Submission Number: EB-21-00522

Appendixes
Appendix A: Survey questionnaire

Consent to Participate

This survey is conducted by a research team at Chaminade University of Honolulu. The purpose of this research study is to examine the general public’s knowledge of COVID-19 and how confident people are about their knowledge. You will be answering questions regarding the facts and your attitude toward COVID-19 and some demographic questions, including age, gender, ethnicity, education, marital status, residential zip code, and annual income. You must be 18 years old or above and currently living in the United States to participate in this survey.

This survey takes no more than 5 minutes of your time today. You will receive $0.10 for your participation. You will receive a $0.10 bonus if you complete this survey and answer the check question correctly. You can skip any questions or withdraw at any time. If you skip questions or withdraw, you will still be paid $0.10 for your participation, but you will not receive any bonus. You may earn another $0.20 if you answer certain questions correctly, and more instructions are provided in the survey. This survey contains one check question (a commonsense question) to make sure that you are paying attention to this task. If you fail the check question, your HIT task will be rejected, and you will not be paid. Your payment will be processed within 7 days.

All your answers will remain confidential and will be used for research purposes only. If you have any questions or concerns about this study, please contact Dr. Guanlin Gao at (808) 739-4609 or guanlin.gao@chaminade.edu. You can also contact Dr. Claire Wright at (808) 739-8343 or claire.wright@chaminade.edu if you wish to talk to someone who is not part of this research team for questions about your rights in this study.

To verify your qualification to participate in this survey, please answer the following two questions:

Are you 18 years old or above?
___ No
___ Yes.

Are you currently living in the United States?
___ No
___ Yes.
Part I: Knowledge and perceived knowledge level

1. A person who has no symptoms of COVID-19 is not a risk to others.
   A. True
   B. False

2. Young adults of ages 18-35 in the US can get infected with COVID-19 and get sick, but there are no reported COVID-19 deaths of people in this age group.
   A. True
   B. False

3. Wearing a face mask is an effective protection against COVID-19.
   A. True
   B. False

4. When experts talk about flattening the curve, what does that mean?
   A. It’s an axiom that means follow the evidence, rather than trust appearances, such as the earth appearing flat when it is actually round
   B. It means to slow the spread of a virus to reduce the peak number of cases and related demands on hospitals and infrastructure
   C. It means to arrive at the point in the pandemic when the number of daily deaths due to COVID-19 are flat

5. How is COVID-19 passed on?
   A. Through droplets that come from your mouth and nose when you cough or breathe out
   B. In sexual fluids, including semen, vaginal fluids or anal mucous
   C. By drinking unclean water
   D. All of the above

6. What are the common symptoms of COVID-19?
   A. A new and continuous cough
   B. Fever
   C. Tiredness
   D. All of the above

7. Can you always tell if someone has COVID-19?
   A. No – not everyone with COVID-19 has symptoms
   B. Yes – it will be obvious, a person with COVID-19 coughs a lot
   C. Yes – by taking one’s temperature. Those whose temperature is above 98.6 are suspected to have COVID-19
   D. Yes – people with COVID-19 cough often and have fever

8. Can washing your hands protect you from COVID-19?
   A. Yes – but only if you use a strong bleach
   B. Yes – normal soap and water or hand sanitizer is enough
   C. No – washing your hands doesn’t stop COVID-19

9. Which group(s) of people is/are COVID-19 more dangerous for?
   A. Children
   B. Older people (aged 70 and above) and people with certain underlying health conditions
   C. People of certain race
   D. All of the above

10. What is the overall death rate of COVID-19 in the US?
A. Less than 1%
B. 1%-3.99%
C. 4%-6.99%
D. 7%-9.99%
E. 10% or more

11. How many of the previous questions do you think you have answered correctly? You will receive an additional 10 cents if you answer this question correctly.

12. How many of the previous questions do you think an average person can answer correctly? You will receive an additional 10 cents if you answer this question correctly.

13. (Attention check) Who is the current president of the United States?
   A. Donald Trump
   B. Kobe Bryant
   C. Kim Kardashian
   D. Oprah Winfrey

Part II: Behaviors

1. Have you been practicing social distancing in the past two weeks?
   A. No at all
   B. Rarely
   C. Sometimes
   D. Most of the time
   E. All the time
   F. I prefer not to answer this question.

2. Have you been wearing masks in public in the past two weeks?
   A. No at all
   B. Rarely
   C. Sometimes
   D. Most of the time
   E. All the time
   F. I prefer not to answer this question.

3. Have you been washing your hands and sanitizing frequently in the past two weeks?
   A. No at all
   B. Rarely
   C. Sometimes
   D. Most of the time
   E. All the time
   F. I prefer not to answer this question.
Part III: Demographic questions

1. How old are you?
2. What is your gender:
   A. Female
   B. Male
   C. Transgender
   D. Non-binary
3. What is your marital status?
   A. Single
   B. Married
   C. Separated
   D. Divorced
   E. Widowed
4. What is your ethnicity:
   A. American Indian or Alaska Native
   B. Asian
   C. Black or African American
   D. Hispanic or Latino
   E. Native Hawaiian or Other Pacific Islander
   F. White
   G. Some other race or origin. Please specify: _______
5. What is your education level?
   A. Less than high school degree
   B. High school degree or equivalent
   C. Some college but no degree
   D. Associate degree
   E. Bachelor’s degree
   F. Graduate degree
6. What is your household’s annual income?
   A. $24,999 or less
   B. $25,000-$49,999
   C. $50,000-$74,999
   D. $75,000-$99,999
   E. $100,000 or above
Appendix B: Wilcoxon rank-sum test results for pairwise comparisons

<table>
<thead>
<tr>
<th></th>
<th>Low vs. Medium</th>
<th>Low vs. High</th>
<th>Medium vs. High</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overconfidence and knowledge</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Absolute confidence</td>
<td>10.950 ***</td>
<td>14.514 ***</td>
<td>8.595 ***</td>
</tr>
<tr>
<td>Relative confidence</td>
<td>12.937 ***</td>
<td>15.077 ***</td>
<td>7.048 ***</td>
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<tr>
<td><strong>Behavior and knowledge</strong></td>
<td></td>
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<td></td>
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<tr>
<td>Social distancing</td>
<td>-3.167***</td>
<td>-7.131***</td>
<td>-3.167***</td>
</tr>
<tr>
<td>Mask-wearing</td>
<td>-4.755***</td>
<td>-7.470***</td>
<td>-3.215***</td>
</tr>
<tr>
<td>Handwashing</td>
<td>-4.364***</td>
<td>-6.132**</td>
<td>-2.304***</td>
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</tbody>
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Note: *** p<0.01, ** p<0.05, * p<0.1.