

Supplemental Online Content

Woitowich NC, Arora VM, Pendergrast T, Gottlieb M, Trueger NS, Jain S. Gender differences in physician use of social media for professional advancement. *JAMA Netw Open*. 2021;4(5):e219834. doi:10.1001/jamanetworkopen.2021.9834

eAppendix. Anonymous Social Media Survey

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

Anonymous Social Media Survey

Please complete the survey below.

Thank you!

If you wish to participate, please click "Yes" next to the I Agree text, and you will be taken to the survey.

If you do not wish to participate in this study, please select "No" or select "X" in the corner of your browser.

I agree:

- Yes
 No

What is your age?

Where are you from?

- United States
 Puerto Rico
 Canada
 Australia
 United Kingdom
 Central America
 South America
 Africa
 Asia
 Mexico
 Central America
 Other

Please specify:

Which state do you currently live in?

- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Oregon
- Pennsylvania
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- Utah
- Vermont
- Virginia
- Washington
- West Virginia
- Wisconsin
- Wyoming
- Washington DC

What is your race/ethnicity?

- White
- Black
- Asian
- American Indian/Native Alaskan
- Native Hawaiian
- Other
- Unknown
- I would prefer not to say

Please describe:

Do you identify as Hispanic/Latino?

- Yes
- No

How do you identify?

- Female
- Male
- Non-binary/third gender
- Prefer to self-describe
- Prefer not to say

Please specify:

Please select your relationship status:

- Single
- Married
- Partnered
- Divorced
- Other

Please describe:

What type of degree(s) do you hold?

- MD
- DO
- MBBS
- Other international medical doctorate
- Additional advanced degree

Please specify:

Please select the specialty you primarily practice in:

- Allergy and immunology
- Anesthesiology
- Aerospace medicine
- Cardiology
- Cardiothoracic surgery
- Child and adolescent psychiatry and psychotherapy
- Clinical neurophysiology
- Colon and Rectal Surgery
- Critical Care
- Dermatology
- Emergency medicine
- Endocrinology
- Family Medicine
- Gastroenterology
- General practice
- Geriatrics
- Obstetrics and gynaecology
- Health informatics
- Hospice and palliative medicine
- Infectious disease
- Internal medicine
- Internal medicine subspecialty not listed
- Interventional radiology
- Vascular medicine
- Nephrology
- Neurology
- Neurosurgery
- Nuclear medicine
- Occupational medicine
- Ophthalmology
- Orthodontics
- Orthopaedics
- Oral and maxillofacial surgery
- Otorhinolaryngology
- Pathology
- Pediatrics
- Pediatric cardiology
- Pediatric critical care
- Pediatric endocrinology and diabetes
- Pediatric gastroenterology, hepatology and nutrition
- Pediatric haematology and oncology
- Pediatric infectious diseases
- Pediatric Subspecialty not listed
- Neonatology
- Pediatric nephrology
- Pediatric respiratory medicine
- Paediatric rheumatology
- Pediatric surgery
- Physical medicine and rehabilitation
- reconstructive and aesthetic surgery
- Pulmonology
- Psychiatry
- Public Health
- Radiation Oncology
- Radiology
- Sports medicine
- Neuroradiology
- General surgery
- Surgical subspecialty not listed
- Urology
- Urogynecology
- Vascular surgery
- Other
- Medical Oncology
- Hematology
- Hematology/Oncology
- MedPeds

My specialty is:

Are you currently a medical student, resident, fellow, or other trainee?

- No
 Yes, I am a Medical Student
 Yes, I am a Resident
 Yes, I am a Fellow
 Yes, I am a Trainee (not listed)

Number of years in practice post-residency completed:

- 0-5
 5-10
 10-15
 15-20
 >20

Please select your primary work environment:

- Clinical care
 Research
 Education
 Administration (i.e. division chief, department chair, assistant dean, medical director)
 Industry
 Government or non-profit
 Other

Do you hold an academic faculty position?

- Yes
 No

Please select which applies to you:

- Tenure track
 Non-tenure track
 I Don't know

What is your current faculty rank?

- Assistant Professor
 Associate Professor
 Full Professor
 Clinical Instructor
 Other

Please specify:

Do you use any or all of your legal (given) name on social media?

- Yes, only on my personal social media accounts
 Yes, only on my professional social media accounts
 Yes, on my both personal and professional social media accounts
 No, I prefer to remain anonymous or use a pseudonym
 Other

Please specify:

Do you list your employer/institutional affiliation on your social media accounts?

- Yes, my clinical affiliation
 Yes, my academic affiliation
 Yes, both my clinical and academic affiliation
 Yes, something else
 No, none

Please specify:

Please indicate the amount of time you spend on social media per day:

	0-30 min	30-60 min	1-3 hrs	3-5 hrs	>5 hrs
Professional Use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal Use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Why do you use social media (please select all that apply):

- Building my professional network
 Building a support network among colleagues
 Learning about new research
 Learning about clinical topics
 Share my work
 Medical Education (eg creating blogs or podcasts)
 Other

Please share your other reasons for using social media:

Please describe the impact social media has on your...

	Negative impact	Slightly negative impact	No impact	Slightly positive impact	Positive impact
interaction with patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
interaction with colleagues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please indicate if you agree with the following statements:

Social media has...

	Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
...expanded or diversified my research portfolio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...increased my collaboration with individuals in different specialties	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...increased my collaboration with individuals at other institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...influenced my decision to pursue a new or different career trajectory/led to a career change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...helped me obtain a promotion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...improved my overall job satisfaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...directly led to a speaking opportunity or engagement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...resulted in a scholarship opportunity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

...increased my collaboration with individuals within my specialty

I generally think social media is a good thing for me as a medical professional

- Strongly Agree
- Agree
- Agree somewhat
- Neutral
- Disagree somewhat
- Disagree
- Strongly disagree

How do you use the following social media platforms?

	Personal Use Only	Professional Use Only	Professional and Personal use	I do not use this
Facebook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flickr	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instagram	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LinkedIn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Snapchat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tumblr	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Twitter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Youtube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doximity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blogs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reddit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Podcasts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are you a member of social media group specifically for physicians (e.g. facebook groups such as Physician Mom Group, Doctors on Social Media, Dual Physician Families)?

- Yes
- No
- Other
- Unsure
- Not applicable

Please specify other:

Are you a member of a social media group specific to your specialty/subspecialty?

- Yes
- No
- Other
- Unsure
- Not applicable

Please specify other:

Are you a member of a social media group specific to your gender?

- Yes
- No
- Other
- Unsure
- Not applicable

Please specify:

How do you share your social media contact information (e.g. blog URL, Twitter handle)?

- Email signature
- Business cards
- Lecture slides
- Other
- I don't use social media

Please specify:

I am concerned my use of social media can have negative impact on my...

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
...time management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...supervisors' or institutions' perceptions of me and my work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please note that the following questions contain content regarding sexual harassment.

Have you ever been personally targeted or attacked on social media?

- Yes
- No

If you desire, please provide more information about instances of personal targeting on social media:

Have you ever been sexually harassed on social media?

- Yes
- No

If you desire, please provide more information about the instances of harassment:

The following items are free-response.

Please describe how you think social media has had a positive impact on your overall life:

Please describe how you think social media has had a positive impact on your career:

Please describe how you think social media has had a negative impact on your overall life:

Please describe how you think social media has had a negative impact on your career:

What do you hope to get out of social media?

Where did you hear about this survey?

- Twitter
- Facebook
- Instagram
- LinkedIn
- Snapchat
- Doximity
- Podcasts
- Blogs
- Youtube
- Reddit
- Other

Please specify:
