


## Disclosures

Consultant/Speakers Bureau

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First born to immigrant parents, native of Arizona

2001 MD from USC Keck School of Medicine

2002 Master's in Medical Education from USC Rossier School of Education

2002-05 Internal Medicine residency at UCLA

2005-07 Rheumatology fellowship at UCLA

2007 Joined faculty at UC Irvine as an Assistant Professor

2012 Program Director of the Fellowship

2018 Stepped in as Interim Chief, Program Director

## Agenda



AMIR

## GENDER EQUITY SURVEY


https://survey.zohopublic.com/zs/5cbumd

## Feminization





## Feminization of the Canadian Rheumatology Workforce

DISTRIBUTION OF CANADIAN $70 \%$ RHEUMATOLOGISTS BY GENDER ${ }^{1}$


[^0]

## ARE WE <br> LESS EFFICIENT?

DO WE NOT WORK AS HARD?


## Difference in Hours Worked Per Week by Gender





## Difference in Compensation* by Gender in Rheumatology ${ }^{1-4}$



## Lifelong Earnings Impact of Gender Compensation Difference*1-5

What a female rheumatologist makes for every dollar a male rheumatologist makes

The difference in mean salary over 40 years (lifelong earnings) for a female rheumatologist vs a male rheumatologist ${ }^{\dagger}$

Additional years a female rheumatologist has to work to make up the difference in mean salary over 40 years ${ }^{\ddagger}$


## Equal Pay Day



HOW MUCH LONGER DOES A WOMAN HAVE TO WORK TO EARN THE SAME AMOUNT AS A WHITE, NON-HISPANIC MALE?


## The Fuzzy Math of Gender Compensation

$10 \%=-20 \%$
HOURS
WORKED ${ }^{1}$
ides "MANY STUDIES SHOW THAT FEMALE PHYSICIANS TEND TO SPEND MORE TIME WITH EACH PATIENT, AND THAT ...

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\begin{aligned}
& \text { MEANS PROBABLY LESS RVUS AND THEIR COMPENSATION } \\
& \text { WILL PROBABLY BE LESS." }{ }^{6}
\end{aligned}
$$



## Significant Differences Exist in the Patient Mix by Gender*1



## Gender Differences in the Pptient Visit ${ }^{1}$

## Patients

8)) Speak more

है Disclose more medical information

+ Make more positive statements

Report more participatory visits

Are more open with female physicians

## Female physicians

8)) Are more empathetic

Focus more on psychosocial question-asking and counseling

Are more patient-centered in their communications


> Spend more time with patients

## Female Physicians Compared to Male Physicians

Have more patient centered communication
More empathetic
Higher rate of Preventative Medicine
More guideline concordant

Work fewer hours per week
See fewer patients annually
Compensation is approx. 83 cents/dollar

## Patients Treated by Female Physicians May Have Better Outcomes ${ }^{1}$

## JAMA Internal Medicine \| Original Investigation

## Comparison of Hospital Mortality and Readmission Rates for Medicare Patients Treated by Male vs Female Physicians

Yusuke Tsugawa, MD, MPH, PhD; Anupam B. Jena, MD, PhD; Jose F. Figueroa, MD, MPH; E. John Orav, PhD; Daniel M. Blumenthal, MD, MBA; Ashish K. Jha, MD, MPH

IMPORTANCE Studies have found differences in practice patterns between male and female physicians, with female physicians more likely to adhere to clinical guidelines and evidence-based practice. However, whether patient outcomes differ between male and female physicians is largely unknown.

OBJECTIVE To determine whether mortality and readmission rates differ between patients treated by male or female physicians.

DESIGN, SETTING, AND PARTICIPANTS We analyzed a $20 \%$ random sample of Medicare fee-for-service beneficiaries 65 years or older hospitalized with a medical condition and treated by general internists from January 1, 2011, to December 31, 2014. We examined the association between physician sex and 30-day mortality and readmission rates, adjusted for patient and physician characteristics and hospital fixed effects (effectively comparing female and male physicians within the same hospital). As a sensitivity analysis, we examined only physicians focusing on hospital care (hospitalists), among whom patients are plausibly quasi-randomized to physicians based on the physician's specific work schedules. We also investigated whether differences in patient outcomes varied by specific condition or by underlying severity of illness.Editorial page 161Author Audio InterviewSupplemental contentCME Quiz at jamanetworkcme.com and CME Questions page 296


## Patients Treated by Female Physicians May Have Better Outcomes¹



## Cinderella Effect: Are Your Contributions Undervalued?



# Achieving Gender Equity in Physician Compensation and Career Advancement: A Position Paper of the American College of Physicians 

Renee Butkus, BA; Joshua Serchen, BA; Darilyn V. Moyer, MD; Sue S. Bornstein, MD; and Susan Thompson Hingle, MD; for the Health and Public Policy Committee of the American College of Physicians*

Women comprise more than one third of the active physician workforce, an estimated $46 \%$ of all physicians-in-training, and more than half of all medical students in the United States. Although progress has been made toward gender diversity in the physician workforce, disparities in compensation exist and inequities have contributed to a disproportionately low number of female physicians achieving academic advancement and serving in leadership positions. Women in medicine face other challenges, including a lack of mentors, discrimination, gender bias, cultural environment of the workplace, imposter syndrome, and
the need for better work-life integration. In this position paper the American College of Physicians summarizes the unique challenges female physicians face over the course of their careers and provides recommendations to improve gender equity and ensure that the full potential of female physicians is realized.

Ann Intern Med. doi:10.7326/M17-3438
Annals.org
For author affiliations, see end of text.
This article was published at Annals.org on 17 April 2018.
fessors, $15 \%$ of department chairs, and $16 \%$ of deans (6). This lack of female physicians in leadership positions has traditionally been believed to be a pipeline problem; however, because women have made up roughly half of medical student graduates for years, the svstematic oriains of this problem are becomina more

In 2015, more than one third (34\%) of the active physician workforce in the United States was female (1); an estimated $46 \%$ of all physicians-in-training and more than half of all medical students are women (2). Although women have made substantial progress in these areas, much remains to be done to improve eq-


## Achieving Gender Equity in Physician Compensation and

Renee Butkus, BA; Joshua Health and Public Policy C Women comprise more more than half of all medi though progress has been bities have contributed to female physicians achieving lenges, including a lack of $r$ attural enviromment ofth
"Although progress has been made

## College of

 toward gender diversity in the physician workforce, disparities in compensation exist and inequities have contributed to a disproportionately low number of female physicians achieving academic advancement and serving in leadership positions."1- American college of physicians 2018 position paper

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the course of their careers
improve gender equity and


## Gender Equity



## Gender Disparities in Academic Rheumatology




LEADERSHIP
ROLE
Division
Program
Director


## Gender Disparities in Academic Rheumatology



## NIH GRANTS



- CLINICAL TRIALS


"ACADEMIC MEDICINE BOASTS A WEALTH OF ACCOMPLISHED FEMALE PHYSICIANS, SCIENTISTS, AND EDUCATORS, BUT THEY ARE HITTING THE GLASS CEILING WHEN THEY TRY TO ADVANCE TO FULL PROFESSORS, DEPARTMENT CHAIRS, DEANS, AND HOSPITAL CHIEFS." ${ }^{1}$
- DARRELL G KIRCH, MD

PRESIDENT EMERITUS
AMERICAN ASSOCIATION OF MEDICAL COLLEGES


## Shifting Sands Brought by the Pandemic

COVID-19 PANDEMIC
Challenges Faced By Women In Academia ${ }^{1}$

## (i) ACADEMIC/PROFESSIONAL DEVELOPMENT SUFFERS

\$ LOSS OF FUNDING FOR GENDER EQUITY INITATIVES
FEWER COIL LABORATION INVHATIONS

厚번) LESS ABLE TO PARTICIPATE IN VIRTUAL CONFERENCES
(4) $\uparrow$ GRIEASED HOUSEHOLD/FAMILY DEMANDS
(1) UNEQUAL DIVISION OF FAMILY GARE AND HOUSEHOLD CHORES

## Watchout for Burnout



$$
\begin{aligned}
& \text { BURNOUT } \\
& \text { "A state of physical, } \\
& \text { emotional or mental } \\
& \text { exhaustion combined with } \\
& \text { doubts about your } \\
& \text { competence and the value } \\
& \text { of your work"1 }
\end{aligned}
$$

"...ANY PROGRESS THAT HAS BEEN MADE TOWARD CLOSING THE GENDER GAP IN ACADEMIC MEDICINE WILL NOT ONLY STALL BUT ULTIMATELY REGRESS AT A TIME WHEN IT IS PERHAPS NEEDED THE MOST." ${ }^{1}$

ACP Position Statement: Academic institutions should take steps to increase the number of women in practice, faculty, and leadership positions and structure equal access to opportunities, including:
a. Encouraging mentorship and sponsorship and providing training for faculty on how to be effective mentors and sponsors.
b. Coaching and development programs.
c. Flexibility in structuring career paths in academic medicine, health systems, and private practice and adopting flexible promotion and advancement criteria, including promotion tracks that reflect the wide range of responsibilities and unique contributions of female physicians.
d. Requiring the inclusion of female physicians as job candidates and members of search committees.
e. Ensuring diversity, including gender diversity, on all committees, councils, and boards through leadership development to ensure inclusion, comprehensiveness, and mechanisms for accountability.

## CHALLENGE

WOMEN ARE MORE APT TO COMPROMISE CAREER ADVANCEMENT FOR WORK-IFE BALANCE

PROVIDE SUPPORT FOR A POSITIVE WORT-1

FAMILY LEAVE AND FLEXIBLE WORK OPTIONS

AVAILABILITY OF CHILDCARE, ESP FOR SICK CHILDREN

LACTATION FACILITIES, LACTATION TIME

## Implicit Bias

"The attitudes or stereotypes that affect our understanding, actions, and decisions in an unconscious manner. Activated involuntarily, without awareness or intentional control. Can be either positive or negative. Everyone is susceptible." 1

## OVERCOME

TMPLICIT BIAS

Implicit bias and discrimination can affect both hiring and promotion


Women may lack an inclusive environment as well as a supportive network


Establish a welcoming environment

## schounaly Activities

## CHALLE

There are fewer opportunities for women tc participate in scholarly activities

## 'STRATEGI

Nar Support authorship
清 Support grant writing
Petition editors for balance in reviewers and authorship

## CHALLENGE

Women are less likely to get their first promotion as well as receive a requested raise

## STRATEGIES

Identifying mentors and sponsors
Set goals towards promotions

## CREATE A LEADERSHIP

## CHALLENGE

Women face ineffective paths to leadership commonly blocked by bias

STRATEGIES

## 28 SUPPORT PARTICIPATION IN ASSOCIATION MEETINGS <br> $:: .:$ PROVIDE INSTITUTIONAL LEADERSHIP <br> :": OPPORTUNITIES <br> CONDUCT SUCCESSION PLANNING TO PREPARE WOMEN FOR LEADERSHIP

# MEN CAN BE OUR MENTORS, SPONSORS, CHAMPIONS 



## Intersectionality

Race \& Ethnicity
Gender LGBTQIA+

## Women in Medicine-Rheumatology

## Building in Shifting Sand

 Leading the Way in Inclusion and DiversityThank you for participating!

## GENDER EQUITY SURVEY


https://survey.zohopublic.com/zs/5cbumd

## Thank you!


[^0]:    1. Canadian Medical Association. Https://Www.Cma.Ca/Physicians-specialty-province-age-and-sex-2000-present-0. Accessed May 5, 2021. 2. Widdifield J, Et Al. J Rheumatol. 2021. Doi:10.3899/Jrheum.201166.
