I. Creating Clicker Slides in *TurningPoint*

Let’s assume you have some questions ready for your clicker presentation. Here we describe the steps to create your question slides. First, double-click the *TurningPoint Cloud* icon to launch the software and open the *TurningPoint Cloud Dashboard*.

To begin creating clicker slides, open PowerPoint Polling by clicking anywhere in the *PowerPoint Polling* rectangle (highlighted in the box above). PowerPoint will open. If necessary, click the *TurningPoint Cloud* tab in this screen to see the *TurningPoint* Toolbar.
In the next few pages we will see how to create clicker slides with objective questions (Multiple Choice, True-False, Likert, etc) and questions requiring text (e.g., fill-in-the-blank) responses or numeric (calculated) responses. As with the creation of any good PowerPoint presentation, follow principles of good slide construction and universal accessibility in producing your slides:

- Write short, compact sentences and phrases.
- Use the largest possible *sans serif* fonts for your text, preferably size 18 or higher. Depending on the number of choices in your question, you can make the bar graph larger or smaller, and you can position it anywhere on the slide to accommodate larger text.
- To avoid cluttering clicker question slides, and for greater clarity, consider placing images or links to videos or animations (e.g., one produced in PowerPoint), on the slide *before* the clicker question slide. Beyond being an effective strategy, this will avoid potential interference of the video or animation with the proper display of the clicker slide features you have selected.

A. **Create a Multiple Choice (or Other Objective) Question.**

1. You can insert clicker question slides anywhere in a new or pre-existing PowerPoint presentation. Simply place your cursor on the slide after which you want to place the clicker slide and click *Insert Slide* to add a new slide (circled below) in the *TurningPoint* Cloud toolbar and see the dropdown menu shown below:
2. Select the question type (Multiple Choice is circled in the example above). You will see the newly created ‘clicker slide’:

If necessary, click the drop-down arrows to see the options under Polling and Scoring.

3. Type your question into the Enter Question Text box and type your response choices into the Enter Answer Text box (click the enter/return key between choices).

4. The responses will be bullet-numbered automatically; when you are done, just click on the bar graph and your answer text options will appear.
5. You can select either the TPC **Objects** Pane or **Slide** Pane to the right of your slide. If necessary, select **Slide** to see the **Slide** Pane. The **Question**, **Polling** and **Scoring** Options may already be expanded, if not click on the dropdown menu next to them to open these options. Enter the **point value** for the correct and incorrect responses to your clicker question and indicate which response is the **correct** one. Selecting the **correct** response automatically makes the remaining choices incorrect.
   a. **Best practice** is to award credit for participation, so correct and incorrect responses each receive 1 point in this example.
   b. It is possible to award differential points for correct and incorrect responses (e.g., 1 vs. 0 or 2 vs. 1 point). But in general, using clickers for quizzing is not advisable unless you are confident in your and your students’ use of the technology.
   c. Other options in this panel include the ability to control when students can actually answer your questions (open polling), some gaming options and others. Please contact CETL for more information on using these options.

6. You can now place a checkmark or other icon next to the correct response, to appear during the presentation only after the bar graph of student responses.
   a. Click on **Objects** (circled below) in the **TurningPoint** toolbar.
   b. Select **Correct Answer Indicator** and from the secondary dropdown box, select your choice of icons for a correct answer (**Checkmark** was chosen for this example).
7. The next side will display your correct answer indicator:

![Bar graph question]

8. When presenting, the bar graph will appear first after you close polling. The correct answer indicator will only appear upon the next click.

9. Repeat steps above for each clicker question you want to ask.