

## SUPPLEMENTARY MATERIAL 1: MEDICAL STUDENT QUESTIONNAIRE

1. Please indicate your medical school year.
  - a. MS1
  - b. MS2
  - c. MS3
  - d. MS4
  - e. Gap Year
  - f. Other
2. Please indicate your age group.
  - a. <18
  - b. 18–24
  - c. 25–34
  - d. 35–44
  - e. 45–54
  - f. 55–64
  - g. >65
3. Please indicate your gender identity.
  - a. Male
  - b. Female
  - c. Non-binary
  - d. Other
  - e. Prefer not to say
4. Please indicate your ethnicity.
  - a. White/Caucasian
  - b. Hispanic/Latino
  - c. Black/African American
  - d. Asian
  - e. Native American
  - f. Other
  - g. Prefer not to say
5. Please indicate which medical school you attend.
  - a. Stanford University School of Medicine
  - b. UCSF School of Medicine
  - c. UCLA David Geffen School of Medicine
  - d. UC San Diego School of Medicine
  - e. USC Keck School of Medicine
  - f. UC Davis School of Medicine
  - g. UC Irvine School of Medicine
  - h. UC Riverside School of Medicine
  - i. Touro University California College of Osteopathic Medicine
  - j. Western University of Health Sciences—College of Osteopathic Medicine
  - k. California Northstate University College of Medicine
  - l. California University of Science and Medicine
  - m. Charles R. Drew University of Medicine and Science
  - n. Kaiser Permanente Tyson School of Medicine
  - o. Loma Linda University School of Medicine
  - p. California Health Sciences University College of Osteopathic Medicine
6. Since the COVID 19pPandemic started, have you experienced any of the following symptoms? (select all that apply)
  - a. Depressed mood
  - b. Sleep disturbance (insomnia/hypersomnia)
  - c. Decreased interest in activities
  - d. Guilt or worthlessness
  - e. Decreased energy
  - f. Concentration difficulties
  - g. Appetite disturbance or weight changes
  - h. Restlessness
  - i. More fatigue than usual
  - j. Irritability
  - k. Excessive worrying
  - l. None of the above
7. Please indicate your level of agreement with the following statement: I feel that my medical education has been negatively affected by the COVID-19 pandemic.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
8. Please indicate your level of agreement with the following statement: Lack of in-person communication has negatively affected my *clinical education*.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
9. Please indicate your level of agreement with the following statement: Lack of in-person communication has negatively affected my *communication skills*.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
10. Are you applying to residency in the 2020–2021 academic year? (please select one response.)
  - a. No → please proceed to question 12
  - b. Yes → please answer question 11
11. Please indicate your level of agreement with the following statement: I feel that the COVID-19 pandemic has negatively affected my chance of matching into my desired specialty.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
12. How satisfied are you with your medical education during the COVID-19 pandemic?
  - a. Very satisfied
  - b. Satisfied
  - c. Neutral
  - d. Not so satisfied
  - e. Not at all satisfied

13. How competent do you feel with the *clinical aspect* of the medical education you have received during the COVID-19 pandemic?
  - a. Very competent
  - b. Competent
  - c. Neutral
  - d. Partially competent
  - e. Not competent at all
14. How competent do you feel with the *knowledge aspect* of the medical education you have received during the COVID-19 pandemic?
  - a. Very competent
  - b. Competent
  - c. Neutral
  - d. Partially competent
  - e. Not competent at all
15. Please check all that apply (you may choose more than one)
  - a. My school suspended all on-campus activities for some time during the pandemic
  - b. My school adopted an electronic curriculum during the pandemic
  - c. I attended online classes for some time during the pandemic
  - d. I never attended online classes during the pandemic
  - e. I attended required clerkships online during the pandemic
  - f. I never attended any clerkships during the pandemic
  - g. My school utilized recorded lectures during the pandemic
  - h. My school utilized live online lectures during the pandemic
  - i. Required classes had exams during the pandemic
  - j. Required clerkships had exams during the pandemic
  - k. I have experienced increased fatigue with the use of online platforms used for lectures and meetings
  - l. The online curriculum is of EQUAL quality when compared to the curriculum before the COVID-19 pandemic
  - m. The online curriculum is of LOWER quality when compared to the curriculum before the COVID-19 pandemic
  - n. The online curriculum is of BETTER quality when compared to the curriculum before the COVID-19 pandemic
  - o. None of the above
16. Please pick one of the following.
  - a. The online curriculum provided by my school during the pandemic has *significantly enhanced* my education
  - b. The online curriculum provided by my school during the pandemic has *partially enhanced* my education
  - c. The online curriculum provided by my school during the pandemic has *not enhanced* my education and needs to be updated
17. Please check all that apply (you may choose more than one)
  - a. I have had difficulty accessing a computer for online learning during the COVID-19 pandemic
  - b. I have had difficulty accessing WIFI for online learning during the COVID-19 pandemic
  - c. I have had difficulty establishing transportation to gain access to a computer or WIFI for online learning during the COVID-19 pandemic
  - d. Difficulties associated with gaining access to equipment needed for online learning during the COVID-19 pandemic has *significantly affected* my mental health
  - e. Difficulties associated with gaining access to equipment needed for online learning during the COVID-19 pandemic has *partially affected* my mental health
  - f. Difficulties associated with gaining access to equipment needed for online learning during the COVID-19 pandemic has *not affected* my mental health
  - g. I've had financial losses associated with the COVID-19 pandemic that have affected my ability to gain access to online learning
  - h. None of the above
18. If you have returned to clinical clerkships, how long were you physically off clinical rotations and only using online learning modalities during the pandemic?
  - a. 1 month
  - b. 2 months
  - c. 3 months
  - d. 4 months
  - e. 5 months
  - f. 6 months
  - g. >6 months

## SUPPLEMENTAL MATERIAL 2: MEDICAL FACULTY QUESTIONNAIRE

1. Please indicate your title.
  - a. MD
  - b. DO
  - c. PhD
  - d. MD/PhD
  - e. DO/PhD
  - f. Other
2. Please indicate your age group.
  - a. < 18
  - b. 18–24
  - c. 25–34
  - d. 35–44
  - e. 45–54
  - f. 55–64
  - g. >65
3. Please indicate your gender identity.
  - a. Male
  - b. Female
  - c. Non-binary
  - d. Other
  - e. Prefer not to say

4. Please indicate your ethnicity.
  - a. White/Caucasian
  - b. Hispanic/Latino
  - c. Black/African American
  - d. Asian
  - e. Native American
  - f. Other
  - g. Prefer not to say
5. Please indicate which medical school(s) you serve as faculty.
  - a. Stanford University School of Medicine
  - b. UCSF School of Medicine
  - c. UCLA David Geffen School of Medicine
  - d. UC San Diego School of Medicine
  - e. USC Keck School of Medicine
  - f. UC Davis School of Medicine
  - g. UC Irvine School of Medicine
  - h. UC Riverside School of Medicine
  - i. Touro University California College of Osteopathic Medicine
  - j. Western University of Health Sciences—College of Osteopathic Medicine
  - k. California Northstate University College of Medicine
  - l. California University of Science and Medicine
  - m. Charles R. Drew University of Medicine and Science
  - n. Kaiser Permanente Tyson School of Medicine
  - o. Loma Linda University School of Medicine
  - p. California Health Sciences University College of Osteopathic Medicine
6. Please indicate the number of years in clinical practice after residency.
  - a. 1–5 years
  - b. 6–10 years
  - c. 11–20 years
  - d. >20 years
7. Since the COVID 19 pandemic started, have you experienced any of the following symptoms? (select all that apply)
  - a. Depressed mood
  - b. Sleep disturbance (insomnia/hypersomnia)
  - c. Decreased interest in activities
  - d. Guilt or worthlessness
  - e. Decreased energy
  - f. Concentration difficulties
  - g. Appetite disturbance or weight changes
  - h. Restlessness
  - i. More fatigue than usual
  - j. Irritability
  - k. Excessive worrying
  - l. None of the above
8. Please indicate your level of agreement with the following statement: I feel that medical education at my institution has been negatively affected by the COVID-19 pandemic.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
9. Please indicate your level of agreement with the following statement: Lack of in-person communication has negatively affected clinical education at my medical institution.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
10. Please indicate your level of agreement with the following statement: Lack of in-person communication has negatively affected the communication skills of medical students at my institution.
  - a. Strongly agree
  - b. Somewhat agree
  - c. Neither agree nor disagree
  - d. Somewhat disagree
  - e. Strongly disagree
11. How satisfied are you with medical education during the COVID-19 pandemic?
  - a. Very satisfied
  - b. Satisfied
  - c. Neutral
  - d. Not so satisfied
  - e. Not at all satisfied
12. How competent do you feel medical students are with the clinical aspect of medical education they have received during the COVID-19 pandemic?
  - a. Very competent
  - b. Competent
  - c. Neutral
  - d. Partially competent
  - e. Not competent at all
13. How competent do you feel medical students are with the knowledge aspect of the medical education they have received during the COVID-19 pandemic?
  - a. Very competent
  - b. Competent
  - c. Neutral
  - d. Partially competent
  - e. Not competent at all
14. Please check all that apply (you may choose more than one)
  - a. My institution suspended all on campus activities for some time during the pandemic
  - b. My institution adopted an electronic curriculum during the pandemic
  - c. I had to hold online classes for some time during the pandemic
  - d. I am not holding any online classes
  - e. I had to hold required clerkships online for some time during the pandemic
  - f. I am not involved in any clerkships
  - g. My school utilized recorded lectures for some time during the pandemic

- h. My school utilized live online lectures for some time during the pandemic
  - i. My school is still utilizing only online lectures and clerkships
  - j. My school is no longer utilizing online lectures and clerkships
  - k. Required classes have exams
  - l. Required clerkships have exams
  - m. I have experienced increased fatigue with the use of online platforms used for lectures and meetings
  - n. The online curriculum is of EQUAL quality when compared to the curriculum before the COVID-19 pandemic
  - o. The online curriculum is of LOWER quality when compared to the curriculum before the COVID-19 pandemic
  - p. The online curriculum is of BETTER quality when compared to the curriculum before the COVID-19 pandemic
  - q. None of the above
15. Please check all that apply (you may choose more than one)
- a. I have had difficulty accessing a computer for online teaching during the COVID-19 pandemic
  - b. I have had difficulty accessing WIFI for online teaching during the COVID-19 pandemic
  - c. I have had difficulty establishing transportation to gain access to a computer or WIFI for online teaching during the COVID-19 pandemic
  - d. Difficulties associated with gaining access to equipment needed for online teaching during the COVID-19 pandemic has *significantly affected* my mental health
  - e. Difficulties associated with gaining access to equipment needed for online teaching during the COVID-19 pandemic has *partially affected* my mental health
  - f. Difficulties associated with gaining access to equipment needed for online teaching during the COVID-19 pandemic has *not affected* my mental health
  - g. I've had financial losses associated with the COVID-19 pandemic that have affected my ability to provide online teaching
  - h. None of the above