



24
July

Sophisticated instrument workshop ICP-MS, GC-MS and IC

EVENT INFO

Inland Empire Utilities Agency

6075 Kimball Ave
Chino, CA 91708

DATE

THURSDAY, July 24, 2025

TIME

8:00 A.M. – 4:00 P.M.

CONTACT FOR MORE INFO

Sushmitha Reddy
(909)-993-1813

CWEA MEMBERS PRICE

\$75.00

Non-CWEA MEMBERS PRICE

\$100.00

Who Should Attend?

Lab staff preparing for Grade 2, 3, or 4 CWEA laboratory exams, particularly those new to ICP-MS, GC-MS, and IC or without access to these instruments.

REGISTER YOUR TEAM EARLY
REGISTER ON CWEA'S WEBSITE
events.cwea.org

Credit cards only, CWEA does not charge a fee. Payment method is by credit card only. No refunds, attendee substitutions allowed.

The SARBS Lab Committee partnered with Thermo Fisher Scientific and Perkin Elmer to provide a comprehensive workshop on GC-MS, ICP-MS, and IC instruments. **Earn 6.9 CWEA Contact Hours** and join us to learn about operational principles and essential quality control practices.

Speakers & Sessions

- **Ion Chromatography (IC):** Paul Colvin, Thermo Scientific
- **Inductively Coupled Plasma Mass Spectrometry (ICP-MS):** Marshall Allin, Thermo Scientific and Cole Taylor, Perkin Elmer
- **Gas Chromatography-Mass Spectrometry (GC-MS):** Terry Jeffers, Thermo Scientific

What you'll learn

- **Basics:** Instrument overview, including components and sample flow paths.
- **Instrument Operation:** Tuning, conditioning, operational parameters, and calibration for optimal performance.
- **Demonstration:** Step-by-step walkthrough of running a sample on each of the instrument
- **Quality Control:** *Calibration techniques, method validation, and troubleshooting*
- **Maintenance:** *Routine procedures for smooth operation and consumable inventory*

Agenda

7:30 – 8:00 am

- **Registration, Continental Breakfast (Sponsored by Perkin Elmer)**

8:00 – 12:00 pm

- **Welcome**
- **Exam Preparation Tips:** CWEA's Norah Duffy and Lydia Guerra
- **Interactive Lecture on Analytical Techniques**

12:00 – 1:00 pm Lunch (Sponsored by Thermo)

1:00 – 4:00 pm

- **Hands-On Live Interactive Instrument Use**
- **Panel discussion Q&A Session**