



**PREHOSPITAL CARE
RESEARCH FORUM**
at the UCLA Center for Prehospital Care

WEINMANN
medical technology

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UNT Health
FORT WORTH

Ventilation Research Summit

Arrive curious. Leave with an abstract!

June 8-10, 2026

UNT Health Fort Worth, Fort Worth, TX

Application for registration [here](#).

Applications due Friday, April 17th by 11:59pm PST

Presented by the Prehospital Care Research Forum thanks to the generous sponsorship of WEINMANN Emergency, and strategic support from UNT Health Fort Worth, the ESO Data Collaborative, ImageTrend.

Workshop Description:

This no-nonsense workshop is both inspiring and productive. Bring only your curiosity and passion for EMS. We will surround you with data and the resources to advance EMS with science. Participants will work in small groups to identify a research question, design a project, gather data, analyze results and craft publishable abstracts. Expert researchers, medical directors, statisticians, developers and academic staff combine their efforts to remove barriers and empower EMS providers at all levels to turn their ideas into formal abstracts. Acute respiratory failure and optimal ventilation are critical problems facing prehospital providers today, and there is limited evidence to guide practice. For this workshop groups will focus on the important issue of effective and safe prehospital ventilation. We will have use of three national databases with staff on site to query deidentified records and provide immediate results. Some projects may have access to patient outcomes, but all groups will benefit from a team of statisticians collaborating to recommend, perform and interpret their analysis. Participants will also get post-workshop assistance in abstract submission, full paper authoring and dissemination of results. In just three fun and engaging days, this hands-on approach will turn your ideas into publishable research.

At the conclusion of this workshop participants will be able to:

- Use the PICO method to formulate and design a prehospital care research project,
- Perform a literature search and review,
- Design and implement a scientific method to investigate a research question,
- Understand where to find and how to consult with statistical and epidemiological experts,
- Work in teams to analyze research results and apply various models of data analysis,
- Write a publishable abstract and present research findings using an academic conference framework.

PCRF/WEINMANN EMERGENCY Ventilation Research Summit Tentative Agenda

Day 1: Monday, June 8, 2026 – 1pm-5pm

1-2pm	Welcome, introductions, ground rules and working groups
2-3pm	EMS Challenges and the pathway to evidence-based solutions In this opening session the group participates in a welcoming and inspiring kick off. We recap lessons from our pre-workshop online meetings and training. Then we brainstorm and identify the most important issues facing prehospital ventilation.
3-5:30pm	Recipe and Ingredients for success Participants break into their groups. Work begins to perform literature reviews, further sculpt theories, methods and identify the data the groups will need; Groups refine their hypothesis and prepare to pitch it to the larger group; Mentors assist by helping construct data queries and search past literature;
5:30-7pm	Group Dinner (optional - provided on site) - at no cost for all participants (Sponsored by WEINMANN) – Hospitality event to follow.

Day 2: Tuesday, June 9, 2026 – 9am-5pm

8:30-11am	Recipe and Ingredients for Success (continued) Participants immediately jump back into groups, refine their hypothesis and methods. Mentors assist by helping construct data queries and search past literature.
11am-12pm	Shark Tank – sort-of... Groups begin using a conference-style PowerPoint® presentation to pitch their best ideas for research questions and methods. The “sharks” ask questions and groups assist each other in refining next steps.
12-1pm	Working Lunch (Provided by our sponsor)
1-4:30pm	The zeroth draft: Teams continue building their abstracts and presentations as data flows in. In this phase, the focus is on outlining, writing, and displaying mock results. Meanwhile, engineers and statisticians work on obtaining and analyzing actual data.
4:30-5:30pm	Situation Reports Groups take turns updating the larger group on the status of their projects and receive feedback from the faculty and staff.
5:30-7pm	Group Dinner (optional - provided on site) - at no cost for all participants (Sponsored by WEINMANN) – Hospitality event to follow.

Day 3: Wednesday, June 10, 2026 – 9am-1pm

8:30-10am	The zeroth draft (continued) Participants immediately jump back into groups and work on results, zeroth draft and their mock final presentation. Mentors assist by helping interface with statisticians and data analysts.
10am-12pm	Results and Conclusions As results flow in, facilitators work with their group to review methods of submission and dissemination with the most impact. Groups receive and discuss results; Analysis is refined as abstracts are completed, presentations are created to share and disseminate findings.
12-2pm	Working Lunch and Final Presentations
2-3pm	Wrap-Up and Next Steps

*Please note this agenda is tentative and subject to adjustments as the workshop evolves.

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