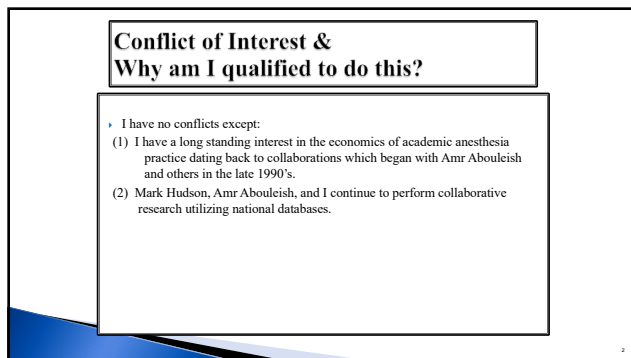


Perfect Storm Part II: Is a Tsunami Brewing



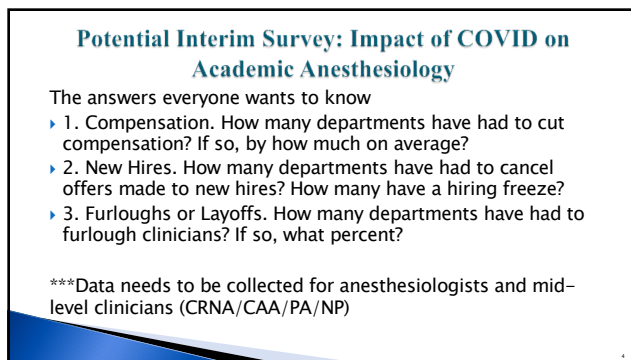
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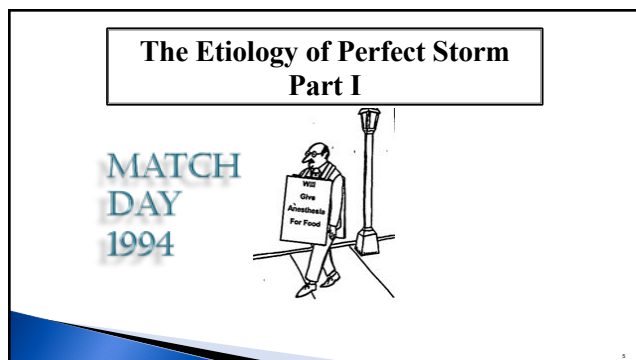
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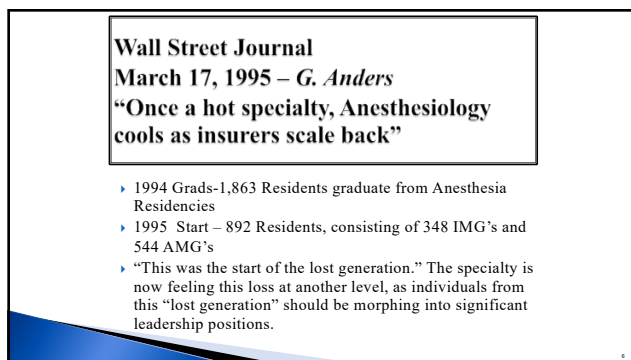
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5



6

COVID-19 IMPACT on Academic Anesthesiology is yet to be determined

7

*Size of Residency Training Programs

- In 2019- 1,442 Senior Residents. A total of 6,507 Anesthesiology Residents are enrolled in 155 Core Residency Programs graduated
- (33% women enrolled in all specialty and subspecialty training programs).

Residency Production: Confounding Factors

- In 2019, we know that the following pursued ACGME fellowships:

Number of Programs (N)	Positions Filled	% Women
Critical Care Medicine (N=64)	182/246	35.2%
Pain Medicine (N=104)	372/409	21.8%
Pediatrics (N=61)	199/257	49.2%
Adult Cardiothoracic (N=69)	215/222	25.6%
OB (N=37)	44/59	59.1%
Clinical Informatics (N=1)	1/2	0%
Regional & Acute Pain (N=29)	58/59	39.7%
Total	1,071/1,254	

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- Given the current issues that the country is struggling with, regarding social injustice, we need to track leadership positions held by women and minorities.
- SAAAPM must take a role in leadership development and increasing diversity

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SAAA YEARLY SURVEY DATA 2019

n=71

10

2019 Department

Attending Physician FTEs	Mean	+/- SD	Median (2018)
Surgical Anesthesiologist FTEs	46.0	28.2	39.6 (38.8)
Acute Pain (In-Patient)	2.0	2.19	1.2 (1.1)
Chronic Pain (Out-Patient)	3.8	2.62	3.2 (3.0)
ICU	3.9	4.23	3.0 (2.0)
Pre-Op Clinic	1.1	0.94	1.0 (1.0)
Other	1.5	4.69	0.0 (0.0)
Total	58.3		

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2019 Department (cont'd)

Academic Rank	Clinical Anesthesiology Faculty: Total Mean	Clinical Anesthesiology Faculty: Total FTEs Mean	Clinical Anesthesiology Faculty: Clinical FTEs Mean
Chair	1.0	1.0	0.3
Professor	8.9	8.3	5.0
Associate Professor	15.1	14.0	9.9
Assistant Professor	41.9	39.1	31.0
Instructor	5.2	4.9	3.7
Non Academic Clinical	2.1	1.6	1.3
Total	74.2	68.9	50.3

*50.3/68.9 = 73% (27% non-clinical)

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Perfect Storm Part II: Is a Tsunami Brewing

National Clinical Coverage

	Mean	+/- SD	Median (2018)
How many OR's does your Department cover each day Monday- Friday?	43.1	24.7	39 (40)
How many Non-OR/Off Site locations does your Department cover each day Monday-Friday?	13.7	8.1	12 (10)
How many OB deliveries with anesthesia involvement does your Department have each year? *How do we staff OB at night and at what level of deliveries does it take to have a dedicated person covering this service?	3,322	2,624	2,666 (2,500)

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OB Staffing

	Nights	Weekends
Separately Assigned MD	58%	58%
Crossover Faculty from Main OR	37%	34%
Other	3%	6%
Call From Home	0%	0%

90th percentile deliveries 5,707

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National Clinical Coverage

How many faculty do you have on each of these services per day on average, Monday-Friday in the daytime?	Mean	+/-SD	Median (2018)
OR	31.2	20.1 (26)	26.4
OB	1.6	1.1 (1)	1
ICU	2.5	2.6 (2)	2
Acute Pain	1.4	0.87 (1)	1
Pain Clinic	3.1	1.97 (2.5)	3
Pre-Op Clinic	1.0	0.85 (1)	1
Other	2.3	4.08 (0)	0
Total	43.1		

* Reflection of total faculty not clinical FTE

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Department Clinical Sites Coverage Monday-Friday

	Mean	+/- SD	Median (2018)
ORs ↑	47.3	25	42 (40)
Off Site ↑	13.7	8.1	12 (10)
OB	1.6	1.1	1 (1)
ICU	2.5	2.6	2 (2)
APS	1.4	0.87	1 (1)
Pain	3.1	1.97	3.0 (2.5)
Pre-Op	1.0	0.85	1 (1)
Other	2.3	4.08	0 (0)
Total	72.9		

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National Institutional Support

	Mean	+/- SD
Institutional Support ↑	\$ 15,405,053	\$ 11,154,828
Institutional Support / FTE ↑	\$ 247,686	\$ 170,270

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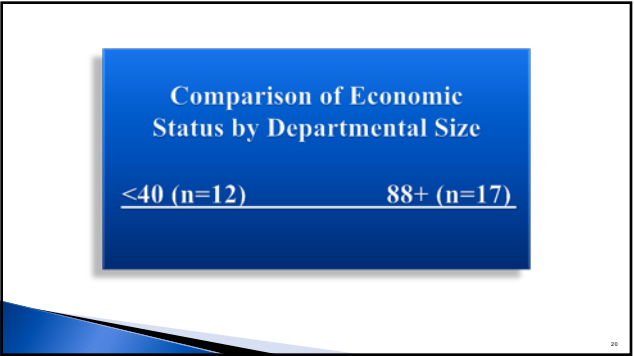
Total Support	25%	Median (2018)	75%
Total Support ↑	\$ 6,066,009	\$ 13,334,863 (\$11,895,000)	\$ 23,633,486
Total Support per FTE ↑	\$ 102,251	\$ 239,409 (\$205,793)	\$ 355,090

Mean National Institutional Support

Total Support/FTE	2019	2018	2017	2016	2015	2014	2013
	\$ 247,686	\$ 224,091	\$ 183,712	\$ 190,584	\$ 191,912	\$ 196,441	\$ 181,000

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Perfect Storm Part II: Is a Tsunami Brewing



<40 n= 12	Mean	+/- SD	Median (2018)
Institutional Support ↑	\$ 8,245,947	\$ 5,019,958	\$ 8,044,146 (\$ 6,000,000)
Institutional Support per FTE ↑	\$ 301,045	\$ 198,529	\$ 263,752 (\$ 241,677)

88+ n= 17	Mean	+/- SD	Median (2018)
Institutional Support ↑	\$ 21,808,538	\$ 10,774,671	\$ 23,828,438 (\$ 18,505,216)
Institutional Support per FTE ↑	\$ 201,980	\$ 105,128	\$ 233,874 (\$ 188,803)

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National Department Clinical Revenue

	Mean	+/- SD
ASA Units	\$35,751,482	\$21,570,973
ICU Units	\$2,249,693	\$2,790,023
Pain Units	\$2,331,182	\$2,118,708
Other	\$1,256,284	\$1,238,533
Total	\$41,588,641	

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National Collection / FTE

	Mean	+/- SD
ASA Units*	\$ 590,401	\$ 436,929
ICU Units*	\$ 33,631	\$ 59,600
Pain Units*	\$ 35,809	\$ 38,304
Other*	\$ 17,295	\$ 14,981

*Is it a true reflection of clinical FTE??

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Billing Production National

	Mean	+/- SD	Median (2018)
Total Anesthesia Units Billed	814,829	381,989	700,230 (735,113)
Total Anesthesia Units Billed Per FTE	12,696	4,360	12,247 (11,555)

Billing Data

	Mean	+/- SD
What is your average \$ amount collected per unit?	\$ 48.49	\$ 33.29
< 40 faculty	\$ 53.36	\$ 39.31
41-87 faculty	\$ 50.38	\$ 38.54
88+ faculty	\$ 41.87	\$ 12.07

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Perfect Storm Part II: Is a Tsunami Brewing

Number of Units Billed		Mean	+/- SD
ASA Units		814,829	381,989
ICU Work Units		29,763	30,069
Pain Work Units		26,499	18,684
Other		13,194	9,531

Billing – Collection Mean Summary		Mean	+/- SD	Median (2018)
ASA (Base and Time) units billed for anesthesia service		\$48.49	\$33.29	\$38.44 (\$36.11)
Work units in ICUs (wRVUs)		\$72.45	\$44.72	\$57.75 (\$55.27)
Units for Pain (wRVUs)		\$87.90	\$39.53	\$91 (\$79.89)
Any other billed services		\$85.16	\$44.60	\$78.17 (\$68.10)

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ASA Units – Collections for Anesthesia Services						
n	Mean	SD	90%	75%	50% (2018)	25%
71	\$48.49	\$33.29	\$98.25	\$52.39	\$38.44 (\$36.11)	\$28.98

wRVUs – Collections in ICUs						
n	Mean	SD	90%	75%	50% (2018)	25%
71	\$72.45	\$44.72	\$136.62	\$69.42	\$57.75 (\$55.27)	\$50.82

wRVUs – Collections for Pain						
n	Mean	SD	90%	75%	50% (2018)	25%
61	\$87.90	\$39.53	\$141.35	\$103.85	\$79.91 (\$79.89)	\$59

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ASA Units Billed: ASA Units/Year						
n	Mean	SD	90%	75%	50% (2018)	25%
67	814,829	381,989	1,292,761	1,156,809	700,230 (735,113)	532,487

Units Billed: ICU wRVUs/Year						
n	Mean	SD	90%	75%	50% (2018)	25%
56	29,763	30,069	65,382	43,806	22,482 (20,265)	6,419

Pain wRVUs/Year						
n	Mean	SD	90%	75%	50% (2018)	25%
63	26,499	18,684	59,038	38,497	20,183 (20,841)	13,078

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SAAA 2019 Compensation Total Compensation Including Income Plus Pension Contributions			
Compensation Includes Income Plus Pension Contribution	25%	Median (2018)	75%
Instructor ↑	\$248,510	\$328,750 (\$298,000)	\$351,643
Assistant Professor ↑	\$346,968	\$373,980 (\$358,143)	\$406,214
Associate Professor ↑	\$376,920	\$406,025 (\$391,257)	\$448,727
Professor ↑	\$401,499	\$426,868 (\$411,550)	\$455,750
Non Academic Clinical ↑	\$219,405	\$340,564 (\$276,133)	\$410,344
Chair ↑	\$589,303	\$626,063 (\$600,000)	\$714,021

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Fringe Benefits			
	25%	Median	75%
Instructor	\$0	\$0	\$45,000
Assistant Professor	\$26,290	\$52,047	\$68,117
Associate Professor	\$29,991	\$54,030	\$75,585
Professor	\$29,292	\$56,625	\$76,651
Non Academic Clinician	\$0	\$0	\$0
Chair	\$39,596	\$67,641	\$118,467

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Pension/Retirement Benefits			
	25%	Median	75%
Instructor	\$0	\$0	\$0
Assistant Professor	\$0	\$0	\$23,800
Associate Professor	\$0	\$0	\$24,875
Professor	\$0	\$0	\$25,583
Non Academic Clinician	\$0	\$0	\$0
Chair	\$0	\$0	\$34,000

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Perfect Storm Part II: Is a Tsunami Brewing

Summary of 2019 Submissions

For the Average Department

- Same clinical work as reflected by ASA units and work RVUs
- Greater compensation per faculty
- Improved collections per unit worked
- Unprecedented increase in Institutional Support

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