



PERMIAN BASIN WATER IN ENERGY CONFERENCE

STUDENT POSTER COMPETITION

OVERVIEW

The Permian Basin Water In Energy Conference (PBWIEC) includes an annual student poster competition! The PBWIEC begins Tuesday, February 22, 2022, with an evening welcome reception, and then runs February 23 -24, 2022 at the Midland County Horseshoe Arena. **Posters will be judged by a panel on Wednesday, February 23. Winners will be announced, and scholarship award checks presented, on the morning of Thursday, February 24.**

The Permian Basin Water In Energy Conference facilitates collaboration and innovative strategy development for the improved use, recovery, and recycling of water in the oil industry. The annual conference connects industry leaders, researchers, and working professionals to exchange best practices and cutting-edge approaches for water management in oil and gas production. The PBWIEC is a program of The University of Texas Permian Basin, allowing students at UT Permian Basin to directly benefit from the conference proceeds. For more information about the PBWIEC, visit: waterinenergy.com.



is a generous sponsor of the PBWIEC and is the presenting sponsor of our student poster competition.

RULES

1. The poster competition is **open to undergraduate and graduate students** only, and official submissions are limited to one per individual. Should an individual wish to submit an additional poster, or a faculty member wish to display a poster, these submissions will be allowed but they will NOT qualify for the competition's scholarship awards.
2. Submissions should be related to oil and gas research, with the top two prizes in both the undergraduate and graduate student division awarded for research related to water in the oil and gas industry.
3. Students must submit a poster application to admin@waterinenergy.com, per the instructions on the following page and with a completed cover sheet. The **poster application submission deadline is Friday, February 11, 2022, at 11:59 p.m. CST.**
4. Applications must contain a **poster title, abstract, and presenter biography**. Titles shall contain no more than 15 words. Abstracts shall contain no more than 200 words. Biographies shall contain no more than 100 words.
5. Posters should contain the following: a problem statement, literature review, methodology, analysis, results, and conclusion.
6. The **recommended poster size is 40" x 60"**. The poster must be mounted on or attached to a firm poster board, and able to be displayed on an easel. Easels will be provided, but each presenter must provide or obtain her or his own firm poster board and fasteners.
7. A panel of judges will evaluate and score each poster and presenter on Wednesday, February 23 using the scoring rubric laid out on page three.

AWARDS

Undergraduate and graduate submissions will be graded and awarded as two separate divisions. The award structure is constant across both student divisions and is as follows:

1. **First Place: \$1,500**
2. **Second Place: \$1,000**
3. **Third Place/Wildcat*: \$500**

* Instead of a third place award, the judges may choose a "Wildcat Award" for the best poster on an oil and gas research topic that is not water focused.



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APPLICATION INSTRUCTIONS

1. Craft your **poster title**, **compose your abstract**, and **write your biography**. These three elements comprise the main page of your application.
 - a. Title: shall be no more than 15 words.
 - b. Abstract: shall be no more than 200 words.
 - c. Biography: shall be no more than 100 words.
2. Compile your poster title, abstract, and biography into **one page** using a legible font and **save as a PDF file**.
3. Fill out the cover page section below, completing both questions.
4. Attach your completed cover page to your application.
5. Submit your application electronically by emailing it to: **admin@waterinenergy.com**. It should be one PDF file with two pages: the completed cover page section below, and your main page.
6. The **deadline for submission is Friday, February 11, 2022 at 11:59 p.m. CST**.

COVER PAGE

1. Select your student category and presentation preference by circling one of the following:
 - a. **Undergraduate Student:** entering the student poster competition.
 - b. **Graduate Student:** entering the student poster competition.
 - c. **Undergraduate Student:** NOT entering poster contest, but would like to showcase my poster presentation.
 - d. **Graduate Student:** NOT entering poster contest, but would like to showcase my poster presentation.
 - e. **Faculty:** NOT eligible to be included in the poster contest, but would like to showcase my poster presentation.
2. Complete the following presenter information:
 - a. **First Name:**
 - b. **Last Name:**
 - c. **University:**
 - d. **Email:**



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SCORING RUBRIC

Judge's Name	Presenter's Name	Poster Number

Please rate the poster/presenter from 0 to 3 on each of the following by circling one number in each row.

1. Statement of Research Problem/Rationale:	No Attempt	Developing	Competent	Exemplary
Clearly stated questions or hypothesis being addressed	0	1	2	3
Well-explained rationale/justification for the study	0	1	2	3
Project objectives are clearly outlined	0	1	2	3

2. Literature Review/Background Theory:	No Attempt	Developing	Competent	Exemplary
Relevant previous work thoroughly reviewed	0	1	2	3
Gap in knowledge/exploration identified	0	1	2	3
Succinct	0	1	2	3
References are cited appropriately	0	1	2	3

3. Methods (Explanation/Appropriateness):	No Attempt	Developing	Competent	Exemplary
Clear description of methods used	0	1	2	3
Methods are appropriate to address aim/question	0	1	2	3

4. Analysis/Results:	No Attempt	Developing	Competent	Exemplary
Figures/tables used appropriately and clearly to present the data	0	1	2	3
Findings are presented clearly and accurately	0	1	2	3
Analysis is well explained and appropriately applied	0	1	2	3

5. Conclusion/Discussion:	No Attempt	Developing	Competent	Exemplary
Addressed study's problem/question	0	1	2	3
Conclusions are sufficiently supported by results	0	1	2	3
Results are placed into broader framework	0	1	2	3
Importance of findings is addressed	0	1	2	3

6. Presentation Overall:	No Attempt	Developing	Competent	Exemplary
Effective overall aesthetic/organization of poster	0	1	2	3
Flow of information is logical and facilitates understanding	0	1	2	3
Presenter summarized study clearly	0	1	2	3
Presenter answered questions well	0	1	2	3
Length of poster summary (by presenter) was appropriate	0	1	2	3
Study is innovative and has potential to contribute to the field	0	1	2	3

Total: ____ / 66

Comments: