Student Research Poster Presentation Competition at

American Dental Hygienists' Association's 2019 Annual Conference in **Louisville, KY** at the **Kentucky International Convention Center**.

The Research Poster Presentations give students the opportunity to show off the original research that they have done during their undergraduate career. This is a competition and will be both judged and scored. First, second and third place will be awarded, in addition to an honorable mention.

All applications must be received by <u>April 19, 2019</u>. Space is limited and subject to a first come, first served basis.

<u>Requirements</u>

Presenters are required to be present at all three related events at ADHA's Annual Conference:

- The competition on Thursday, June 20 from 4:00 – 6:00 p.m.
- The Student Awards Brunch on Friday, June 21 from 9:30 – 10:30 a.m.
- The Open Viewing of Poster Presentations Session on Friday, June 21 from 12:00 – 2:00 p.m.

Competitors are required to wear professional, business attire to all related events (slacks, skirts, blazers, etc.)

Research Poster Sessions

What is a Research Poster Session?

A **Research Poster** is a presentation of an original research study. Posters incorporate visual media and original data that reflect an area of ADHA's National Dental Hygiene Research Agenda.

During the competition, student presenters will have ten minutes with each judge, seven minutes to formally present the elements of their poster and two to three minutes to answer questions. At the Poster Presentation Session, presenters will have the opportunity to discuss their poster with attendees at ADHA's Annual Conference.

Below are the objectives for each Research Poster and its presenters:

1. Clearly define the purpose for the research study.
2. Identify and outline the research methodology
   a. Design: survey, focus groups, etc.
   b. Quantitative v. qualitative.
   c. Procedures: describe intervention and control if experimental.
   d. Sampling: random, snowball, sample size, demographics, etc.
   e. Statistical tests employed.
3. Describe the results, including statistical data analysis. Should include percentages, and/or p- values, etc.
4. Clearly state how the conclusions or findings are supported by the results of the research.
5. Prepare and practice your oral presentation with friends and colleagues. Ask for constructive criticism.
6. Be prepared for questions and discussion.

Research Poster Sessions – *continued*

Below is the required structure for each Research Poster:

1. <u>Title</u> (clear, scientific, concise and relates to topic)
    - Ex.: "Evaluation of Resources for an Interactive Infection Control Instructional Program"
    - "Point-of-Care HbA1c Screening Predicts Diabetic Status of Dental Patients"
2. <u>Problem</u>
    - Ex.: "The number of caries in children and adolescents is an oral health crisis…"
    - Ex.: "Access to care is a global issue…"
3. <u>Objectives</u>
    - The objective should be clear and concise.
    - Studies with more than one objective should differentiate primary versus secondary.
4. <u>Methodology and Statistics</u>
    - Study design needs to be clearly stated such as cross-sectional study, randomized controlled study, split-mouth design, survey, etc.
    - Be specific on subject criteria, number of subjects included, whether it was a convenience sample or if subjects were screened and randomized into groups.
    - Describe intervention, survey, test product and control where appropriate.
5. <u>Results</u>
    - Provide numerical data that clearly communicates the findings in the study.
    - Include differences from baseline and between groups as needed
    - Clearly state the significance by providing p-value, percentages, and/or other statistical findings appropriate for study design.
6. <u>Conclusions</u>
    - Make sure conclusions clearly relate to the objective of the study.
    - Avoid adding superfluous or anecdotal information.

Examples of Past Research Posters:

Rules and Regulations for Research Poster Sessions

1. All presenters must be student members of ADHA at the time of the application deadline to participate in the Undergraduate Student Research Competition during ADHA's 2019 Annual Conference.
2. The poster application fee is included in the student registration fee for ADHA's 2019 Annual Conference.
3. Up to four presenters are allowed for each research poster presentation.
4. Presenters must have been directly involved in conducting the research study presented.
5. Professional attire is required. Please keep in mind that presenters will be standing during the entire judging process. Comfortable shoes are recommended.
6. Displaying a dental hygiene program name or name tag during judging is strictly prohibited. Be sure to turn you name tag around during the judging process. Those who do not comply will be disqualified.
7. Names may be displayed on the poster itself but must be covered up with non-transparent tape prior to and during the judging period.
8. Presentations must not exceed seven minutes. A two to three-minute question and answer portion will follow after concluding the presentation.
9. Advertising matter, commercial promotion and solicitation of sales of any type are prohibited.
10. Drugs names are allowed to be identified by their trade, commercial or product name. However, drug names must be referenced by their generic name or chemical makeup following the initial statement of the trade, commercial or product name.
11. Presenters must supply all materials, except the billboard.
12. Charts, posters and diagrams must be constrained to the size of the billboard provided (4' x 8'), and in landscape layout.
13. Research poster sessions will be judged by three randomly assigned judges.

Failure to comply with these rules and regulations will disqualify the poster from active competition and it will not be judged.

Questions?

If you intended to present as an Informative Poster and wish to change your presentation type **OR** if you have any questions about the rules and regulations for a Research Poster, please contact:

Tyler Dempsay, ADHA Research Coordinator

Email: tylerd@adha.net

Please use the link to the submission form below to input your information and submit your application. Registration will open in January 2019!

Click here to apply today!