



## AGENDA

Tuesday, October 5, 2021

Holiday Inn Harrisburg-Hershey, 604 Station Road Grantville, PA 17028

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8:30 AM      **Registration: Prior registration required, no walk-ins.**

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9:30 AM      **WELCOME and Presentation on Current Information from the Association:** Fiona Adamsky, *President*; PAAEL, Twila Dixon, *Treasurer*

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10:00 AM      **Aaren Alger:** *Initial Calibration Validation - More than a correlation coefficient.*

Most laboratories use Correlation Coefficient or Coefficient of Determination to determine the acceptability of an initial calibration curve. Using  $r$  or  $r^2$  as the only mechanism to validate an ICAL can result in low-end bias and lead to quantitation limit check failures. This presentation will provide guidance for understanding:

- Why  $r$  and  $r^2$  might not be the best way to validate an ICAL
  - How to use relative error to determine data quality
  - Simple tips for how to improve validation techniques for ICAL
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10:45 AM      **Vendor Introduction/Networking Break**

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11:00 AM      **Aaren Alger:** *Reimagining the Technical Manager/Laboratory Supervisor*

The Chapter 252 regulation was written with the laboratory supervisor qualifications from the 2003 NELAC Standard as a framework. For decades the laboratories have struggled to put competent and proven individuals in laboratory supervisory roles because they might not meet the educational qualifications of either Chapter 252 or the TNI Standard. TNI has formed the Competency Task Force to reimagine the technical manager/laboratory supervisor qualifications for education and experience. This presentation will outline the history of the Competency Task Force, their endeavor to put more focus on technical competence over qualifications, and what the future holds.

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11:45 AM    **Vendor Introduction**

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12:00PM    **Lunch**

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1:00 PM    **PADEP Updates**

**Annmarie Beach**, *Laboratory Accreditation Program Chief, PADEP  
Bureau of Laboratories*

Ms. Beach will provide an update for Lab Accreditation

**Jason Minnich**, *PADEP, Bureau of Safe Drinking Water*

Updates from PA DEP Safe Drinking Water Program

**Maria Schumack, P.E.**, *Environmental Engineer Consultant, PADEP  
Bureau of Clean Water*

Updates from PA DEP Clean Water Program