



An Application of the Kipling Method to DNA Validation in the 21<sup>st</sup> Century

Workshop Overview

Mike Coble

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Caution!




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Rudyard Kipling



- b. 1865 – d. 1936
- Major innovator of the short story
- Nobel Prize in Literature (1907)

*The Elephant's Child*

I keep six honest serving-men  
 (They taught me all I knew);  
 Their names are What and Why and When  
 And How and Where and Who.

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### The 5 Ws and 1 H

- What, Why, When, Where, Who and How?
- Basic information-gathering questions. By 1917, the “5 Ws” were being taught in journalism classes and by 1940 it was considered “old fashioned” to include all 5 in the first paragraph of a news story.

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### About us

- Dr. Robin Cotton – As Lab Director – oversaw all validations
- Dr. Charlotte Word – Validation of RFLP, DQ- $\alpha$ , STRs, etc...
- Dr. Michael Coble – Career in research, validated new markers and assays.

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### Goals of the Workshop

- Explore the issues and pitfalls for DNA validation by using the Kipling Method
- “When does one validate in DNA?”
- “How often should one be validating?”
- “Who should be conducting all of these validation studies?”
- “What are the advantages and disadvantages of having a third party vendor to conduct the validation study?”

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Goals of the Workshop

- We hope to discuss the problems associated with validation, offer strategies for thinking about validation and implementation, and provide possible solutions for validation in the 21<sup>st</sup> Century.
- We encourage (gently demand) your questions along the way!

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Outline

- Introduction to Validation
- Questions to Consider
- Organization of the Validation
- From Validation to SOP
- Thinking Ahead

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