**Checklist for AAPOR TI**

**Survey:** Pennsylvania Pre-election poll

<table>
<thead>
<tr>
<th>Disclosure Elements</th>
<th>Answers</th>
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<tbody>
<tr>
<td>1. Who sponsored the TI Research and who conducted it. If different from the sponsor, the original sources of funding will also be disclosed.</td>
<td>Emerson College</td>
</tr>
<tr>
<td>2. The exact wording and presentation of questions and response options whose results are reported. This includes preceding interviewer or respondent instructions and any preceding questions that might reasonably be expected to influence responses to the reported results.</td>
<td>See Below</td>
</tr>
<tr>
<td>3. A definition of the population under study and its geographic location.</td>
<td>Likely Voters in Pennsylvania</td>
</tr>
<tr>
<td>4. Dates of data collection.</td>
<td>August 8-10, 2020</td>
</tr>
<tr>
<td>5. A description of the sampling frame(s) and its coverage of the target population, including mention of any segment of the target population that is not covered by the design. This may include, for example, exclusion of Alaska and Hawaii in U.S. surveys; exclusion of specific provinces or rural areas in international surveys; and exclusion of non-panel members in panel surveys. If possible the estimated size of non-covered segments will be provided. If a size estimate cannot be provided, this will be explained. If no frame or list was utilized, this will be indicated.</td>
<td>Aristotle voter file of 54 million registered voters with landlines, and a random sample of 15,000 drawn. Voters with only cellphones were not included. The online sample was of 348 registered voters supplied by Amazon Turk</td>
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<tr>
<td>6. The name of the sample supplier, if the sampling frame and/or the sample itself was provided by a third party.</td>
<td>Aristotle, LLC</td>
</tr>
<tr>
<td>7. The methods used to recruit the panel or participants, if the sample was drawn from a pre-recruited panel or pool of respondents.</td>
<td>MTurk uses opt in panels and not online ads to recruit participants</td>
</tr>
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<td>8. A description of the sample design, giving a clear indication of the method by which the respondents were selected, recruited, intercepted or otherwise contacted or encountered, along with any eligibility requirements and/or oversampling. If quotas were used, the variables defining the quotas will be reported. If a within-household selection procedure was used, this will be described. The description of the sampling frame and sample design will include sufficient detail to determine whether the respondents were selected using probability or non-probability methods.</td>
<td>See #5</td>
</tr>
<tr>
<td>9. Method(s) and mode(s) used to administer the survey (e.g., CATI, CAPI, ACASI, IVR, mail survey, web survey) and the language(s) offered.</td>
<td>IVR and Online</td>
</tr>
</tbody>
</table>
10. Sample sizes (by sampling frame if more than one was used) and a discussion of the precision of the findings. For probability samples, the estimates of sampling error will be reported, and the discussion will state whether or not the reported margins of sampling error or statistical analyses have been adjusted for the design effect due to weighting, clustering, or other factors. Disclosure requirements for non-probability samples are different because the precision of estimates from such samples is a model-based measure (rather than the average deviation from the population value over all possible samples). Reports of non-probability samples will only provide measures of precision if they are accompanied by a detailed description of how the underlying model was specified, its assumptions validated and the measure(s) calculated. To avoid confusion, it is best to avoid using the term “margin of error” or “margin of sampling error” in conjunction with non-probability samples.

<table>
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<tr>
<th>The sample consisted of registered voters, n=843, with a Credibility Interval (CI) similar to a poll’s margin of error (MOE) of +/- 3.4% percentage points. A screening question was asked if the voter was registered and the voting intention. If the respondent said they were not registered or were not voting, they were eliminated from the sample.</th>
</tr>
</thead>
</table>

11. A description of how the weights were calculated, including the variables used and the sources of weighting parameters, if weighted estimates are reported.

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<tr>
<th>The data was weighted by gender, age, education, party affiliation, race and region based on 2016 voter turnout modeling. 2016 vote magnitude was used but new voters were included based on their actual sample (8.6%) and was based on Aristotle Voter turnout modeling.</th>
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</table>

12. If the results reported are based on multiple samples or multiple modes, the preceding items will be disclosed for each. **Reviewer: Type NA if not applicable.**

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13. Contact for obtaining more information about the study.

| emersonpolling@emerson.edu |
Survey Instrument

1. To start, can you please tell me your gender?
   Male
   Female

2. Do you approve or disapprove of the job Donald Trump is doing as President?
   Approve
   Disapprove
   Neutral or no opinion

3. Do you approve or disapprove of the job Tom Wolf is doing as Governor?
   Approve
   Disapprove
   Neutral or no opinion

4. What is your party registration?
   Not registered to vote (end)
   Democrat
   Republican
   Independent/other

5. When it comes to voting in this year’s election, which of the following best describes your intention?
   I do not plan to vote in the election (end)
   Not sure how I will vote
   Vote in Person
   Vote by mail

6. If the Presidential Election were held today, would you vote for Donald Trump or Joe Biden?
   Donald Trump (go to 8)
   Joe Biden (go to 8)
   Undecided

7. Which candidate are you leaning towards at this time?
   Donald Trump
   Joe Biden

8. If the General Election for U.S. Congress were being held today, for whom would you vote or lean towards voting in the district where you live?
   Democratic Party Candidate
   Republican Party Candidate
   Unsure
9. Who did you vote for in the 2016 election?
Donald Trump
Hillary Clinton
Someone else
Did not vote

10. For statistical purposes only, can you please tell me your ethnicity?
Hispanic or Latino of any race
White or Caucasian
Black or African American
Asian
Other or multiple races

11. What is your age range?
18-29 years
30-49 years
50-64 years
65 or more years

12. What is the highest level of education you have attained?
High school or less
Some college
College graduate
Postgrad or higher

13. Please select the type of area where you live
Urban/city
Suburban
Rural

14. Would you support or oppose a national mandate for all individuals to wear masks in public where social distancing is not possible?
Support
Oppose
Unsafe or no opinion

15. In your opinion, should K-12 schools open in person considering the coronavirus epidemic?
Yes
No
Unsafe
16. Do you think that learning online is equivalent to, better than, or worse than learning in person for students aged K-12?
Learning online is equal to learning in person
Learning online is better than learning in person
Learning online is worse than learning in person

17. Should President Trump require that all K-12 schools in the country hold classes online in the fall?
Yes
No
Unsure

18. Has the COVID-19 Pandemic made you more or less likely to vote for President Trump?
More likely
Less likely
No difference

19. Do you trust political polling more or less than you did in 2016?
More
Less
No difference

20. Are you better or worse off financially today than you were 4 years ago?
Better off
Worse off
About the same

21. Generally speaking, when it comes to leadership would you say women generally have a better approach, or men generally have a better approach?
Women have a better approach
Men have a better approach
Unsure

22. Would you ride in a driverless car?
Yes
No

23. What congressional district do you live in? (map)
1st district: Rep. Brian Fitzpatrick (R)
2nd district: Rep. Brendan Boyle (D)
3rd district: Rep. Dwight Evans (D)
4th district: Rep. Madeleine Dean (D)
5th district: Rep. Mary Gay Scanlon (D)
6th district: Rep. Chrissy Houlahan (D)
7th district: Rep. Susan Wild (D)
8th district: Rep. Matt Cartwright (D)
9th district: Rep. Dan Meuser (R)
10th district: Rep. Scott Perry (R)
11th district: Rep. Lloyd Smucker (R)
12th district: Rep. Fred Keller (R)
13th district: Rep. John Joyce (R)
14th district: Rep. Guy Reschenthaler (R)
15th district: Rep. Glenn Thompson (R)
16th district: Rep. Mike Kelly (R)
17th district: Rep. Conor Lamb (D)
18th district: Rep. Mike Doyle (D)