. Aziz-Sultan</li> </ul> </li> </ul> </li> <li>■ Sunday October, 8           <ul style="list-style-type: none"> <li><input type="checkbox"/> Neurovascular Update: Evidence-based Guidelines in Ischemic and Hemorrhagic Stroke for the Practicing Neurosurgeon               <ul style="list-style-type: none"> <li>■ Directors / Moderator: Peter Kan, Adnan Hussain Siddiqui</li> </ul> </li> </ul> </li> <li>■ Monday October, 9           <ul style="list-style-type: none"> <li><input type="checkbox"/> Guidelines on Neurovascular Update               <ul style="list-style-type: none"> <li>■ MODERATOR: Kevin M. Cockroft</li> <li>■ SPEAKERS: E. Sander Connolly, J D. Mocco, Stacey Q. Wolfe</li> </ul> </li> <li><input type="checkbox"/> Lunch               <ul style="list-style-type: none"> <li>■ Seven Aneurysms                   <ul style="list-style-type: none"> <li>■ Directors / Moderator: Michael T. Lawton</li> <li>■ Faculty: Daniel L. Barrow, Giovanni Broggi, Basant Kumar Misra, Ali F. Krisht, Rohen R. Harrichandparsad</li> </ul> </li> </ul> </li> </ul> </li> </ul>	
























- Hematology and Coagulation for Neurosurgeons
  - Directors / Moderator: Judy Huang
  - Faculty: David M. Hasan, Alan S. Hoffer, Robert F. James, Shahid Mehdi Nimjee
- Monday October, 9
  - Section on Cerebrovascular Surgery
    - MODERATORS: Randy S. Bell, Ajith J. Thomas
    - Drake Lecture: Dan Barrow
  - Case-based Discussion Session—Aneurysms
    - MODERATOR: Stavropoula I. Tjoumakaris
    - FACULTY: Felipe Albuquerque, H. Hunt Batjer, Robert H. Rosenwasser, Robert A. Solomon
- Tuesday October, 10
  - Lunch: Dural AV Fistula Diagnosis and Management
    - MODERATOR: Bernard R. Bendok
    - FACULTY: Rose Du, Andrew F. Ducruet, Louis J. Kim, Andrew J. Ringer
  - Section on Cerebrovascular Surgery
    - MODERATORS: Amir R. Dehdashti, Chad Washington, Babu G. Welch SPEAKER: Basant K. Misra
    - Hopkins Lecture: L. Nelson Hopkins
  - Case-based Discussion Session—AVMs/Dural Arteriovenous Fistulas
    - MODERATOR: Scott D. Simon FACULTY: L. Dade Lunsford, Cameron G. McDougall, Gary K. Steinberg

**2018 AANS Meeting (Simon, Tjoumakaris)**

- Tuesday May 1, 2:00-5:30
  - Moderators: Simon, Tjoumakaris
  - Donaghy Lecture: Anil Nanda
  - Abstracts
  - Point/Counter Point: Asymptomatic Carotid disease
    - Harbaugh, Hopkins, Thomas Brott (CREST2 PI)
  - 5 PM business meeting
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  - Abstracts
  - Yasargil Lecture: Jacque Marcos
  - How Randomized Trials Almost Killed Thrombectomy for Acute Stroke
  - Late breaking abstracts
  - Rapid fire abstracts

	<p><b>AHA Hospital Accreditation</b>  Dr. Hoh</p>	<p>Nothing to Report</p>	
	<p><b>Cerebrovascular Coalition/CSC Certification/JC TAP</b>  Drs. Bambakidis, Cockroft, Amin-Hanjani</p>	<p><b>CVC Notes</b> Call 7-2017</p> <ul style="list-style-type: none"> <li>• Projects: CAP view strategies seeking CVC endorsement of “White Paper” (asking CMS to revise payment methods for MT and ischemic stroke)             <ul style="list-style-type: none"> <li>✘ circulated to CVC reps; SNIS endorsed</li> </ul> </li> <li>• CSC Editorial submitted to Stroke for publication and awaiting editorial comments             <ul style="list-style-type: none"> <li>✘ Published Stroke. 2017;48:2901-2904.</li> <li>✘ Macra project for CV disorders (Josh Hirsh)</li> </ul> </li> </ul> <p><b>Joint Commission TAP call update</b></p> <ul style="list-style-type: none"> <li>• 4<sup>th</sup> Call on October 20</li> <li>• JC planning implementation of a “tiered” system TBD, for centers which could be capable of AIS intervention without necessarily meeting all requirements for CSC certification             <ul style="list-style-type: none"> <li>✘ “Thrombectomy-capable Stroke Center” designation</li> <li>✘ Considered criteria for care, minimum volumes, need for CSC partner for transfer of SAH patients, etc</li> </ul> </li> <li>• JC approached to consider CVC as participant of JC TAP process</li> <li>• TSC requirements             <ul style="list-style-type: none"> <li>✘ meet minimum volume requirements (eg if 1 interventionist, then minimum of 12 MT last 12 months, or 24 in last 24 months; etc)</li> <li>✘ demonstrate ability to perform MT 24/7</li> <li>✘ maintain dedicated ICU beds for acute stroke patients</li> <li>✘ be closely aligned with a CSC (unclear)</li> <li>✘ collect and review data regarding adverse patient outcomes following MT</li> <li>✘ collect data for 13 performance measures</li> </ul> </li> <li>• May begin applying December 1, 2018 (PSCs recertified between Oct 1, 2017 and March 31, 2018 can apply for immediate transition)</li> </ul>	
	<p><b>Matrix and Milestones</b>  Dr. Bambakidis</p>	<p><b>Matrix and Milestones</b></p> <ul style="list-style-type: none"> <li>• Alpha test version of Portal is being demo’d by small group of PDs for feedback</li> <li>• Launched at SNS meeting in May</li> <li>• Content development for CV materials:             <ul style="list-style-type: none"> <li>✘ Led by Charlie Prestigiacomo</li> <li>✘ Compiled a list of over 170 articles mapped to milestone elements</li> <li>✘ Loaded onto Portal for use with direct links</li> <li>✘ Future work will involve use of Book Chapters, educational products from AANS/CNS</li> </ul> </li> </ul>	

	<p><b>QOD</b></p> <p>Drs. Connolly, Mocco</p>	<p>Ongoing effort to combine data sets with NVQI Meetings this week to finalize FDA pursuing DAISI to create a unified registry for stroke technology approval</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="430 365 1102 901" style="background-color: #1a4a8e; color: white; padding: 20px; text-align: center;"> <p><b>DISCUSSION PAPER:                  COORDINATED REGISTRY NETWORK FOR DEVICES USED FOR ACUTE ISCHEMIC STROKE INTERVENTION (DAISI)</b></p> <p>FDA/CDRH Stroke Registry Network Working Group</p> </div> <div data-bbox="1123 365 1354 901" style="background-color: #1a4a8e; color: white; padding: 20px; text-align: center;"> <p><i>Discussion Paper:                  Coordinated Registry Network for Devices Used for Acute Ischemic Stroke Intervention (DAISI)</i></p> </div> </div>
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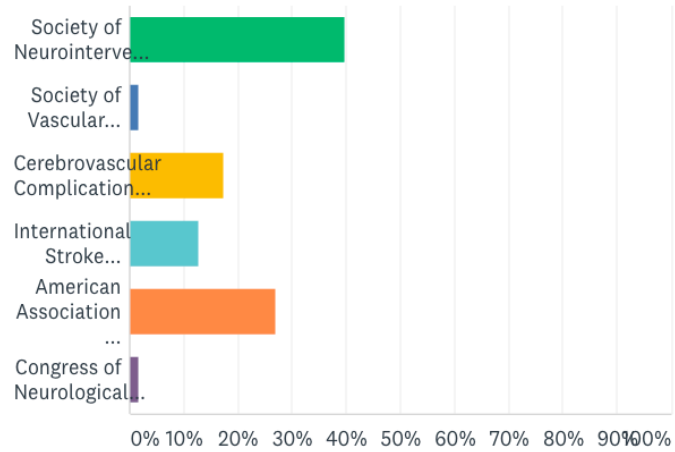
	<p><b>Washington Committee</b></p> <p>Katie Orrico, Dr. Woo</p>	<table border="1"> <thead> <tr> <th style="background-color: #003366; color: white;">AGENDA ITEM</th> <th style="background-color: #003366; color: white;">STATUS</th> </tr> </thead> <tbody> <tr> <td>Improve the Health Care Delivery System</td> <td> <ul style="list-style-type: none"> <li>American Health Care Act (H.R. 1628) passed the House on 5/5/17 </li> </ul> </td> </tr> <tr> <td>Support Quality Resident Training and Education</td> <td> <ul style="list-style-type: none"> <li>Resident Physician Shortage Reduction Act (S. 1003), introduced in the Senate, has 4 cosponsors </li> <li>Resident Physician Shortage Reduction Act (H.R. 2267), introduced in the House, has 43 cosponsors</li> </ul> </td> </tr> <tr> <td>Abolish the Independent Payment Advisory Board (IPAB)</td> <td> <ul style="list-style-type: none"> <li>Protecting Seniors' Access to Medicare Act (S. 260) and Protecting Medicare from Executive Action Act (S. 251), introduced in the Senate, have a combined 50 cosponsors </li> <li>Protecting Seniors' Access to Medicare Act (H.R. 1049), introduced in the House, has 264 cosponsors</li> </ul> </td> </tr> <tr> <td>Alleviate the Medical Liability Crisis</td> <td> <ul style="list-style-type: none"> <li>Sports Medicine Licensure Clarity Act (H.R. 302) passed the House on 1/9/17</li> <li>Protecting Access to Care Act (H.R. 1215) passed the House on 6/28/17</li> <li>Health Care Safety Net Enhancement Act (S. 522), introduced in the Senate, has 3 cosponsors </li> <li>Health Care Safety Net Enhancement Act (H.R. 548), introduced in the House, has 44 cosponsors</li> <li>Saving Lives, Saving Costs Act (H.R. 3565), introduced in the House, has 33 cosponsors</li> <li>Good Samaritan Health Professionals Act (S. 783), introduced in the Senate, has 3 cosponsors</li> <li>Good Samaritan Health Professionals Act (H.R. 1076), introduced in the House, has 32 cosponsors</li> </ul> </td> </tr> <tr> <td>Continue Progress 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Continue Progress with Medical Innovations	<ul style="list-style-type: none"> <li>Increased repeal of the medical device tax included in American Health Care Act (H.R. 1628) passed the House on 5/5/17 </li> <li>Medical Device Access and Innovation Protection Act (S. 100), introduced in the Senate, has 15 cosponsors</li> <li>Protect Medical Innovation Act (H.R. 104), introduced in the House, has 257 cosponsors</li> </ul>																	
Reduce Medicare Quality Improvement Programs	<ul style="list-style-type: none"> <li>2018 MACRA Quality Payment Program [Proposed Rule] provides greater flexibility, reduces complexity and minimizes potential penalties </li> <li>2018 Medicare Physician Fee Schedule [Proposed Rule] reduces PQRS reporting burden and minimizes penalties</li> </ul>																	
Champion Fair Reimbursement	<ul style="list-style-type: none"> <li>Despite efforts to delay its implementation, as of July 2017, CME is moving forward with its global surgery data collection project, requiring neurosurgeons in Fla., Ky., La., Nev., N.J., N.D., Ohio, Ore. and R.I. to report data on past operations during the 10- and 90-day global period of certain procedures using CPT code 99024 </li> </ul>																	

		<p>Tom Price has resigned.          Protecting Access to Medicate (PAMA) – Appropriate Use Criteria for imaging studies          Global Surgery Update –</p> <ul style="list-style-type: none"> <li>● Prong One - Beginning on July 1, 2017, neurosurgeons in Florida, Kentucky, Louisiana, Nevada, New Jersey, North Dakota, Ohio, Oregon, and Rhode Island are required to report information on post-operative visits furnished during the 10- and 90-day global period of certain specified procedures using CPT code 99024. These procedures include those that are reported annually by more than 100 practitioners and that are either reported more than 10,000 times annually or have more than \$10 million in annual allowed charges. Neurosurgeons who practice in practices with fewer than 10 practitioners (including physicians and qualified non-physician practitioners) are exempted from required reporting.</li> <li>● Prong Two – CMS to survey practioners stratified by specialty. Under 10,000 surveys to be sent in mid 2017. RAND has asked for input from AANS and CNS on the surveys and Clemens Schirmer was selected to provide this input.</li> <li>● Prong Three – CMS to gain information from ACOs</li> </ul> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>■ 22513 Perq vertebral augmentation</li> <li>■ 22514 Perq vertebral augmentation</li> <li>■ 22551 Neck spine fuse&amp;remov bel c2</li> <li>■ 22558 Lumbar spine fusion</li> <li>■ 22600 Neck spine fusion</li> <li>■ 22612 Lumbar spine fusion</li> <li>■ 22630 Lumbar spine fusion</li> <li>■ 22633 Lumbar spine fusion combined</li> <li>■ 22830 Exploration of spinal fusion</li> <li>■ 35301 Rechanneling of artery</li> <li>■ 61312 Open skull for drainage</li> <li>■ 61510 Removal of brain lesion</li> <li>■ 62264 Epidural lysis on single day</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>■ 63030 Low back disk surgery</li> <li>■ 63042 Laminotomy single lumbar</li> <li>■ 63045 Remove spine lamina 1 crvl</li> <li>■ 63047 Remove spine lamina 1 lmr</li> <li>■ 63056 Decompress spinal cord lmr</li> <li>■ 63081 Remove vert body dcmprn crvl</li> <li>■ 63650 Implant neuroelectrodes</li> <li>■ 63685 Insrt/redo spine n generator</li> <li>■ 64555 Implant neuroelectrodes</li> <li>■ 64561 Implant neuroelectrodes</li> <li>■ 64581 Implant neuroelectrodes</li> <li>■ 64718 Revise ulnar nerve at elbow</li> <li>■ 64721 Carpal tunnel surgery</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>■ 22513 Perq vertebral augmentation</li> <li>■ 22514 Perq vertebral augmentation</li> <li>■ 22551 Neck spine fuse&amp;remov bel c2</li> <li>■ 22558 Lumbar spine fusion</li> <li>■ 22600 Neck spine fusion</li> <li>■ 22612 Lumbar spine fusion</li> <li>■ 22630 Lumbar spine fusion</li> <li>■ 22633 Lumbar spine fusion combined</li> <li>■ 22830 Exploration of spinal fusion</li> <li>■ 35301 Rechanneling of artery</li> <li>■ 61312 Open skull for drainage</li> <li>■ 61510 Removal of brain lesion</li> <li>■ 62264 Epidural lysis on single day</li> </ul>	<ul style="list-style-type: none"> <li>■ 63030 Low back disk surgery</li> <li>■ 63042 Laminotomy single lumbar</li> <li>■ 63045 Remove spine lamina 1 crvl</li> <li>■ 63047 Remove spine lamina 1 lmr</li> <li>■ 63056 Decompress spinal cord lmr</li> <li>■ 63081 Remove vert body dcmprn crvl</li> <li>■ 63650 Implant neuroelectrodes</li> <li>■ 63685 Insrt/redo spine n generator</li> <li>■ 64555 Implant neuroelectrodes</li> <li>■ 64561 Implant neuroelectrodes</li> <li>■ 64581 Implant neuroelectrodes</li> <li>■ 64718 Revise ulnar nerve at elbow</li> <li>■ 64721 Carpal tunnel surgery</li> </ul>
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<p><b>Coding and Reimbursement</b></p> <p>Dr. Woo</p>		<p>Coding and Reimbursement Committee          MFPS July – 1% decrease in neurosurgery; Conversion factor \$35.99          Skull base codes – AAOS-HNS contacted AANS CNS to develop new codes for skull base that could be used by all societies. Draft survey has been created by AAOS-HNS and sent to the Tumor Section          Bundled payment for stroke – Acumen LLC: Clemens Schirmer          Sept 2017 CPT meeting a CCP was submitted by SIR, STS, SVS, ACR to revise Appendix L</p> <ul style="list-style-type: none"> <li>■ 61630, 61635, 61641 and 42 – Intracranial athero angioplasty and stenting, additional vessels for angioplasty in the setting of vasospasm. Vascular “family” now changed to vascular territory</li> </ul>		

	<p><b>Rapid Response Committee</b></p> <p>Dr. Woo</p>	<p>Nothing to Report</p>						
	<p><b>Joint Guidelines Committee &amp; CV Section Guidelines Committee</b></p> <p>Dr. Welch</p>	<p><b>JGC/CV Section Guidelines Committee</b>        (Babu G. Welch, Chair)</p> <ul style="list-style-type: none"> <li>■ Kimon Bekelis (2019)</li> <li>■ Grahame Gould (2019)</li> <li>■ Ketan Bulsara (2019)</li> <li>■ Aman Patel (2018)</li> <li>■ Stavropoula Tjoumakaris (2018)</li> <li>■ Chad Washington (2018)</li> <li>■ Stacy Quintero-Wolf (2017)</li> <li>■ John Reavey-Cantwell (2017)</li> </ul> <p>Guidelines Reviewed</p> <ul style="list-style-type: none"> <li>• AHA/ASA Scientific Statement on the Management of Brain Arteriovenous Malformations (May 2017) - endorsed</li> <li>• Multisociety Consensus Quality Improvement for Intra-arterial Catheter-directed Treatment of Acute Ischemic Stroke - endorsed</li> <li>• AHA/ASA Guidelines for the Management of Patients with Acute Ischemic Stroke (Sept 2017) – endorsement pending</li> </ul>						
	<p><b>Membership Survey</b></p> <p>Drs. Welch, Howington, Patrick Han</p>	<p><b>Membership Survey</b>        (Babu G. Welch, Jay Howington, Patrick Han)</p> <ul style="list-style-type: none"> <li>■ Focuses on North America</li> <li>■ Could focus on work environment and private practice more</li> <li>■ Too endovascular</li> <li>■ Moderate interest in physician extender support</li> </ul> <div data-bbox="577 1182 1465 1539" style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>Do you feel that the CV Section represents you and your current practice?</p> <p>Answered: 64 Skipped: 0</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>YES</td> <td>80%</td> </tr> <tr> <td>NO</td> <td>20%</td> </tr> </tbody> </table> </div>	Response	Percentage	YES	80%	NO	20%
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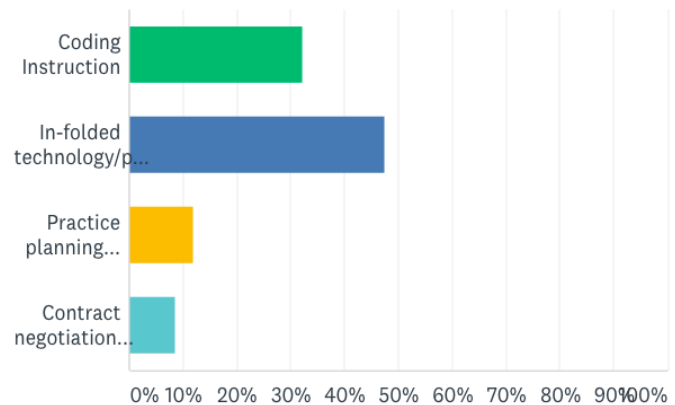
Our Section has historically paired with other cerebrovascular themed societies and meetings to facilitate attendance. Which meeting pairing would make you more likely to attend the CV Section Annual Meeting?

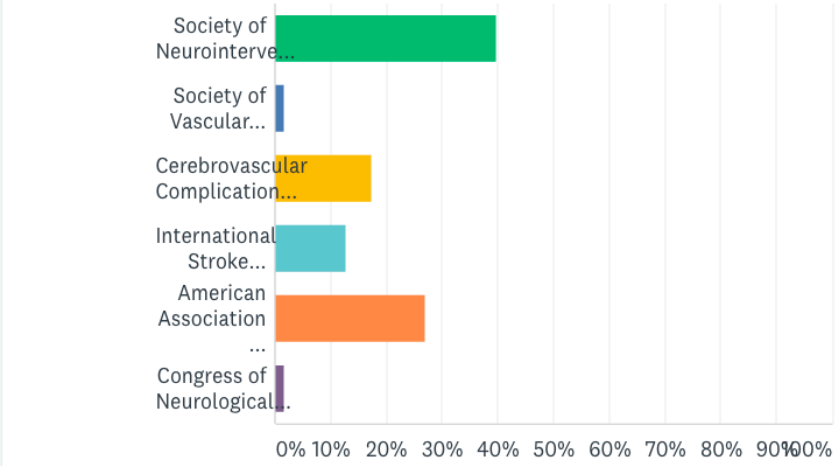
Answered: 63 Skipped: 1



Please rank (in order of importance to you) the meeting content additions that would most encourage your attendance of the Annual Meeting of the CV Section?

Answered: 59 Skipped: 5



		<p>Our Section has historically paired with other cerebrovascular themed societies and meetings to facilitate attendance. Which meeting pairing would make you more likely to attend the CV Section Annual Meeting?</p> <p>Answered: 63 Skipped: 1</p>  <table border="1"> <thead> <tr> <th>Meeting Pairing</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Society of Neurointervention</td> <td>~40%</td> </tr> <tr> <td>Society of Vascular Medicine</td> <td>~2%</td> </tr> <tr> <td>Cerebrovascular Complications</td> <td>~18%</td> </tr> <tr> <td>International Stroke</td> <td>~12%</td> </tr> <tr> <td>American Association of Neurological Surgeons</td> <td>~28%</td> </tr> <tr> <td>Congress of Neurological Surgeons</td> <td>~2%</td> </tr> </tbody> </table>	Meeting Pairing	Percentage	Society of Neurointervention	~40%	Society of Vascular Medicine	~2%	Cerebrovascular Complications	~18%	International Stroke	~12%	American Association of Neurological Surgeons	~28%	Congress of Neurological Surgeons	~2%	
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	<p><b>National Quality Forum</b></p> <p>Drs. Bulsara, Khalessi</p>	<p>Nothing to Report</p>															





**SNIS 15<sup>th</sup> Annual Meeting**  
**July 23-26, 2018**  
**San Francisco, CA**



## Publications - Journal Update

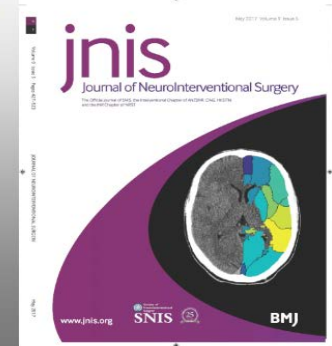
*Initial publication July 2009  
 as a quarterly journal*

*Indexed in Thomson-Reuters  
 2010*

*2016 Impact factor 3.551 (over  
 20% increase from 2015)*

*Pub Med / Medline indexing  
 September 2011*

*Editor-in-Chief as of January 1,  
 2017 – Felipe C.  
 Albuquerque, MD*



## 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*

**SVIN Liaison**  
  
 Dr. Jankowitz

- SVIN Update**
- Annual Meeting
  - Collaboration
  - New leadership

		<p><b>Annual Meeting</b></p>  <p><b>Future collaboration</b></p> <ul style="list-style-type: none"> <li>■ 2018 meeting tentatively planned for Hawaii</li> <li>■ Scientific Content Coordinator Ameer Hassan (Harlingen, TX)</li> <li>■ Neurosurgeon to coordinate a scientific session</li> </ul> <p><b>New SVIN President</b></p>  <ul style="list-style-type: none"> <li>■ Italo Linfante (Miami, FL)</li> </ul>	
	<p><b>International Liaison</b></p> <p>Dr. Niemela</p>	<p>Nothing to Report</p>	
	<p><b>Neurocritical Care Society Liaison</b></p> <p>Drs. Amar, Samuels</p>	<p><b>NeuroCritical Care Society Guidelines Committee</b></p> <ul style="list-style-type: none"> <li>■ No new projects initiated since AANS meeting</li> <li>■ Targeted Temperature Management             <ul style="list-style-type: none"> <li><input type="checkbox"/> Timeline: To be presented at <i>Neuro Critical Care Society</i> this month</li> <li><input type="checkbox"/> Seeking endorsement of SCCM</li> </ul> </li> <li>■ Quality Metrics “white paper” in NCC             <ul style="list-style-type: none"> <li><input type="checkbox"/> Timeline: completion spring/summer 2018</li> </ul> </li> <li>■ Considering upcoming topics: status epilepticus, updated SAH guidelines, GRADE focused TBI guideline</li> </ul>	

	<b>YNS Liaison</b>  Dr. Howard	Verbal Report																																													
	<b>Brain Attack Coalition</b>  Dr. Judy Huang	Brain Attack Coalition Meeting 9/15/17 <ul style="list-style-type: none"> <li>■ BAC Stroke Center Guidelines Update             <ul style="list-style-type: none"> <li><input type="checkbox"/> Includes DAWN</li> <li><input type="checkbox"/> All organizations have approved for submission except for AHA                 <ul style="list-style-type: none"> <li>■ Reason for extensive review is new category of PSC-E</li> </ul> </li> <li><input type="checkbox"/> Plan for Stroke e-submission</li> </ul> </li> <li>■ TSC – new disease certification program launched by AHA and Joint Commission             <ul style="list-style-type: none"> <li><input type="checkbox"/> Potential conflict of interest</li> <li><input type="checkbox"/> Arbitrary volumes</li> <li><input type="checkbox"/> BAC letter with multi-society endorsement recommends awaiting BAC Stroke Center Guidelines Update and use of EBM</li> </ul> </li> </ul>																																													
	<b>Membership Update</b>  Dr. Mack	<b>CV Section Membership Fall 2017</b> <table border="0" style="width: 100%;"> <tr> <td>Adjunct</td> <td style="text-align: center;">40</td> <td style="text-align: right;">\$100</td> </tr> <tr> <td>Active</td> <td style="text-align: center;">389</td> <td style="text-align: right;">\$150</td> </tr> <tr> <td>Lifetime</td> <td style="text-align: center;">108</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>International</td> <td style="text-align: center;">65</td> <td style="text-align: right;">\$50</td> </tr> <tr> <td>Medical Student</td> <td style="text-align: center;">20</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Resident/ Fellow</td> <td style="text-align: center;">1676</td> <td style="text-align: right;">\$0</td> </tr> </table> <p><b>Membership Dues</b></p> <p><b>CV Section Dues Notice</b></p> <p>1<sup>st</sup> Notice: Dec 20, 2016, email</p> <p>2<sup>nd</sup> Notice: Feb 28, 2017, US mail, intl email</p> <p>3<sup>rd</sup> Notice: 5/22/17</p> <p>4<sup>th</sup> Notice: 7/7/17</p>	Adjunct	40	\$100	Active	389	\$150	Lifetime	108	\$0	International	65	\$50	Medical Student	20	\$0	Resident/ Fellow	1676	\$0	<b>CV Section: New Members</b> <table border="0" style="width: 100%;"> <tr> <td>Matthew Fusco</td> <td>Blazej Nowak</td> </tr> <tr> <td>Patrick Han</td> <td>Emeka Evaritus Nwaribe</td> </tr> <tr> <td>Erwin Mangubat</td> <td>Felix Orellana Cortes</td> </tr> <tr> <td>Abhishek Ray</td> <td>Mohana Rao Patibandia</td> </tr> <tr> <td>Richard Williamson Jr.</td> <td>Nana Tchantchaleischvili</td> </tr> <tr> <td>Nathan Zwageman</td> <td>Samer Alameri</td> </tr> <tr> <td>Jessica Campos</td> <td></td> </tr> <tr> <td>Jaime Lopez Calle</td> <td></td> </tr> <tr> <td>Gayrat Eshkuvatov</td> <td></td> </tr> <tr> <td>Felix Goehre</td> <td></td> </tr> <tr> <td>Luis Felipe Checa Hurtado</td> <td></td> </tr> <tr> <td>Gopal Raman Sharma</td> <td></td> </tr> <tr> <td>Alvan Ukachukwu</td> <td></td> </tr> </table>	Matthew Fusco	Blazej Nowak	Patrick Han	Emeka Evaritus Nwaribe	Erwin Mangubat	Felix Orellana Cortes	Abhishek Ray	Mohana Rao Patibandia	Richard Williamson Jr.	Nana Tchantchaleischvili	Nathan Zwageman	Samer Alameri	Jessica Campos		Jaime Lopez Calle		Gayrat Eshkuvatov		Felix Goehre		Luis Felipe Checa Hurtado		Gopal Raman Sharma		Alvan Ukachukwu	
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	<p><b>NREF Update</b></p> <p>Dr. Cockroft</p>	<p>NREF</p> <ul style="list-style-type: none"> <li>■ Establish a culture of giving within the CV Section.</li> <li>■ Consider a donation to NREF earmarked for CV Section-related projects.</li> <li>■ Current designations include Research, Education and Outcomes.</li> <li>■ <a href="https://www.nref.org/Donate.aspx/">https://www.nref.org/Donate.aspx/</a></li> <li>■ L. Nelson “Nick” Hopkins NREF Young Clinician Investigator Award jointly sponsored by Arvind Ahuja and the CV Section.</li> <li>■ Kate Carney Memorial AVM Research Award</li> <li>■ Traveling Fellowship Award</li> </ul>
	<p><b>Newsletter Committee</b></p> <p>Drs. Ducruet, Fox</p>	<p>Nothing to Report</p>
	<p><b>Bylaws/Rules &amp; Regulations Committee</b></p> <p>Dr. Robert F. James (Chair)          Dr. Stacey Wolfe          Dr. Alex Spiotta</p>	<p><b>Rules and regulation update</b></p> <ul style="list-style-type: none"> <li>■ Current language not necessarily in concordance with some of the slates in previous elections.             <ul style="list-style-type: none"> <li>□ “.. December 15 of the year preceding election. The Chair of the nominating committee shall submit, in writing, the proposed candidates for office and their statements of candidacy to the general membership for consideration. The slate of officers may consist of one candidate per post with the exception of candidates for Members-at-Large and Nominating Committee candidates.”</li> </ul> </li> <li>■ Tasked by Strategic planning committee to clarify this</li> </ul> <p><b>Proposed change</b></p> <p style="text-align: center;"><b>Section 11</b></p> <p style="text-align: center;">Elections for Officers, Members-at-Large and Nominating Committee Members.</p> <p>...</p> <p>4) December 15 of the year preceding election. Qualified candidates for each office are confirmed. Following discussion and voting by the Nominating Committee, the Chair of the nominating committee shall submit, in writing, the proposed candidates for office and their statements of candidacy to the general membership for consideration. The slate of officers must consist of at least one candidate per post but consideration should be given to offer the membership more than one candidate for the position of Secretary or Treasurer and multiple candidates for Member-at-Large and Nominating Committee positions if more than one qualified candidate is available.</p> <p style="text-align: center;">would change to (changes in red)</p> <p>4) December 15 of the year preceding election. Qualified candidates for each office are confirmed. Following discussion and voting by the Nominating Committee, the Chair of the nominating committee shall submit, in writing, the proposed candidates for office and their statements of candidacy to the general membership for consideration. The slate of officers <u>must</u> consist of <u>at least</u> one candidate per post <u>but consideration should be given to offer the membership more than one candidate for the position of Secretary or Treasurer and multiple</u> candidates for Member-at-Large and Nominating Committee <u>positions if more than one qualified candidate is available.</u></p>

## Article XIII – Amendments to Cerebrovascular Section Rules and Regulations

### ARTICLE XIII

#### Amendments

**The Rules and Regulations of this Section shall take effect immediately from their adoption and shall not be amended except by written resolution signed by at least ten Members and circulated to the Membership at least 40 days prior to the annual meeting, which is held in conjunction with the annual meeting of the AANS or the CNS or prior to an electronic vote in order to allow for discussion. Any amendment shall require affirmation by three-quarters majority vote.**

■ Considerations:

- 1. Goal of amendment final approval prior to December 15, 2017 (nominating committee deadline to submit slate of candidates)
- 2. Mechanisms for Amending:
  - Requires a written resolution signed by 10 members with one of two approval mechanisms
    - 1. Membership Vote at an annual meeting (held in conjunction with AANS or CNS)
    - 2. Electronic Vote of Membership
  - Written resolution requires dissemination to membership at least 40 days prior to the vote
  - Requires affirmation by  $\frac{3}{4}$  majority vote

#### Quorum Requirements for Section Business and Membership Votes

### ARTICLE XIV

#### Quorum

**The Membership present at any annual business meeting shall constitute a quorum for the conduction of business.**

- Does not specifically define quorum for electronic vote.
- Quorum is defined by however many members are present at any annual business meeting. So there is no strict minimum requirement for a quorum.
- Since electronic vote is allowed by Article XIII, using the spirit of this Quorum clause, an electronic vote quorum would be met by those members which actually complete the voting form / mechanism / survey. So the requirement in Article XIII for a  $\frac{3}{4}$  majority vote would be  $\frac{3}{4}$  affirmative vote of the completed / submitted electronic voting forms to carry the resolution to approval. (not  $\frac{3}{4}$  affirmative vote of entire membership)

#### Course of Action

- Written Resolution for amendment to Rules and Regulations is provided here at this executive committee meeting. Members attending this meeting may sign this resolution.
- Assuming 10 signatures obtained:
  1. Resolution with signatures will be scanned to electronic PDF form
  2. Resolution will be dispersed to entire CV section membership by email using current membership email list by October 20, 2017.
  3. Email will explain purpose of resolution
  4. Email will provide a link to vote on resolution via an online survey (example: Survey Monkey). Voting will be allowed through December 1, 2017. A follow-up email will be sent one week prior to December 1, deadline. Results will be Immediately available to Chair of Nominating Committee (Prior to Nominating Committee Deadline of December 15)

5. If  $\frac{3}{4}$  of submitted online surveys vote affirming the resolution for amendment, then the resolution will carry and be approved and will be considered in immediate effect.
6. New version of Rules and Regulations document (bylaws) reflecting the amendment changes will be created and disseminated electronically to members of executive council and will be posted on the CV Section website for download by all members.
7. Approved Resolution including signatures with information on final vote tally will be posted to CV Section website.
8. No minimum # of surveys submitted will be required (no specific quorum); we do not need  $\frac{3}{4}$  of current total membership to vote affirmative, we only need  $\frac{3}{4}$  of those who actually vote to vote affirmative.

**Proposal for future Rules and Regulations Committee Work**

1. Clarify Language of Article XIII regarding amendment process. Currently confusing with regard to electronic voting.
2. Add Language to Article XIV regarding the definition of a Quorum to include business performed by electronic voting that does not occur during a national meeting.
3. Clean up Rules and Regulation document with regard to current grammatical / punctuation errors
4. Identify any additional language of Rules and Regulations that may require clarification, or are out of date.

**Website Committee Report**

Dr. Russin

**Website Update**

- News – Christoph Greissenauer, Ning Lin, Clemens Schirmer
- Patients – Peter Kan
- Members – Rabih Tawk
- Meetings – Rose Du
- Education – Amir R. Dehdashti
- Research – Scott Simon
- International – Chirag Gandhi

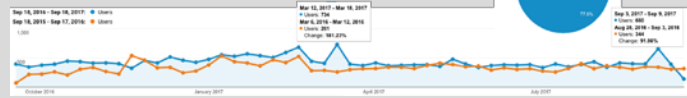
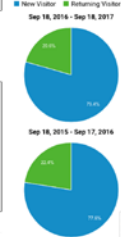
**Year Over Year Traffic & Quality of Traffic**

Sep 18, 2016 - Sep 18, 2017  
 Compare to: Sep 18, 2015 - Sep 17, 2016

**New Visits (Users), Pageviews and Returning Visitors Increased YOY**

Users  
**30.30%**  
 20,489 vs 15,725

Pageviews  
**16.73%**  
 44,023 vs 37,712



**Year Over Year Traffic & Quality of Traffic**

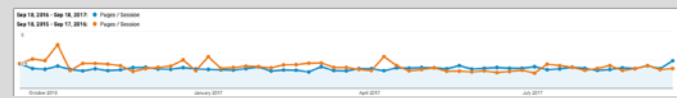
Sep 18, 2016 - Sep 18, 2017  
 Compare to: Sep 18, 2015 - Sep 17, 2016

**Pages per Session, Avg. Session Duration and Bounce Rate Decreased YOY**

Pages / Session  
**-8.47%**  
 1.72 vs 1.88

Avg. Session Duration  
**-7.11%**  
 00:01:08 vs 00:01:13

Bounce Rate  
**2.73%**  
 75.05% vs 73.05%



### Top Channels Driving Visits

Organic search drives 75% of visits increasing 56% YOY.



Acquisition	Sessions		Behavior	
	% New Sessions	New Users	Source Rate	Pages / Session
1 Organic Search	27.54%	2,46%	30.60%	2.73%
2 Direct	59.73%		9.93%	6.47%
3 Referral	91.62%		9.70%	7.11%
4 Social	63.51%		20.13%	
5 Email	3,442.85%		17.29%	

### Referral Traffic

- Referral traffic is down 18% YOY.
  - Due to reduction of referrals from SPAM sites including
    - website-analytics.online
    - site-auditor.online

Visits from Top referral sites:

1. neurosurgery.org	Sep 18, 2016 - Sep 18, 2017	387 (0.47%)
Sep 18, 2015 - Sep 17, 2016	587 (1.19%)	
% Change	-34.07%	
4. aams.org	Sep 18, 2016 - Sep 18, 2017	178 (0.46%)
Sep 18, 2015 - Sep 17, 2016	388 (7.44%)	
% Change	-54.12%	
5. medical.theconferencewebsite.com	Sep 18, 2016 - Sep 18, 2017	156 (0.41%)
Sep 18, 2015 - Sep 17, 2016	61 (0.20%)	
% Change	155.74%	

### Top Pages Visited

Meetings, AVF, Home, DVA, CMC pages drive majority of visits

Page	Pages	Unique Pages	Avg. Time on Page	Bounce	Source Rate	% Chg
A. Meetings (1)	16,73%	21.96%	13.44%	27.54%	2.73%	9.25%
Sep 18, 2016 - Sep 18, 2017	5,919 (14.0%)	4,328 (13.6%)	30,013 (1.07%)	76.3%	76.3%	
Sep 18, 2015 - Sep 17, 2016	8,881 (14.0%)	4,582 (13.7%)	30,342 (1.09%)	71.9%	84.9%	
% Change	-33.2%	-4.3%	-16.4%	-6.6%	7.4%	-8.0%
B. Home (1)	8.38%	4.76%	10.0%	4.0%	25.9%	82.3%
Sep 18, 2016 - Sep 18, 2017	3,698 (8.4%)	3,077 (9.1%)	30,338 (1.07%)	84.4%	81.1%	
Sep 18, 2015 - Sep 17, 2016	4,498 (8.4%)	3,077 (9.1%)	30,338 (1.07%)	84.4%	81.1%	
% Change	-18.0%	74.4%	10.0%	10.9%	-1.0%	-4.6%
C. AVF (1)	4.91%	4.38%	10.0%	4.0%	48.9%	48.1%
Sep 18, 2016 - Sep 18, 2017	2,122 (4.9%)	4,381 (13.6%)	30,338 (1.07%)	48.9%	81.0%	
Sep 18, 2015 - Sep 17, 2016	4,756 (14.0%)	4,457 (13.6%)	30,340 (1.09%)	44.0%	81.0%	
% Change	-55.9%	-37.2%	14.2%	-10.4%	-4.1%	-7.4%
D. DVA (1)	4.96%	4.74%	10.0%	4.0%	49.2%	47.4%
Sep 18, 2016 - Sep 18, 2017	2,122 (4.9%)	4,747 (14.5%)	30,338 (1.07%)	49.2%	73.5%	
Sep 18, 2015 - Sep 17, 2016	3,279 (8.4%)	3,988 (11.9%)	30,338 (1.07%)	77.4%	73.5%	
% Change	-35.7%	100.3%	3.4%	100.7%	2.9%	0.5%
E. CMC (1)	3.47%	3.06%	10.0%	3.0%	49.9%	48.4%
Sep 18, 2016 - Sep 18, 2017	1,517 (3.4%)	3,060 (9.5%)	30,338 (1.07%)	49.9%	61.6%	
Sep 18, 2015 - Sep 17, 2016	762 (3.4%)	3,077 (9.1%)	30,338 (1.07%)	45.4%	61.6%	
% Change	97.1%	0.0%	4.6%	10.0%	3.9%	16.4%

### Devices

55% visits on Desktop and 39% visits on Mobile

Device Category	Acquisition		Behavior	
	% New Sessions	New Users	Source Rate	Pages / Session
	27.54%	2.38%	30.58%	2.73%
1. Desktop	14.14%	79.6%	11,197 (0.37%)	79.8%
Sep 18, 2016 - Sep 18, 2017	14,142 (0.32%)	79,661	11,197 (0.37%)	79.8%
Sep 18, 2015 - Sep 17, 2016	14,159 (0.32%)	77,821	11,019 (0.37%)	72.0%
% Change	0.02%	1.59%	1.62%	-1.69%
2. Mobile	3.85%	79.4%	2,932 (0.10%)	80.2%
Sep 18, 2016 - Sep 18, 2017	3,855 (0.09%)	79,441	2,932 (0.10%)	80.2%
Sep 18, 2015 - Sep 17, 2016	5,026 (0.09%)	76,815	3,684 (0.10%)	75.7%
% Change	98.27%	3.42%	105.0%	5.97%
3. Tablet	1.45%	82.4%	1,202 (0.11%)	89.4%
Sep 18, 2016 - Sep 18, 2017	1,455 (0.03%)	82,411	1,202 (0.11%)	89.4%
Sep 18, 2015 - Sep 17, 2016	879 (0.03%)	77,70%	683 (0.11%)	74.4%
% Change	66.5%	6.32%	75.4%	8.3%

### Members

Member page views are up 31% YOY with a majority of those visits to the Physician Search and Join content

Page	Pages	Unique Pages	Avg. Time on Page	Bounce	% Chg
A. Physician Search (1)	31.28%	22.86%	0.62%	2.22%	21.94%
Sep 18, 2016 - Sep 18, 2017	10,311 (28.9%)	8,071 (23.9%)	6,000 (0.21%)	89.1%	10.1%
Sep 18, 2015 - Sep 17, 2016	8,641 (28.9%)	8,071 (23.9%)	6,000 (0.21%)	89.1%	10.1%
% Change	19.2%	0.0%	0.0%	0.0%	0.0%
B. Join Content (1)	10.0%	10.0%	10.0%	10.0%	10.0%
Sep 18, 2016 - Sep 18, 2017	4,000 (11.3%)	4,000 (11.3%)	4,000 (0.14%)	99.9%	10.0%
Sep 18, 2015 - Sep 17, 2016	4,000 (11.3%)	4,000 (11.3%)	4,000 (0.14%)	99.9%	10.0%
% Change	0.0%	0.0%	0.0%	0.0%	0.0%

### Patients

Patient page views are up 104% YOY with a majority of those visits to the Cerebrovascular Diseases content

Page	Pages	Unique Pages	Avg. Time on Page	Bounce	% Chg
A. Cerebrovascular Diseases (1)	104.15%	100.19%	10.0%	10.0%	104.15%
Sep 18, 2016 - Sep 18, 2017	4,166 (11.3%)	3,971 (11.3%)	3,971 (0.14%)	99.9%	104.15%
Sep 18, 2015 - Sep 17, 2016	4,000 (11.3%)	3,971 (11.3%)	3,971 (0.14%)	99.9%	104.15%
% Change	4.0%	0.0%	0.0%	0.0%	4.0%





<p><b>Nominating Committee</b></p> <p>Dr. Cockroft</p>	<p><b>Nominating Committee Members</b></p> <ul style="list-style-type: none"><li>■ Kevin Cockroft (committee chair, immediate past chair)</li><li>■ Sean Lavine (second past chair)</li><li>■ Greg Zipfel (chair)</li><li>■ J Mocco (chair-elect)</li><li>■ Babu Welch (vice-chair)</li><li>■ Adam Arthur (elected member 2017-18)</li><li>■ Andrew Ducruet (elected member 2018-19)</li></ul> <p><b>Positions Open for 2018</b></p> <ul style="list-style-type: none"><li>■ Chair-Elect</li><li>■ Vice-Chair</li><li>■ Member-at-large</li><li>■ Nominating Committee</li></ul> <p><b>Nominating Calendar</b></p> <ul style="list-style-type: none"><li>■ <b>September 1:</b> call for suggestions for nominations</li><li>■ <b>November 1:</b> Deadline for all suggestions</li><li>■ <b>November 15:</b> Candidate will be asked to submit CV &amp; candidate statement</li><li>■ <b>November 28:</b> CV &amp; statements due</li><li>■ <b>December 15:</b> Following discussion and voting by the Nominating Committee, qualified candidates for office are confirmed. Names of proposed candidates for office and their statements of candidacy submitted to the general membership for consideration.</li><li>■ <b>January 15:</b> Final slate of candidates will be submitted to the membership</li><li>■ <b>February 1:</b> Electronic ballots will be cast by the Active members.</li><li>■ <b>April 1:</b> Nominating Committee shall announce to the section membership, in writing, the results of the election.</li><li>■ <b>AANS Annual Meeting:</b> At the conclusion of the meeting new officers ascend to their respective posts.</li></ul> <p><b>Notes: Additional Nominees</b></p> <ul style="list-style-type: none"><li>■ Additional nominees, with appropriate qualifications, can be placed on the ballot with the support of 20 or more active members of the section. The petition must be submitted in writing to the Nominating Committee along with the candidate's respective CV and candidate's statement by December 31.</li><li>■ The Nominating Committee will confirm the candidate's qualifications &amp; authenticity of the petition signatures. Once confirmed, the candidate will be added to the ballot.</li></ul>
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	<p><b>Robert J Dempsey, MD          Cerebrovascular          Resident          Research Award</b></p> <p>Dr. Baskaya</p>	<p><b>Robert J Dempsey, MD Cerebrovascular Research Award          2016-2017 Annual Update</b></p> <p><b>Mustafa K. Baskaya, MD, Chair</b>  <i>Director of Skull Base Surgery          Professor of Neurological Surgery          Cerebrovascular and Skull Base Surgery          University of Wisconsin, Department of Neurological Surgery</i></p> <p><b>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 2016-17. Of the outstanding applications, winners of this award for 2016-17 are:</b></p> <p><b><u>Sean Polster, MD</u></b> from the University of Chicago with his project, “Epithelial Barrier Dysfunction in CCM Disease.”</p> <p><b><u>Tristan Stani, MD</u></b> from Oregon Health and Science University Center for Health &amp; healing with his project, “Is restoration of glymphatic function following SAH a potential treatment strategy to ameliorate the effects of delayed cerebral ischemia? ”</p>	
	<p><b>IAC carotid stent          facility          accreditation          standards</b></p> <p>Drs. Cockroft,          Patel</p>	<p>Nothing to Report</p>	

<p><b>Old Business</b></p> <p><b>Resident &amp; Fellow Endovascular Courses</b></p> <p>Drs. Arthur, Veznedaroglu, Lawton, Mocco, Binning, and Kellner</p>	<p><b>Resident and Fellow Courses</b></p> <ul style="list-style-type: none"><li>• Introduction to Cerebrovascular Neurosurgery for Junior Residents Practical Clinic .<ul style="list-style-type: none"><li>• To expose Jr. residents to what it means to be a combined cerebrovascular surgeon</li><li>• Held at AANS meeting</li><li>• Erol Veznedaroglu, J Mocco, Mandy Binning, and Chris Kellner</li></ul></li><li>• 3D Anatomy for Residents (emphasis on vascular)<ul style="list-style-type: none"><li>• To review anatomy with emphasis on open cerebrovascular approaches</li><li>• Held in Houston each August</li><li>• Michael Lawton</li></ul></li><li>• AANS Endovascular and Open Cerebrovascular Course for Senior Residents<ul style="list-style-type: none"><li>• To practice endovascular and open surgical techniques with reperused cadaver and live models</li><li>• Held at MERI, October 19-21, 2017</li><li>• Erol Veznedaroglu, Michael Lawton, Adam Arthur</li></ul></li><li>• ENRG Boot Camp for Beginning Endovascular Fellows<ul style="list-style-type: none"><li>• To prepare fellows entering fellowship</li><li>• Held at 3C meeting</li><li>• Andy Ringer</li></ul></li><li>• CV Section/SNIS Joint Fellows Courses<ul style="list-style-type: none"><li>• To expose fellows in training to didactics and new technology</li><li>• Held at CV Section/SNIS meeting and SNIS Annual Meetings</li><li>• 1 CV Section and 1 SNIS director</li></ul></li><li>• AANS/SNIS/SVIN Endovascular Course for Senior Fellows<ul style="list-style-type: none"><li>• To practice endovascular techniques with live models</li><li>• Held at MERI, September 15-17, 2017</li><li>• Erol Veznedaroglu, Alex Berenstein and Adam Arthur</li></ul></li></ul> <p>Fellows' Course (September 15-17)</p> <ul style="list-style-type: none"><li>• Dan Hoit, Peter Kan, Clemens Schirmer, Johanna Fifi, Max Mokin, Don Frei</li><li>• Residents' Course (October 19-21)</li><li>• Mark Bain, Jay Howington, Ricardo Hanel, Peter Kan, Billy Mack, Andy Grande, Johnny Delashaw, Scott Simon</li></ul> <p>Residents' Course (October 19-21)</p> <ul style="list-style-type: none"><li>• Mark Bain, Jay Howington, Ricardo Hanel, Peter Kan, Billy Mack, Andy Grande, Johnny Delashaw, Scott Simon</li></ul>
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**Joint CV Section  
 Neurovascular  
 Traveling  
 Fellowship**

Fall 2017 Progress  
 Report

Drs. Arthur,  
 Schirmer

**State of affairs**

**Committee**

- Adam Arthur and Clemens Schirmer – Co-Chairs
- Christoph Griessenauer
- Patrick Han
- Brian Jankowitz
- Adam Oliver
- Joshua Osbun

**Funds**

- Medtronic
  - Approved by Medtronic
- Microvention
  - Verbal commitment from CEO for contributions over 5 years
- Others
  - Preliminary (positive) discussion with Penumbra

**Framework**

**Awardee**


- CAST certified individual OR demonstrable, significant open cerebrovascular practice
  - JCVS section member OR SNIS member
  - Board certified in specialty
  - (not restricted to Neurosurgeons)
- 1 week exchange program
  - Commits to taking 5 days out of practice
- Award \$2000
  - Encouraged to donate award back to JCVS
- Travel stipend
  - Economy fare
  - hotel based on proximity to institution

**Host institution**

- CAST approved fellowship program OR demonstrable significant cerebrovascular/endovascular expertise in the area the applicant is seeking
- Appropriate case volume pertaining to the specific project
  - as judged by the committee
  - may have to submit documentation
- Willing and able to rearrange and accommodate schedule to create the experience
  - Letter of support
- Award \$1000
  - Encouraged to donate to JCVS

**timeline**



		<b>Rollout and next steps</b> <ul style="list-style-type: none"><li>■ Announcement in JCVS newsletter</li><li>■ Awaiting publication of the application process on NREF website and open for applications</li><li>■ Publicize program further on website, email, social media</li><li>■ Reach out to Zeiss, Aesculap, Integra, Stryker and Codman about possible contributions</li></ul>	
	<b>3C Meeting</b>  Dr. Siddiqui	<b>3C Meeting – 2018</b>    <ul style="list-style-type: none"><li>■ June 25-28, 2018 Snow King Resort, Jackson Hole, Wyoming</li><li>■ Co-Chairs: Clemens Schirmer &amp; Imran Chaudry</li><li>■ 3 days – Aneurysms, Stroke, Everything Else</li><li>■ Complications, New technology &amp; Hot topic debates</li></ul>	
	<b>Brain Aneurysm Foundation/C. Getch Research Award</b>  Dr. David	Verbal Report	

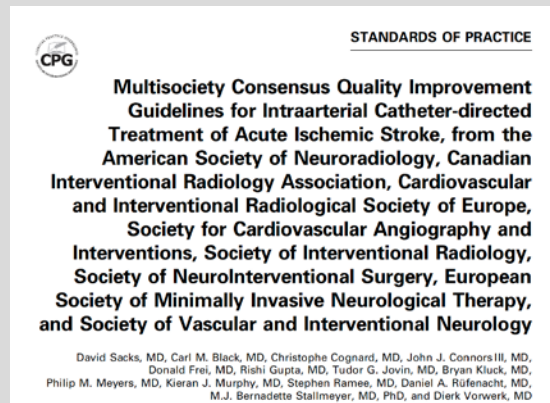
**SIR Writing Group for Stroke Outcome Guidelines for Endovascular Therapy**

Drs. Lavine, Khalessi

Multisociety Consensus  
Quality Improvement  
Revised Consensus  
Statement for Endovascular  
Therapy of Acute Ischemic  
Stroke

**Original Document**

- In 2013 David Sacks from the SIR organized a writing group to create guidelines for outcomes of endovascular treatment of acute ischemic stroke.
- AANS had been invited, but “never responded”, and the paper was written with participation from SIR, SNIS, SVIN, ASNR, CIRA (Canadian IR), CIRSE (European IR), and ESMINT (European equivalent of SNIS).
- We were invited to participate in a revision of the guidelines.
- AANS and CNS representatives Clemens Schirmer, Alex Khalessi



© SIR, 2013  
*J Vasc Interv Radiol* 2013; 24:151–163  
<http://dx.doi.org/10.1016/j.jvir.2012.11.028>

**2017 Version Participating Groups**

- American Association of Neurological Surgeons (AANS), the American Society of Neuroradiology (ASNR), the Cardiovascular and Interventional Radiology Society of Europe (CIRSE), the Canadian Interventional Radiology Association (CIRA), the Congress of Neurological Surgeons (CNS), the European Society of Minimally Invasive Neurological Therapy (ESMINT), the European Society of Neuroradiology (ESNR) the European Stroke Organization (ESO), the Society for Cardiovascular Angiography and Interventions (SCAI), the Society of Interventional Radiology (SIR), the Society of NeuroInterventional Surgery (SNIS), and the World Stroke Organization (WSO).
- SVIN invited, but chose not to participate
- All members of the writing group have approved the revisions and the change of the document from a guideline to a consensus statement.
- CV Section Executive Committee, AANS, & CNS have independently reviewed and approved for publication with parent societies included as participants in the development of the consensus statement.

**JCVS Strategic Planning**

Dr. Zipfel

**JCVS Strategic Planning**

- Committee Members
  - Immediate Past-Chair – Kevin Cockroft
  - Chair – Greg Zipfel
  - Chair-elect – J Mocco
  - Vice-chair – Babu Welch
  - Treasurer – Adnan Siddiqui
  - Secretary – Clemens Schirmer
  - Ad Hoc
    - Academic – Peter Nakaji, Adam Arthur
    - Private – Jay Howington, Pat Han
- Three-year strategic plan
- Proposed Mission Statement
  - “The mission of the CV Section is to advance education, research and patient care in the area of vascular diseases of the brain and spine. Through our activities and educational programs, we strive to promote awareness of and access to opportunities for improving clinical practice, research, and policy in the area of neurovascular surgery.”*
- Proposed Vision Statement
  - “The vision of the CV section is to support and lead practitioners in their quest to provide the best, most efficient, and patient-centered care for their patients with neurovascular disease by:*
    - *Providing the most advanced educational programs to practitioners at all levels of training – medical student through senior attending*
    - *Providing the strongest venues for discourse, debate, and discussion regarding the care of patients with neurovascular disease*
    - *Providing the best routes for dissemination of the most current and highest quality basic, translational, and clinical research on neurovascular diseases*
    - *Advocating for patients with neurovascular disease and the practitioners who care for them”*
- *Service to Membership*
  - Survey membership annually
    - In progress (Welch/Han/Howington)
  - Specific ideas
    - Coding courses at annual meeting
    - MOC courses at annual meeting (with CAST)
    - NP/PA courses at annual meeting
    - Discounted registration fees for sister society meetings (SNIS, SVIN, CCC, etc.)
- *Fostering connections with endovascular leaders, practitioners, and industry*
  - Promote endovascular leadership within CV section
    - 8 of 10 members of current EC
  - Establish new endovascular-focused lectureship
    - Hopkins lectureship established at CNS (Tuesday; 3:45pm)

- Endovascular travelling fellowships
  - Funding secured; Applications in progress (Arthur/Schirmer)
- Renew MOU with SNIS
  - 3 year MOU signed in 2017
- Synergize with SVIN
  - Discussions with Raul Nogueira
    - Reciprocal discounted registration fees for meetings (under consideration)
    - Multi-society advocacy of NIH for proceduralist leadership in CV clinical trials
    - CAST-accredited endovascular fellowships
- Support / train endovascular clinical trialists
  - Multi-society advocacy with NIH
  - CV Clinical Trialist Fellowship (under consideration)
- Expand service to non-neurosurgical CV colleagues
  - Under consideration
- *Highlight and foster CV Research*
  - Establish Cerebrovascular Research Prize
    - Ralph G. Dacey, Jr. Cerebrovascular Research Prize funded; Will be formally established at CV section annual meeting
  - CV research leaders speak at annual meeting
    - Under consideration
  - Forum for CV research at annual meeting
    - Under consideration
- *Enhance CV section voice in scholarship*
  - Ideas
    - Partner with NSG or JNS to develop Vascular Journal
    - “Vascular special issue” with Neurosurgery or JNS
    - “Vascular paper(s) of the year” at JCVS annual meeting in conjunction with NSG, JNS, or both
    - Partner with JNIS and/or JVIN to formulize role of JCVS
  - Status
    - Not pursuing
- *Expand engagement with international community*
  - Increase international members
  - Increase partnerships with international societies
- Status
  - Under consideration
- *CV and Neurosurgery-directed Philanthropy*
  - Celebrate / enhance culture of giving in CV section
    - In progress



**CV Section  
Member  
Generosity**

**Executive Committee Members**

- Kevin Cockroft
- Sean Lavine
- J Mocco
- Peter Nakaji
- Clemens Schirmer
- Adnan Siddiqui
- Henry Woo
- Greg Zipfel

**Standing Committee Members**

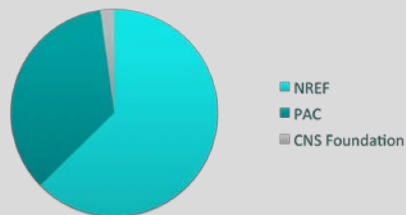
- Adam Arthur
- Andrew Grande
- Judy Huang
- Robert James
- Louis Kim
- Brian Jankowitz
- William Mack
- Scott Simon
- Stacey Wolfe

**Ad Hoc Committee Members**

- Peter Rasmussen
- Mark Bain
- Kimon Bekelis
- Ketan Bulsara
- Sander Connolly
- Nicholas Bambakidis
- Sepideh Amin-Hanjani
- Chris Fox
- Louis Caragine
- Rose Du
- Chirag Gandhi

**Impact of CV Section Member Generosity**

Total Donations = \$117,637



		<b>Vision for the Future</b> <ul style="list-style-type: none"><li>■ The CV section has a strong history of giving</li><li>■ But we can do better....</li></ul>	
	<i>New Business</i>		
	<b>Meeting Adjourned</b>	Meeting adjourned at 4:00 pm	