

Diversity and Equity in the Neonatology Workforce

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#### **Disclosures**

- I have no disclosures.
- I will not discuss unapproved or off-label uses.
- Terminology AAP Words Matter

https://www.aap.org/en/about-the-aap/american-academy-of-pediatrics-equity-and-inclusion-efforts/words-matter-aap-guidance-on-inclusive-anti-biased-language/







#### Outline

- Racial and Ethnic
- Gender
- In medicine/pediatrics
- In neonatology
- Improvement initiatives



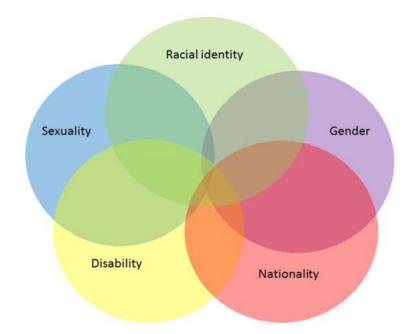






#### Impact of Intersectionality

"the interconnected nature of social categorisations such as race, class, and gender, regarded as creating overlapping and interdependent systems of discrimination or disadvantage"





## Racial and Ethnic Diversity and Equity

In Medicine





## US Census Terminology

#### Race

White – A person having origins in any of the original peoples of Europe, the Middle 59% East, or North Africa.

Black or African American – A person having origins in any of the Black racial groups of Africa.

American Indian or Alaska Native – A person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.

Asian – A person having origins in any of the original peoples of the Far East,
Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China,
India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Native Hawaiian or Other Pacific Islander – A person having origins in any of the <1% original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

### **Ethnicity**

"Cuban";

"not Hispanic or Latino""Mexican, Mexican Am., Chicano";"Puerto Rican";

2020 US census.gov

"another Hispanic, Latino, or Spanish origin" – 30+



### **AAMC Terminology**

"Underrepresented in medicine (URiM) means

those racial and ethnic populations that are underrepresented in the medical profession relative to their numbers in the general population."

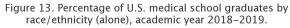
**AAMC 2004** 

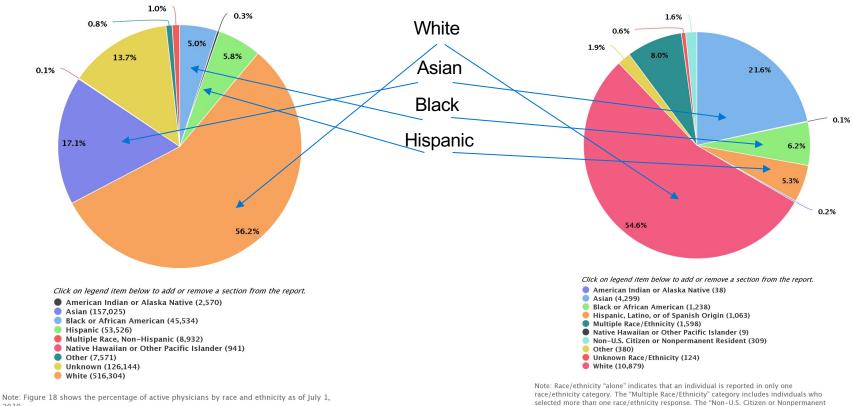
- Self-identification: Black, Hispanic or Latino, American Indian, Alaskan Native, Hawaiian, Pacific Islander
- Avoid "Minority" in US children, all groups <50%

## Physicians, Medical Students

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Figure 18. Percentage of all active physicians by race/ethnicity, 2018.



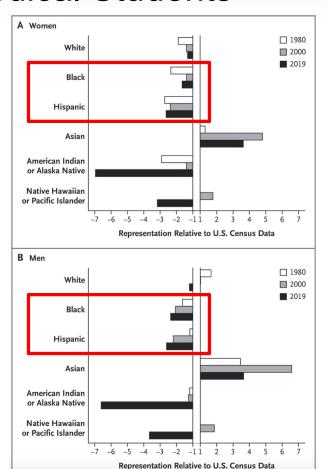


2019.

Resident" category may include individuals with unknown citizenship



#### **Medical Students**



## No significant progress in increasing diversity of URiM over 4 decades

Stagnate for Hispanic women
Declines for Black & Hispanic men

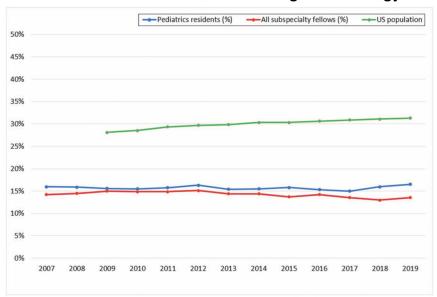
	Black (12% US)	Hispanic (19% US)
2018	6.2% of graduates	5.3%
2019	3.2% increase	6.3% increase
2020	9.5% of matriculants	12%
2021	11.3% of matriculants	12.7%

AAMC.org, Morris et al NEJM 2021

#### **Pediatric Trainees**

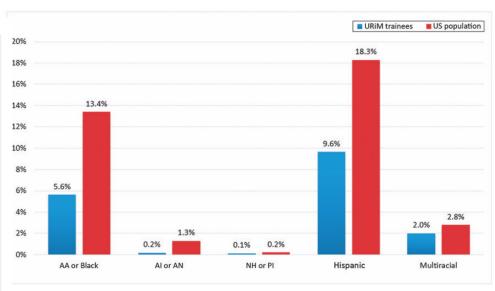


URiM representation unchanged for residents, declined for fellows, \*\*including neonatology



**FIGURE 2**Percentage of URIM pediatric residents and fellows from 2007 to 2019 compared with US population.

#### Comparison with US population, 2019

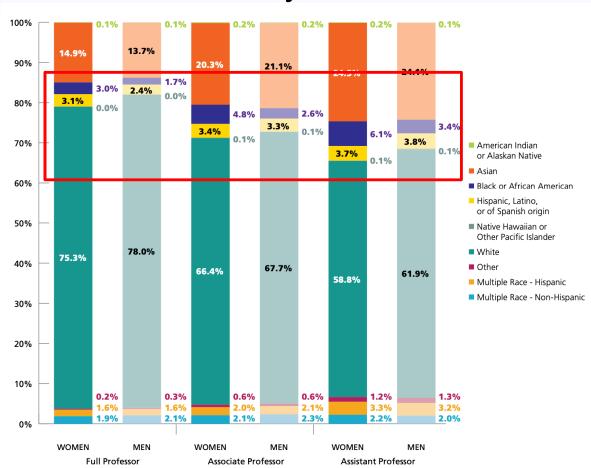


#### **GURE 1** creentage of URiM trainee representation compared with US population representation, 2019.

Unknown 10% residents, 5% fellows. Multiple 1%, 4%

### Med School Faculty Rank





Blacks and Hispanics more underrepresented in 2016 than 1990

In every field (except female OB/GYN)

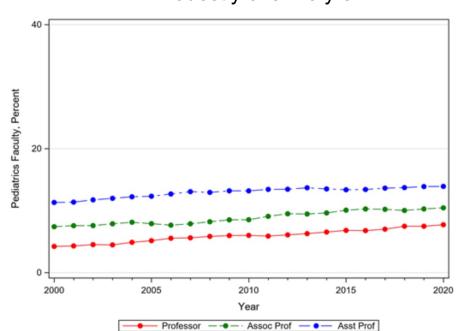
At every rank

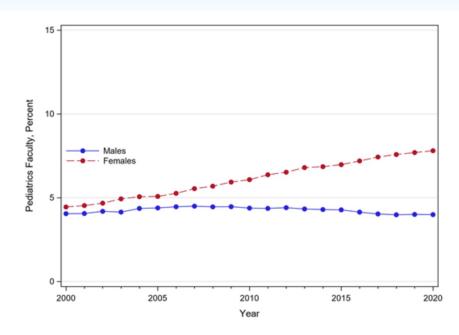
AAMC 2021, Lett el al 2018



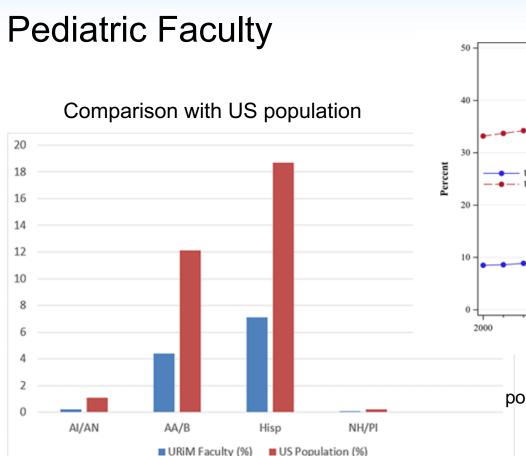
### **Pediatric Faculty**

## URiM representation increased modestly over 20 yrs

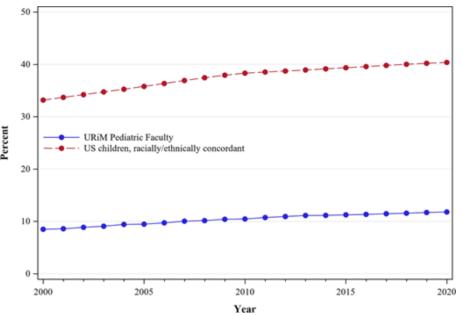




URiM male representation unchanged or declined



#### Comparison with US children

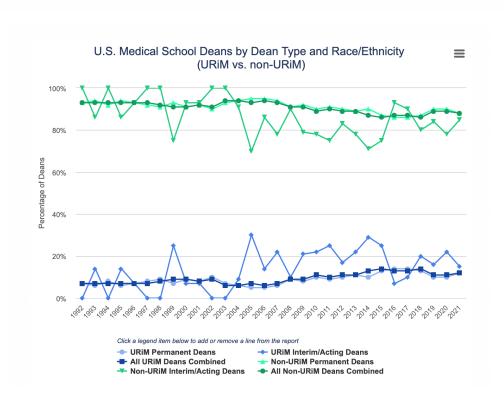


"the lack of faculty diversity reflective of the US population may have a critical impact on the ability to recruit/retain a diverse pediatric workforce and promote equitable care."

AAMC, Omoruyi et al Pediatrics 2022

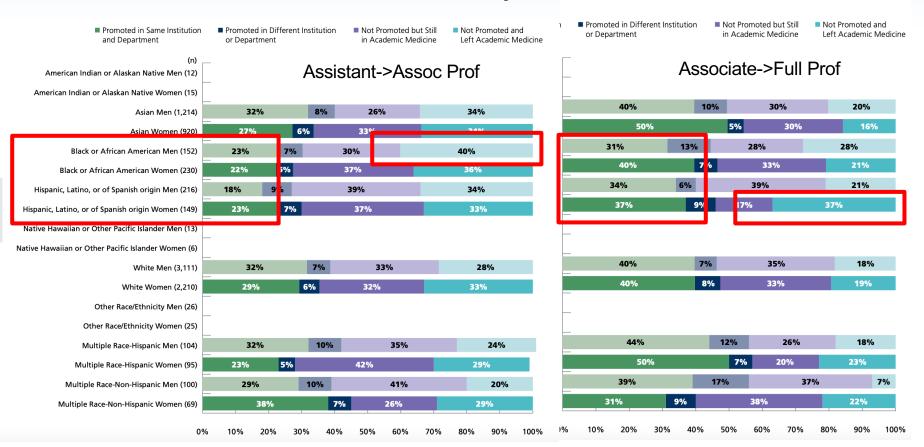
#### Academic Productivity, Leadership – URiM less

- URiM published 0.64 papers compared with white
- No adjusted difference in grant acquisition
- No significant or adjusted difference in senior leadership (17% white vs 10% URiM)



#### Promotions – URiM less, delayed







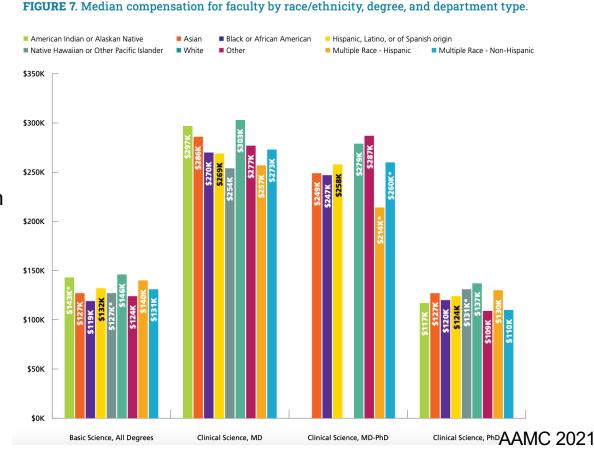
#### Compensation – URiM less

In most cases, white men paid more than other groups

"Gender was the primary factor driving compensation inequities; men consistently made more than women of the same race/ethnicity."

#### Clinical science MD example:

- White woman \$0.77
- Asian woman \$.74, man \$.98
- Black woman \$.73, man \$.93
- Hispanic woman \$.69, man \$.69





## Racial and Ethnic Diversity and Equity

In Neonatal-Perinatal Medicine



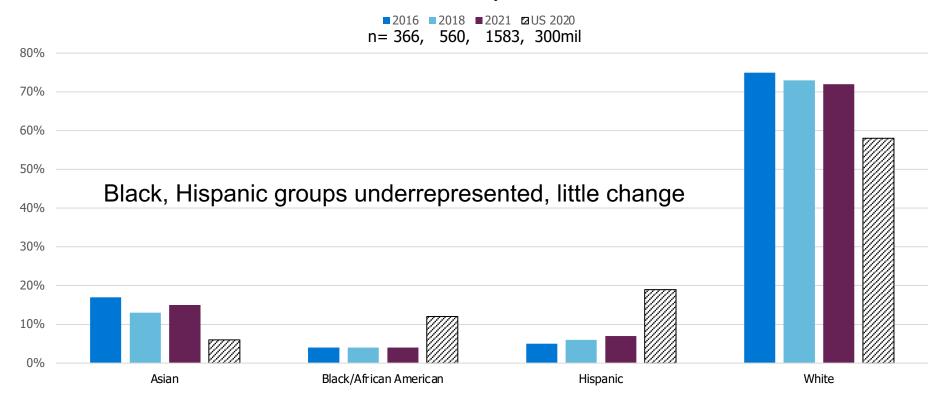
## Where We Stand in Neonatology

- ACGME/AAMC data
  - Fellows 2007 2019: URiM 19% → 14%, p<0.001
- ABP data
  - Certifications\*
    - n=4804 < 65 years
    - n=6525 <75 years</li>
  - Collection started in 2018, not reported yet...
    - Race, ethnicity
    - Language proficiency besides English



### AAP Workforce Survey Data

\*Credit Eric Horowitz, Anisha Bhatia, Lauren Barone, Holly Ruch-Ross, Mark Hudak



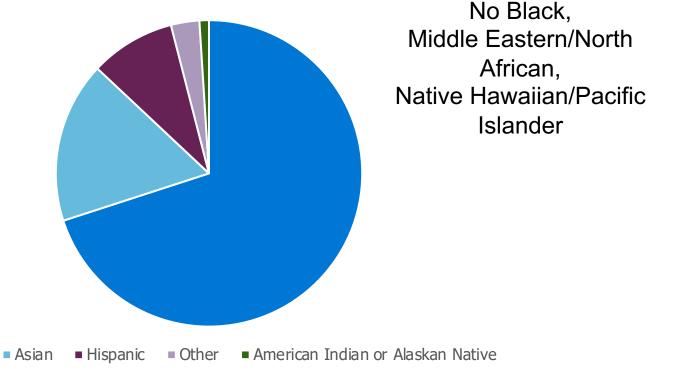
<sup>\*</sup> Middle Eastern/North African (3% 2021), American Indian or Alaska Native, Native Hawaiian or Pacific Islander, Other, Declined



### NIH-funded Neonatologists

White

- 131 Neos in 2021
- 84 respondents
- 8 declined to answer



Credit – Lingappan, Horowitz, Reddick, Hagan, Wright

## **Equity in Neonatology**

- 2018 Workforce Survey data, n = 335
- URiM (n=34), Asian (51), non-Hispanic White (250)
- URiM more likely
  - Work more weeknight shifts (48 UIM vs 40 Asian vs 36 white; p=0.016)
  - Practice in Southcentral or Southeast
  - International graduate medical education (Asian also)
- No significant adjusted differences in employer type, other clinical facets, leadership roles

		, ,		
Cl	hi	ld	re	er

(\$18,500-\$700,000)

Black

0 (0-10)

\$127,500

24%

21%

12%

9%

12%

NS

NS

NS

NS

NS

NS

NS

Odds ratio

6.93 (1.56-30.72)

6.82 (2.46-18.9)

2.59 (0.8-8.44)

1.11 (1.07–1.16)

1.07 (1.01-1.13)

0.18 (0.05-0.69)

1.02 (1–1.04)

Ann	& Robert	H. I	Lurie
hildren's	Hospital	of	<sup>™</sup> Chicago

NS

NS

NS

NS

NS

NS

NS

p value

0.011

NS

< 0.001

< 0.001

0.022

0.016

0.012

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Equity	in Academia
Danasarah	NIL

Research—weeks/year<sup>a</sup> Percent with grant funding

Annual grant funding<sup>a</sup>

Grant funding source(s)

Foundation funding

Commercial funding

Institutional funding

Primary investigator for NIH grant

(AUC: 0.93)

NIH funding

Equity in Aca	ademia		
Research	NH White	Asian	

0(0-10)

\$87,000

(\$11,250-\$273,750)

Underrepresented in medicine (yes)

21%

10%

9%

3%

6%

Submitted a grant (yes)

Research (weeks per year)

Number of annual presentations

Number of primary authorships

No adjusted difference in rank of full professor, research time, publications

**Factors** 

Asian (yes)

Early career (yes)

2 (0-10)

\$100,000

(\$37,500-\$162,500)

25%

14%

10%

6%

8%

<b>⊏</b> quity	in Academia
Research	NH V



#### **Equity in Compensation**

	Gradinoprodomod in modicino (700)	00 ( 200 10 17 0)	
	Factors	Dollars per year	p value
	Salaried (yes)	-\$63,475 (-\$15,628 to -\$111,323)	0.01
	Gender (female)	-\$42,503 (-\$25,843 to -\$59,165)	<0.001
	Academic affiliation (yes)	-\$37,686 (-\$18,208 to -\$57,165)	<0.001
	Region—Northeast	-\$36,155 (-\$14,271 to -\$58,039)	0.001
Total cash compensation (R <sup>2</sup> adjusted: 0.36)	Region—Mid-Atlantic	-\$34,451 (-\$13,003 to -\$55,899)	0.002
	Underrepresented in medicine (yes)	-\$27,688 (-\$991 to -\$54,384)	0.042
	Asian (yes)	-\$20,217 (-\$43,198 to \$2764)	NS
	Research (weeks/year)	-\$912 (-\$171 to -\$1654)	0.016
	Years post fellowship (5-year blocks)	\$10,553 (\$6887 to \$14,219)	<0.001
	Bonus (yes)	\$26,620 (\$9984 to \$43,255)	0.002

- 30 year gross earning difference = \$800K
- Invested = \$2 million

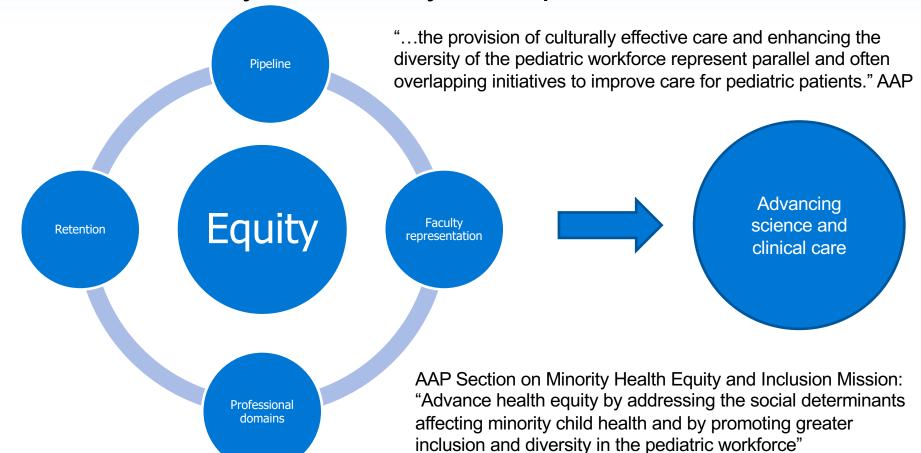


## 2021 Analysis

- AAP 2022 NCE plug! Horowitz et al
- Geographic differences persisted (South east and central)
- No meaningful differences in compensation or clinical, scholarly, leadership, administrative aspects



## Where and Why is Diversity so Important?





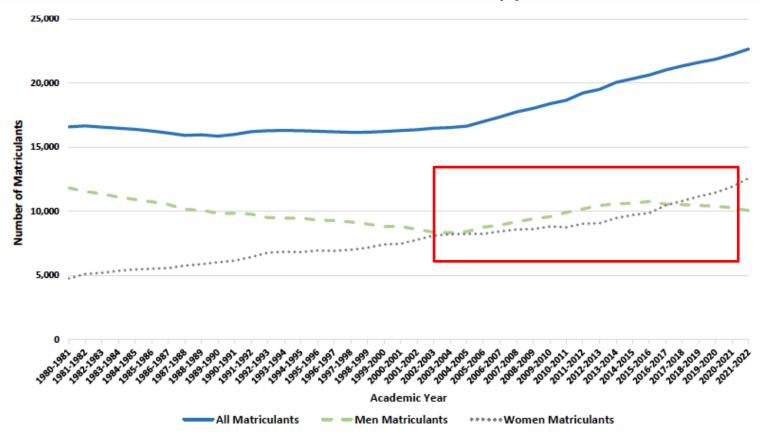
## Gender Diversity & Equity

In Medicine



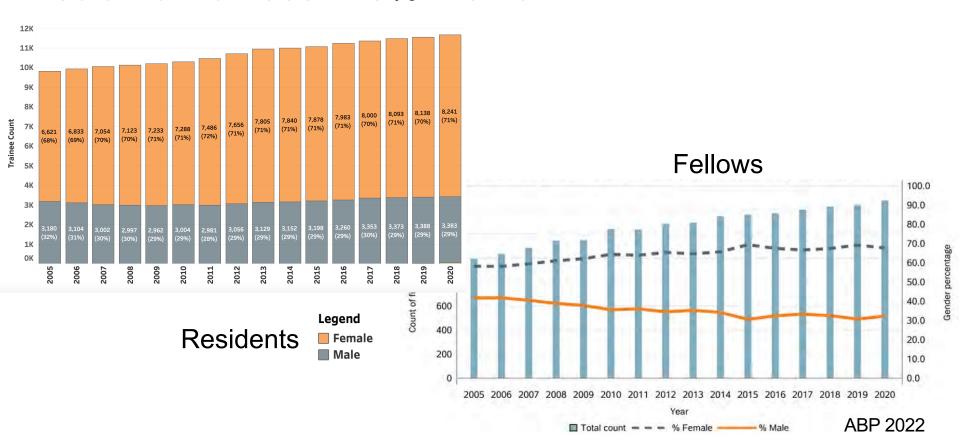


#### Medical School Matriculants >50% Women



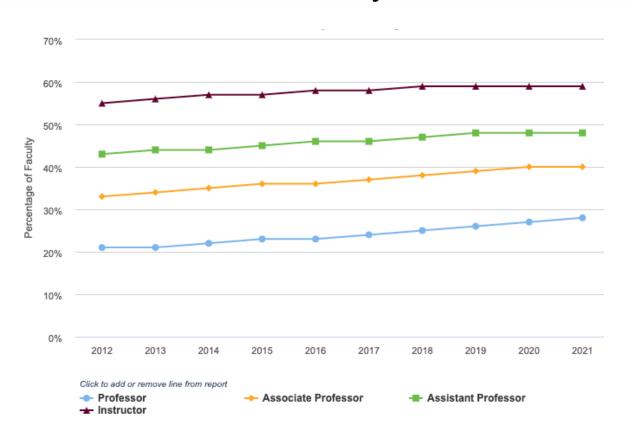


#### Pediatric Trainees >70% Women





#### Medical School Faculty



In Pediatrics, women are

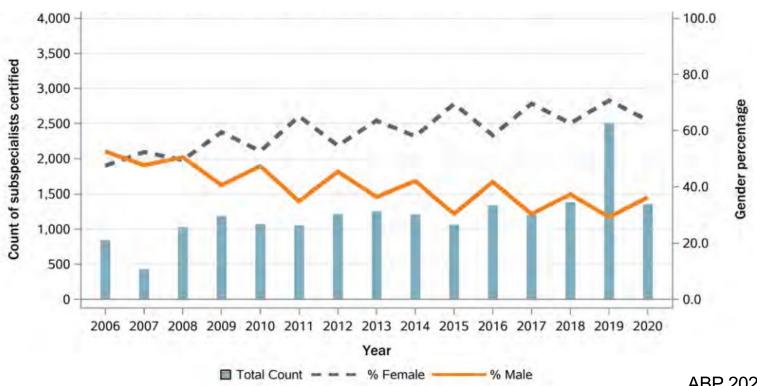
63% Faculty

57% Associate

34% Full

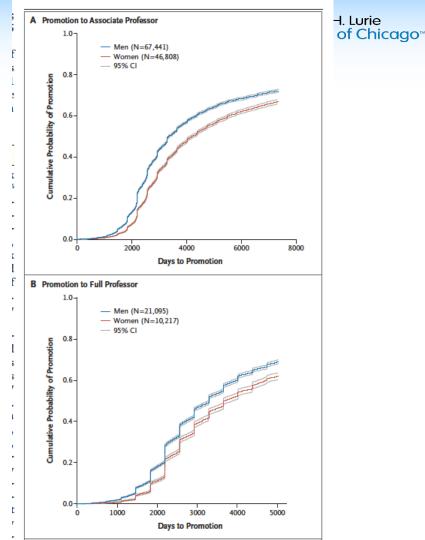


### Pediatric Attendings >60% Women



# Promotions - Women less likely and slower

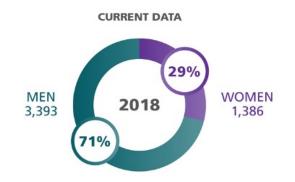
- Women more likely to be appointed at Assistant (1.12)
- Less likely to be promoted to:
  - Associate (adjusted HR 0.76)
    - 18% women, 24% men (7yr)
    - Median delay to Associate of 214 days
  - Full (0.77), 32% women, 27% men



AAMC State of Women in Medicine, 2018-2019, Richter et al NEJM 2020

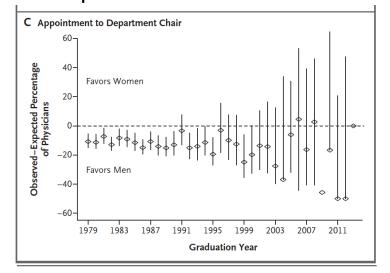


#### Leadership Positions – Women hold less



Division Chief, all: 2.5x less

#### Department Chair: 54% less





Dean: 4.5x less

#### Recognition – Women receive less

- Invited commentaries
  - OR 0.79, adjusted
  - 42% in high impact Peds journals
- Speakerships 45% (AAP 2015-18)
- Awards
- Introductions
  - 49% informal when man introduced woman (72% man-man)
  - 17% by first name (3% men)
- Recommendation letters
  - 16% shorter, 4x less likely to mention publications
  - Language differences



Thomas et al 2019 JAMA Gender Disparities in Invited Commentary Authorship in 2459 Medical Journals
Silver et al 2018 JAMA Assessment of Women Physicians Among Authors of Perspective-Type Articles Published in High-Impact Pediatric Journals
Spector et al 2019 Peds Women in pediatrics: progress, barriers, and opportunities for equity, diversity, and inclusion

Files et al 2017 J Womens Health Speaker introductions at internal medicine grand rounds: forms of address reveal gender bias

Lin et al 2019 BMC Gender-based differences in letters of recommendation written for ophthalmology residency applicants https://csw.arizona.edu/sites/default/files/avoiding\_gender\_bias\_in\_letter\_of\_reference\_writing.pdf



#### Scholarly Work – Women make less gains

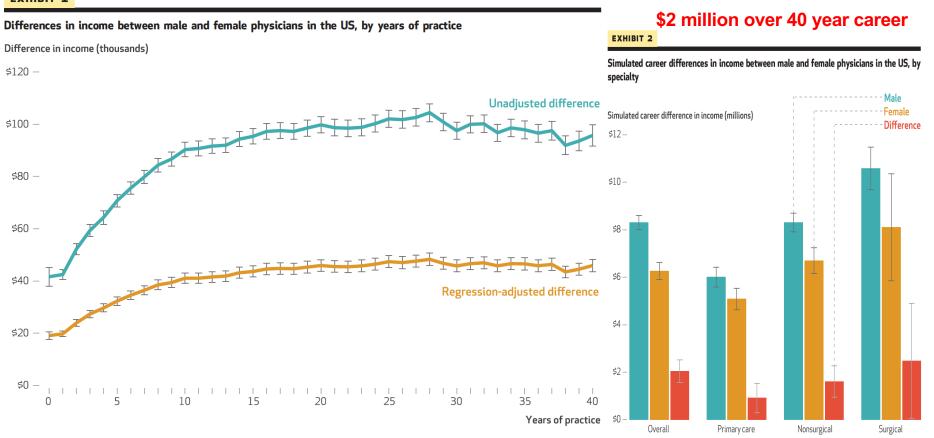
- Publications
  - Holding 1<sup>st</sup> or last author positions Pediatrics: 61% first author, 44% last
  - Especially in high impact journals 26-36%
  - Fewer citations 33-50%
- Editorial boards and reviewers 40%
- Grants
  - Award rates are similar, but women receive smaller amounts
    - First time NIH: women = 44%, \$39K less
    - \*\*R01 Women \$15K MORE
  - Less participation on review panels
    - NIH Study sections: women 37% chairs, 39% reviewers

### Compensation – Women earn a lot less



EXHIBIT 1

Whaley et al 2021, 80K physicians on Doximity 2014-19

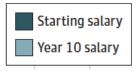


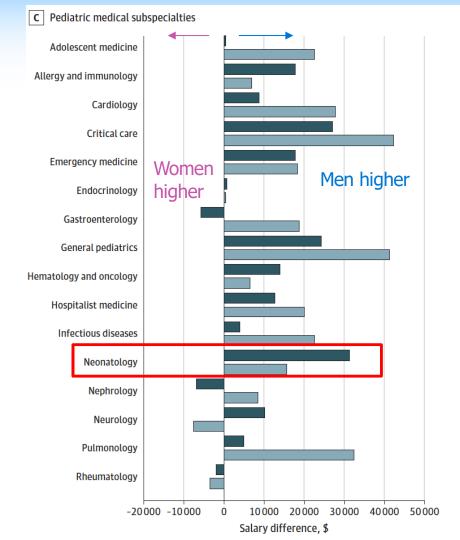
### Women Lower Starting Salaries

	Difference, median (IQR), \$ [%] <sup>b</sup>		
Subspecialty	Starting salary	Year-10 salary	
Adult medical	29 854 (22 673 to 39 432) [11]	21 504 (15 900 to 34 621) [8]	
Adult surgical	64 124 (56 849 to 109 613) [17]	99 385 (83 737 to 127 805) [20]	
Pediatric medical	9632 (620 to 18 008) [4]	18 841 (6957 to 24 215) [7]	
All subspecialties	26 800 (12 816 to 40 980) [10]	22 890 (15 808 to 49 781) [9]	

- Gap increases by year 10
- \$214K less 10yr earning potential
- 1 year delay in promotion reduces 10yr earning potential \$26K

#### **Even in Pediatrics**





t H. Lurie al of Chicago™



# Gender Diversity & Equity

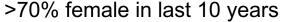
In Neonatal-Perinatal Medicine

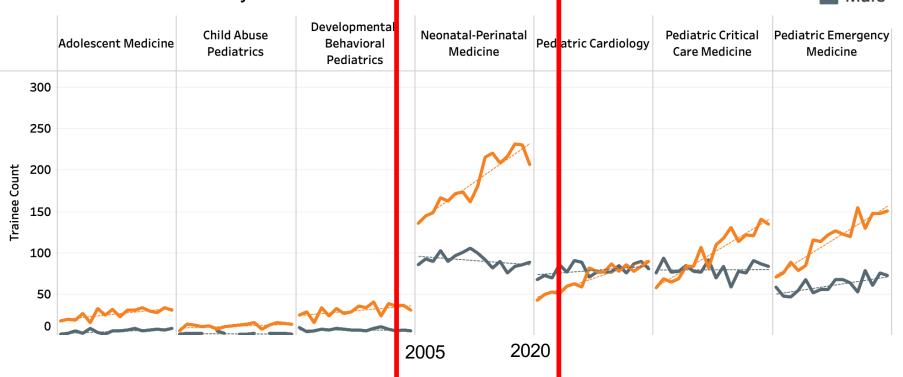




#### Neonatal-Perinatal Medicine Fellows





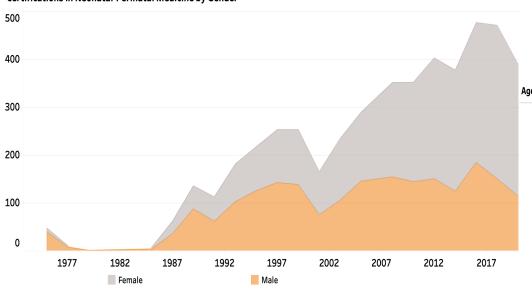


ABP data

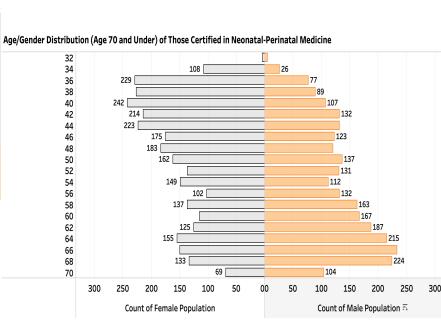


#### **Neonatal-Perinatal Certifications**





62-71% female over last 10 years 56% overall





# AAP Workforce Survey

1 Characteristics

neonatologists in the United States

of

Private practice

Government

Academic

Instructor

Assistant

Associate

Professor

Non-academic

Other

Academic track<sup>b</sup>

Academic rank<sup>a</sup>

full-time

board

131 (36)

50 (14)

4(1)

237 (65)

129 (35)

8 (4)

89 (40)

75 (34)

Journal of Perinatology (2019) 39:359–365 https://doi.org/10.1038/s41372-018-0304-7

#### **FEATURE**

#### Neonatologist salary: factors, equity and gende

Eric Horowitz<sup>1</sup> · Henry A. Feldman<sup>2</sup> · Renate Savich<sup>3</sup>

- Academic + private practice
- 2016
- n=360 (15%)

_					
Variable	Categories	N (%)			
Years post	<5 Years	75 (20)			
fellowship <sup>a</sup>	5-10 Years	56 (15)		1 10100001	10 (04)
	10-15 Years	43 (12)	Gender <sup>a</sup>	Female	168 (47)
1	15-20 Years	34 (9)		Male	192 (53)
l	20-25 Years	53 (14)	Race <sup>b</sup>	Asian	59 (17)
	>25 Years	105 (29)		Black/African	15 (4)
Years in current	ent <5 Years 128 (35)	American			
practice <sup>a</sup>	5-10 Years	50 (14)		White	252 (75)
	10-15 Years	52 (14)		Other	12 (4)
	15-20 Years	32 (9)	Ethnicity <sup>b</sup>	Hispanic/Latino	19 (5)
	20-25 Years	32 (9)	Medical training <sup>b</sup>	American medical	286 (80)
	>25 Years	72 (20)		graduate	
Practice type <sup>b</sup>	Health system employee	180 (49)		International medical graduate	71 (20)

eligible/certified

Data were collected as <sup>a</sup>ordinal variable; <sup>b</sup>nominal variable; <sup>c</sup>continuous variable; and <sup>d</sup>dummy ordinal variable (0 or 1). Distribution around median listed as interquartile range (IQR)

256,000 (213,608–315,000)

7200 (0-26,500)

20,000 (8000–36,500)

280,000 (225,000–355,750)

Salary (\$)

Bonus (\$)

Total cash

Moonlighting (\$)

compensation (\$)

51 (23)

Compensation<sup>c</sup>-

median (IOR)



# Factors Influencing Base Compensation

Neonatologist salary: factors, equity and gender

363

< 0.001

Table 4 Generalized linear model-factors influencing base compensation

Factors	Impact (%)	Impact (\$) <sup>a</sup>	P value
Region–North Central <sup>b</sup>	5.00	12,813	0.02
Work with physician assistants <sup>b</sup>	4.02	10,286	0.004
In-house call <sup>b</sup>	3.35	8579	0.005
Years post fellowship (5-year blocks) <sup>c</sup>	2.71	6927	< 0.001
Administrative time-weeks/year <sup>c</sup>	0.24	612	< 0.001
Daily rounding-critical care patients <sup>c</sup>	0.18	452	0.07
Clinical time-weekdays (daytime)a,c	0.05	125	< 0.001
Medical education-weeks/year <sup>c</sup>	-0.26	-661	0.001
Work with neonatal hospitalists <sup>b</sup>	-1.97	-5030	0.10
Eligibility for annual bonus <sup>b</sup>	-3.48	-8911	0.002
Gender (female vs male) <sup>d</sup>	-3.68	-9425	< 0.001
Large central metropolitan county <sup>b</sup>	-4.44	-11,359	< 0.001
Academic (vs non-academic) <sup>d</sup>	-5.86	-14,996	< 0.001
Region-Mid-Atlantic <sup>b</sup>	-6.12	-15,673	< 0.001

Gender =\$9425/yr, compounded

legion-Northeast <sup>b</sup>
$^{2}$ adjusted = 0.45556

All correlations of estimates are between -0.3 and 0.3, except for Work with Physician Assistants and Region-Northeast which had a value of -0.348

-6.72

-17,193

<sup>&</sup>lt;sup>a</sup>Impact (\$) calculated from Impact (%) × median compensation (\$256,000)

<sup>&</sup>lt;sup>b</sup>Variable analyzed as a binomial dummy variable with potential value of 0 or 1

<sup>&</sup>lt;sup>c</sup>Variable analyzed as continuous

<sup>&</sup>lt;sup>d</sup>Variable analyzed as nominal binomial

#### Deeper Dive into Gender Differences

Journal of Perinatology https://doi.org/10.1038/s41372-020-00897-4

#### ARTICLE

#### Equity for women in medicine—neonatologists identify issues

Eric Horowitz 1 · Tara M. Randis · Mihail Samnaliev · Renate Savich ·

Received: 20 August 2020 / Revised: 19 October 2020 / Accepted: 20 November 2020 © The Author(s), under exclusive licence to Springer Nature America, Inc. 2020

			All	Male	Female	
•	2018	Years post fellowship				
•	n=341	5 years or less	18%	12%	23%	< 0.001
		6-10 years	18%	10%	24%	
•	55% female	11-15 years	14%	16%	13%	
		16-20 years	8%	8%	8%	
		21-25 years	9%	7%	11%	
		26-30 years	15%	22%	10%	
		31-35 years	10%	15%	6%	
		36 years or more	7%	10%	5%	

NA-1-

ΛII

<sup>&</sup>lt;sup>a</sup>Median value (interquartile range).

	National average	Gender		p valu
	(n = 341)	Male $(n = 155)$	Female ( <i>n</i> = 186)	
Employer type				
Hospital or healthcare system	73%	72%	75%	NS
Contracted: private single subspecialty group	14%	18%	11%	
Contracted: private multispecialty group	11%	9%	13%	
Military or federal government	1%	1%	1%	
Other	0%	1%	0%	
Academic or nonacademic affiliation				
Academic	72%	70%	73%	NS
Nonacademic	28%	30%	27%	
Characteristics of primary nursery for clinical	duties			
Level 4 (regional neonatal intensive care unit)	54%	52%	56%	NS
Level 3 (neonatal intensive care unit)	44%	46%	42%	
Level 2 (special care nursery)	2%	3%	2%	
Clinical duties <sup>a</sup>				
Clinical service—weeks/year	18 (12–26)	20 (13-30)	16.5 (12–25)	NS
Weekday daytime clinical shifts per year	90 (60–120)	90 (65–130)	85 (60–120)	NS
Weeknight clinical shifts per year	40 (22-60)	40 (21–60)	38 (24–60)	NS
Weekend daytime clinical shifts per year	24 (15–34)	24 (15–34)	24 (14–32.5)	NS
Weekend night time clinical shifts per year	15 (10–24)	15 (10–25)	15 (11.75–24)	NS
Clinical hours/year	1935 (1444-2672)	1932 (1413–2740)	1937.5 (1478–2626.5)	NS
Average daily census <sup>a</sup>				
Total rounding census	20 (16–28.5)	22 (16–30)	20 (16–28)	NS
Call type provided				
In-house	39%	35%	42%	NS
From home	33%	34%	33%	
Both in-house and from home	25%	27%	23%	
No call	3%	3%	2%	

Ann & Robert H. Lurie Children's Hospital of Chicago



# Leadership & Academic Rank Differences

Table 2 Gender comparison of key leadership and compensation factors.

	National average	Gender		p value
	(n = 341)	Male $(n = 155)$	Female $(n = 186)$	
Institutional administrative title(s)				
Committee member (group/division/department)	34%	34%	33%	NS
Committee chair (group/division/ department)	18%	21%	15%	NS
Committee member (institutional)	33%	32%	33%	NS
Committee chair (institutional)	10%	15%	6%	0.005
Medical/Program director	40%	43%	37%	NS
Division chief/Group president	14%	23%	7%	< 0.001
Department chair	4%	5%	3%	NS
Executive officer	3%	7%	0%	< 0.001
Academic rank				
None	5%	5%	4%	NS
Instructor	7%	5%	8%	NS
Assistant professor	37%	27%	46%	0.002
Associate professor	28%	30%	27%	NS
Full professor	23%	34%	15%	< 0.001

On a tanura traak



### Leadership & Academic Productivity Models, adjusted

Table 4 Regression models of factors influencing leadership and publications.

Target variable	Factors	Odds ratio	p value
Title of division chief or group president (AUC: 0.84)	Gender (male)	2.81 (1.35–6.14)	0.005
	Publications (>10)	2.43 (1.14–5.17)	0.022
	Years post fellowship (5-year blocks)	1.43 (1.2–1.74)	< 0.001
	Clinical (>12 weeks/year)	0.4 (0.19-0.86)	0.02
	Research (>15 weeks/year)	0.24 (0.06-0.79)	0.017
Title of institutional committee chair (AUC: 0.81)	Gender (male)	2.92 (1.3-6.97)	0.009
	Years post fellowship (5-year blocks)	1.35 (1.13–1.63)	0.001
	Medical education (weeks/year)	1.06 (1.02-1.1)	0.004
	Presentations	1 (1.05–1)	0.053
	Primary authored publications	1 (1.04–1)	0.053
	Weekday clinical time (weeks/year)	0.96 (0.92-1)	0.043
	Group size (<6 neonatologists)	0.26 (0.07-0.76)	0.012
First or senior authorships (adjusted $R^2$ : 0.22)	Grant funding (yes)	17.81 (10.34-25.29)	< 0.001
	Research (>15 weeks/year)	12.74 (4.66–20.81)	0.002
	Gender (male)	6.71 (0.81-12.6)	0.025
	Years post fellowship (5-year blocks)	4.24 (2.93–5.55)	< 0.001

Adjusted  $R^2$ : 0.41. Using ordinary least squares on log-transformed total cash compensation, estimates were converted to dollar amounts by applying the percentage change on the median total cash compensation in 2018 (\$280,000).

# Academic Productivity – Women make less gains

- Publications
  - Men had twice as many primary authored publications as women
  - Same number of submissions
- Medical education time men had 2 wks, women 0
- No gender difference in:
  - Research time
  - Grant funding, type, application



## Compensation - Women are paid less

Unadjusted total cash comp difference= \$75K/yr

Adjusted difference = \$35K

Compounded 30 yr =

\$3.5 million

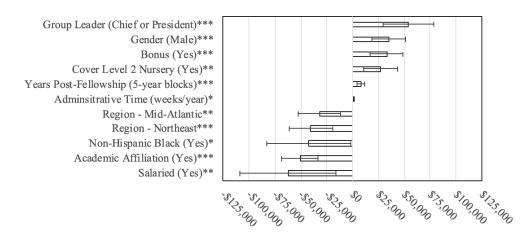
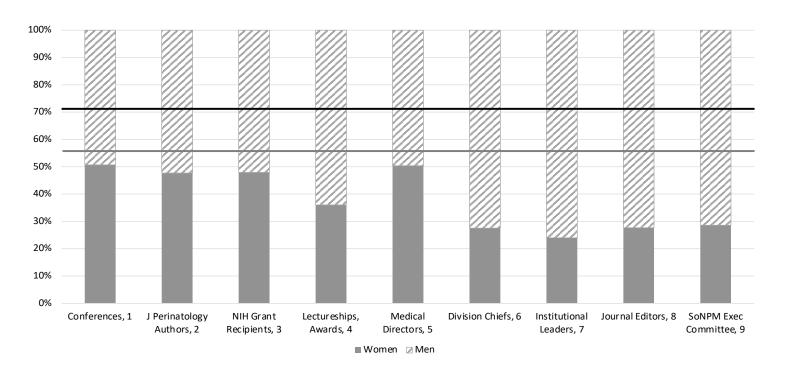


Fig. 1 Regression results of factors influencing total cash compensations (2018 US\$). Estimated dollar value of factors independently influencing total cash compensation. \*p value < 0.05; \*\*p value < 0.01; \*\*\*p value < 0.001.



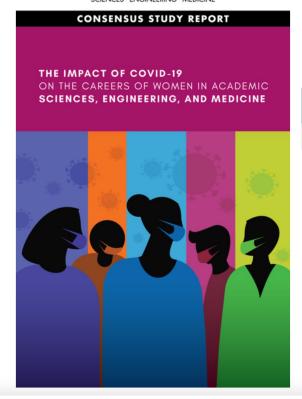
#### Gender Representation in Various Professional Domains



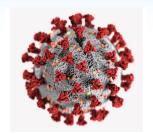


## COVID-19 Amplified Gender Disparities

SCIENCES · ENGINEERING · MEDICINE







Articles & Issues ♥ Collections ♥ For Authors ♥ Journal Info ♥

#### SCHOLARLY PERSPECTIVES

#### Outline







#### **COVID-19 Threatens Progress Toward Gender Equity Within Academic Medicine**

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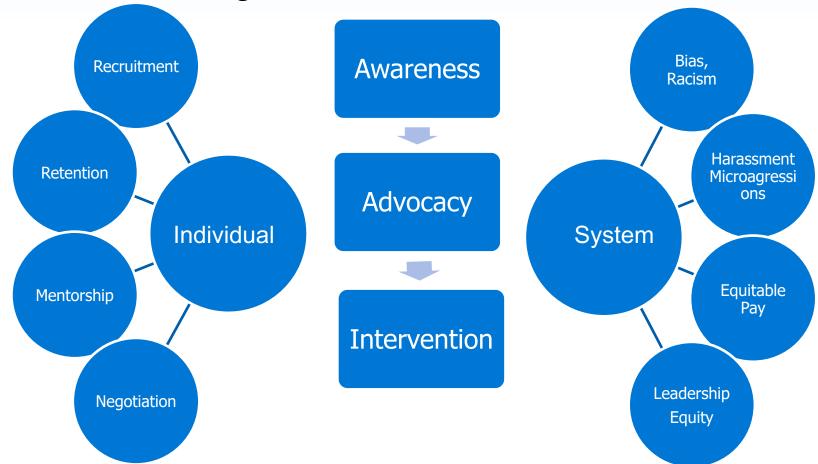


# Improvement Initiatives



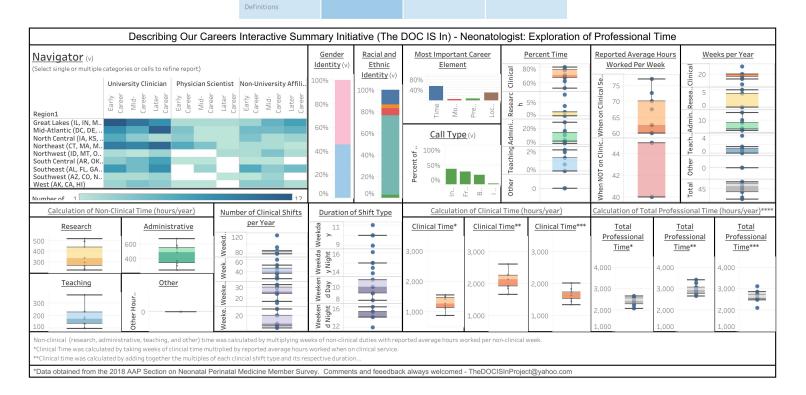


#### Solutions for Change





Awareness Example: DOC IS In



Professional Time

Credit: Eric Horowitz!!

#### Advocacy Example: ALF Resolutions

- Combatting Racism in Graduate Medical Education Through Accreditation Council for Graduate Medical Education (ACGME) Curriculum Changes - #4, 2021
- Accountability through Measurement—Improving Diversity and Inclusivity in Pediatrics Through Metric-Driven Data to Better Address Members' Needs - #6, 2021
- AAP Support for Gender Pay Equity for its Members #7, 2021
- Transparency of Equity, Diversity and Inclusion Outcomes for Medical School Pediatric Departments - 2022

### Call to Action Statements – Gender Equity

- AAP "As a collective group, we believe that the profession of medicine should collaboratively and intentionally address the numerous, multifaceted issues that hinder women physicians from reaching their full potential and ability to positively influence the profession of medicine, including by the following:"
- AAMC "Academic medicine has suffered as a result of systemic discrimination and can no longer ignore the large
  impact that gender inequities have created. Now is the time to act. Member institutions and societies must renew their efforts
  to end exclusionary and discriminatory practices that operate across infrastructure, governance, operations, policies and
  processes, and workforce development. For the health of the academic medicine community, and for the patients who count
  on us, we can, we must, and we will achieve gender equity."
- American College of Physicians "Although progress has been made toward gender diversity in the physician workforce, disparities in compensation persist, and inequities have contributed to the disproportionately low number of female physicians achieving academic advancement and serving in leadership positions. The medical profession and our patients benefit greatly from a diverse physician workforce. A concerted effort must be made to eliminate the imbalance in compensation and career advancement opportunities and provide a more inclusive environment to realize the full potential of all physicians in the workforce."
  - Neonatology "By leading systemic and sustained change toward equity, the SoNPM will maximize the engagement and potential of all neonatologists and ultimately advance the science of our field and the care of our patients."

### Intervention: Salary Equity Tools

#### FIRST STEPS ORGANIZATIONS CAN TAKE TO INITIATE A SALARY EQUITY EFFORT

- Establish consensus and commitment among institutional leadership about dedicating effort and resources to understanding and addressing salary equity locally.
- Scan the environment to assess whether other efforts are already underway to address salary equity in pockets of the institution or to address equity more broadly.
- Announce to the campus community that salary equity is an institutional strategic priority to demonstrate leadership commitment.
- Convene a group of diverse stakeholders across ranks and mission areas to begin exploring salary equity.
- Identify the various sources of compensation and personnel data (such as gender, race/ethnicity, and allocation of effort) available to your institution for local salary equity analyses.
- Conduct information sessions for faculty and leaders about compensation plans to ensure there is a consistent foundational understanding of compensation practices at your institution.

#### **SALARY EQUITY**

- Establish diversity, equity, and inclusion as an organizational goal with oversight by senior leadership.
- Task a multidisciplinary group of physicians, staff, and leaders with ongoing assessment and monitoring of salary equity and with identifying and addressing drivers of compensation disparities.
- Track the representation of women and people from different races/ ethnicities across units, in leadership roles, among new hires, and among academic and organizational promotions, and assess the impact of equity initiatives on these metrics.
- Examine recruitment practices, and audit salary offers and startup packages to identify opportunities to improve pay equity through changing processes.
- Conduct mandatory unconscious bias training with organizational leaders, in-house recruiters, academic promotion committees, and individuals who serve on job interview or external search committees.
- Educate leaders about paying attention to situations where bias can emerge, such as during job negotiations, performance evaluations, and sponsorship.
- Develop formal sponsorship programs and networking opportunities to promote professional advancement for faculty who are marginalized and underrepresented in medicine.
- 8. Explore underlying challenges to compensation and productivity that may result from increased domestic responsibilities (e.g., not being able to earn bonus pay for extra call, having inflexible work hours), and implement solutions that increase opportunities for all (e.g., allowing remote attendance at meetings and institutional support for caregiving).
- Provide employees with gender-neutral parental leave and return-towork policies to support the professional success of new parents.
- Publicly report salary data and equity initiatives to close pay gaps.
   Track and share progress to enhance accountability and garner trust.

#### **AAMC 2021**

## **Key Takeaways**

- Much work needed to improve racial and ethnic diversity
  - Evaluations for inequities
- Gender disparities exist in nearly all facets of the workforce
  - Even in Peds, in Neonatology
- May be small, but time point and compounding matter

The health of our workforce is key to the health of our patients



# Women's Equality Day

• To commemorate the 19<sup>th</sup> Amendment – adopted August 26, 1920

"The right of citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of sex."



