



## **2016 Guidelines for Submission of Posters NABT Four-Year College Section**

### **Student Poster Competition – Scholarship of Teaching and Learning**

Graduate and undergraduate students who enter the competition must meet all the general guidelines for poster submissions as described in the [Call for Posters - Scholarship of Teaching and Learning](#). Additional requirements for the poster competition are outlined below.

A volunteer panel will judge the posters based on these guidelines and the rubric criteria on the following page.

- The presentation must focus on research that enhances the teaching and/or learning of biology.
- All research involving human subjects must be approved by the IRB of the appropriate institution.
- The lead author must be a student on multi-author posters and must be present for the competition.
- The poster must include a citation list.
- Posters should not exceed a maximum width of 48 inches (1.2 meters). This poster height is recommended for convenient visualization and display.
- One 8.5 inch x 11 inch copy of the poster is to be submitted to each of three judges. You may want to bring more copies for interested persons who visit your poster.
- Posters are to be hung at least one hour prior to the opening of the public session and must remain posted as specified in the acceptance letter.
- Presenters must be available to meet with judges at their poster during the judging period.
- Posters will be judged based on the criteria in the scoring rubric on the next page.

The students who place 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> in the competition will be awarded cash prizes (\$200, \$100, and \$50 respectively) along with a one-year student membership to NABT (all courtesy of NABT) at the Four-Year Section Meeting.

## NABT Poster Rubric – Scholarship of Teaching & Learning

**Presenter Name:**

Poster Format		0	1	2	3
1	The poster is well organized, visually appealing, and easy to follow.				
2	The text uses proper grammar.				
3	Figures and tables are appropriate, easy to understand, with captions/titles.				
4	Citations are correct; the References are complete, using APA format.				
5	The poster meets additional criteria from the NABT website (appropriate size, hard copies for judges, posted on time, author availability, etc.)				
Poster Content		0	1	2	3
6	The title is specific and informative.				
7	The research is based on a clear theoretical framework.				
8	The abstract is included and states the research question(s), purpose, methods, results, conclusions, and implementations, as applicable.				
9	There is a clear purpose statement or hypothesis related to biology education research.				
10	The science education methodology (qualitative, quantitative, or mixed methods) is clearly and completely explained.				
11	Methods are appropriate for the question explored.				
12	Data collection instruments and/or protocols are completely described.				
13	The science education findings are thoroughly explained.				
14	The conclusions drawn are reasonable based on the supportive evidence.				
15	The conclusions provide insight into the teaching and/or the learning of biology.				
16	The poster stimulates thinking.				
17	The poster suggests future educational research.				
Presenter		0	1	2	3
18	The presenter is confident and professional.				
19	The presenter is knowledgeable about the information in the poster.				
20	The presenter answered questions appropriately.				
<b>Total Score</b>					

*0 = Missing, 1 = Acceptable, 2 = Good, 3 = Excellent*

Comments: