

Supplementary Online Content

Johnson HM, Irish W, Strassle PD, et al. Associations between career satisfaction, personal life factors, and work-life integration practices among US surgeons by gender. *JAMA Surg*. Published online June 24, 2020. doi:10.1001/jamasurg.2020.1332

eTable 1. Household and childcare responsibilities, by gender

eTable 2. Multivariable analysis of professional and personal factors associated with degree of career satisfaction among surgeons with children, by gender

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Household and childcare responsibilities, by gender^a

Characteristic	Men	Women	P value
Household chores			
Primarily responsible for meal preparation			<.001
Yourself	355 (12)	282 (46)	
Partner	1438 (47)	115 (19)	
Shared	1139 (37)	178 (29)	
Outsourced	114 (4)	44 (7)	
Primarily responsible for housekeeping			<.001
Yourself	161 (5)	149 (24)	
Partner	1050 (34)	33 (5)	
Shared	794 (26)	96 (15)	
Outsourced	1041 (34)	341 (55)	
Primarily responsible for yardwork			<.001
Yourself	786 (27)	65 (12)	
Partner	108 (4)	132 (24)	
Shared	496 (17)	68 (12)	
Outsourced	1485 (52)	294 (53)	
Childcare^b			
Type of childcare outside school			<.001
My home	2093 (74)	274 (65)	
Day care	369 (13)	86 (20)	
Pre- or post-school care	203 (7)	35 (8)	
Other	173 (6)	28 (7)	
Primary childcare provider			<.001
Spouse/partner	1945 (69)	86 (20)	
Employed person	718 (25)	289 (68)	
Family/friend	87 (3)	28 (7)	
Other	89 (3)	21 (5)	

^a Data are presented as scaled weighted frequencies and percent of responses for each survey item, owing to differential response rates for each item.

^b Among respondents with children only

eTable 2. Multivariable analysis of professional and personal factors associated with degree of career satisfaction among surgeons with children, by gender

Characteristic	Men		Women	
	OR (95% CI)	P value	OR (95% CI)	P value
Age (per year increase)	1.04 (1.03-1.06)	<.001	1.03 (0.99-1.06)	.11
Hours work/week (per unit increase)	1.00 (1.00-1.01)	.44	1.01 (0.99-1.02)	.48
<i>Practice type</i>				
Academic	1.00 (ref)	–	1.00 (ref)	–
Private	0.53 (0.41-0.70)	<.001	0.56 (0.33-0.95)	.03
Neither	0.46 (0.33-0.65)	<.001	0.57 (0.31-1.04)	.07
Practice location: Rural vs Urban	1.10 (0.74-1.64)	.64	1.19 (0.49-2.92)	.70
Subspecialty vs General Surgery	1.20 (0.93-1.55)	.15	1.14 (0.67-1.93)	.63
Lives with spouse/partner: Yes ^a vs No	1.13 (0.67-1.91)	.66	1.31 (0.67-2.59)	.43
Primarily responsible for at least one household chore: Yes vs No	0.84 (0.65-1.07)	.16	0.74 (0.45-1.23)	.24
<i>Interruption of personal life due to work is a problem</i>				
Strongly agree/Agree	0.51 (0.38-0.69)	<.001	0.54 (0.29-1.00)	.05
Neutral	1.00 (ref)	–	1.00 (ref)	–
Strongly disagree/disagree	1.49 (1.01-2.21)	.045	1.13 (0.48-2.64)	.78
<i>Work schedule leaves enough time for family life</i>				
Strongly agree/Agree	1.46 (1.03-2.05)	.03	1.08 (0.48-2.47)	.89
Neutral	1.00 (ref)	–	1.00 (ref)	–
Strongly disagree/disagree	0.70 (0.52-0.95)	.02	0.45 (0.23-0.87)	.02
3 or more children: Yes vs No	0.89 (0.71-1.11)	.30	1.31 (0.76-2.25)	.32
<i>Spouse/partner occupation</i>				
Physician/surgeon	1.14 (0.78-1.68)	.50	1.66 (0.75-3.67)	.22
Other occupation	1.18 (0.90-1.55)	.23	1.39 (0.69-2.83)	.36
Homemaker	1.00 (ref)	–	1.00 (ref)	–
<i>Primary childcare provider</i>				
Spouse/partner	1.00 (ref)	–	1.00 (ref)	–
Employed person	0.87 (0.64-1.19)	.39	1.43 (0.74-2.78)	.29
Family/friend	0.62 (0.34-1.13)	.12	1.55 (0.51-4.75)	.44
Other	0.77 (0.38-1.57)	.48	0.65 (0.20-2.09)	.47
<i>Satisfied with childcare arrangement</i>				
Strongly agree/Agree	1.12 (0.82-1.54)	.48	1.70 (1.00-2.91)	.051
Neutral	1.00 (ref)	–	1.00 (ref)	–
Strongly disagree/disagree	0.61 (0.41-0.91)	.01	0.92 (0.46-1.85)	.82
<i>Satisfied with division of parenting responsibilities</i>				
Strongly agree/Agree	1.73 (1.26-2.36)	.001	1.68 (0.93-3.04)	.08
Neutral	1.00 (ref)	–	1.00 (ref)	–
Strongly disagree/disagree	1.10 (0.75-1.60)	.62	1.03 (0.57-1.89)	.92

Abbreviations: OR=odds ratio, CI=confidence interval, ref=reference

^a With or without children