

Education and Training

B.S., Biology Metropolitan State College

Professional Experience

Mr. Kassner is a biologist who has been involved in analytical testing, proficiency testing, and manufacturing and development of certified reference materials for environmental analysis. He has experience in laboratory operations and management, and extensive experience in the proficiency testing and the development of certified reference materials. His experience in proficiency testing led to his inclusion the development of national standards for proficiency testing through chairing The NELAC Institute Laboratory Proficiency Testing Expert Committee and the Stationary Source Audit Sample Table Committees.

➤ **Project Management and Facilitation**

Shawn has been the managed projects for several companies from environmental laboratories for quality control purposes, the design and implementation of software, and the development of proficiency testing programs.

➤ **Studies for Method Development**

Shawn participated in the planning, development, and administration of the Independent Laboratory Institute (ILI) study to introduce solid phase extraction techniques for EPA Method 625. He aided ILI in developing the study protocol and sample design, and performed the basic statistical analysis in evaluating the study results. These results were presented at the National Environmental Monitoring conference in 2014 and 2015. Shawn also performed the statistical analysis and developed the fields of proficiency testing for the EPA Lead in Paint program.

Shawn has been active in developing a pesticides in cannabis detection limits study for the state of Colorado Department of Health.

➤ **Training**

Shawn has developed training for various individual laboratories as well as regional/state conferences on the topics of proficiency testing, use of proficiency testing data in laboratory quality control programs and in corrective action and root cause analysis. He has also developed presentations and training for the use of certified reference materials.

Experience Highlights

- Past NELAC Institute Laboratory Proficiency Testing Expert Committee Chair.
- Developed training on use of proficiency testing data and corrective action/root case analysis to improve laboratory quality control.
- Developed training on the use of certified reference materials in the environmental laboratories.
- Performed basic statistical analysis for various environmental method development projects.

Employment History

Neptune and Company

2015 to date: Senior Scientist

Phenova, A Phenomenex Company

2013 to 2015: Senior Product Manager

Environmental Resource Associates, A Waters Company

2009 to 2012: Senior Product Specialist

1995 to 2009: Proficiency Testing Program Manager

Quanterra - Rocky Mountain Analytical

1992 to 1995: Group Leader GC/MS Group

1992 to 1995: Scientist, Mixed Waste Laboratory

1988 to 1992: GC/MS Chemist

Publications, Reports, and Professional Presentations

Mr. Kassner has developed many presentations for the environmental community especially on the topics of quality control, corrective action and the proficiency testing.

Professional Activities

Past Chair, now member of The NELAC Institute Laboratory Proficiency Testing Expert Committee.

Member of the Chemistry Committee for The NELAC Institute.

Member of The NELAC Institute, Independent Laboratory Institute Incubation Group, and Emerald program Proficiency Testing Advisory Panel.