

WELCOME



**Dr. Barbara
McKinney**

**Dr. Katy
Yao**

**Ms. Anna
Murphy**



Sustainability

SLMTA QC

Keynote

Why is Quality Control [QC] integral to SUSTAINABILITY?

What is the SLMTA Symposium QC Track in the agenda?

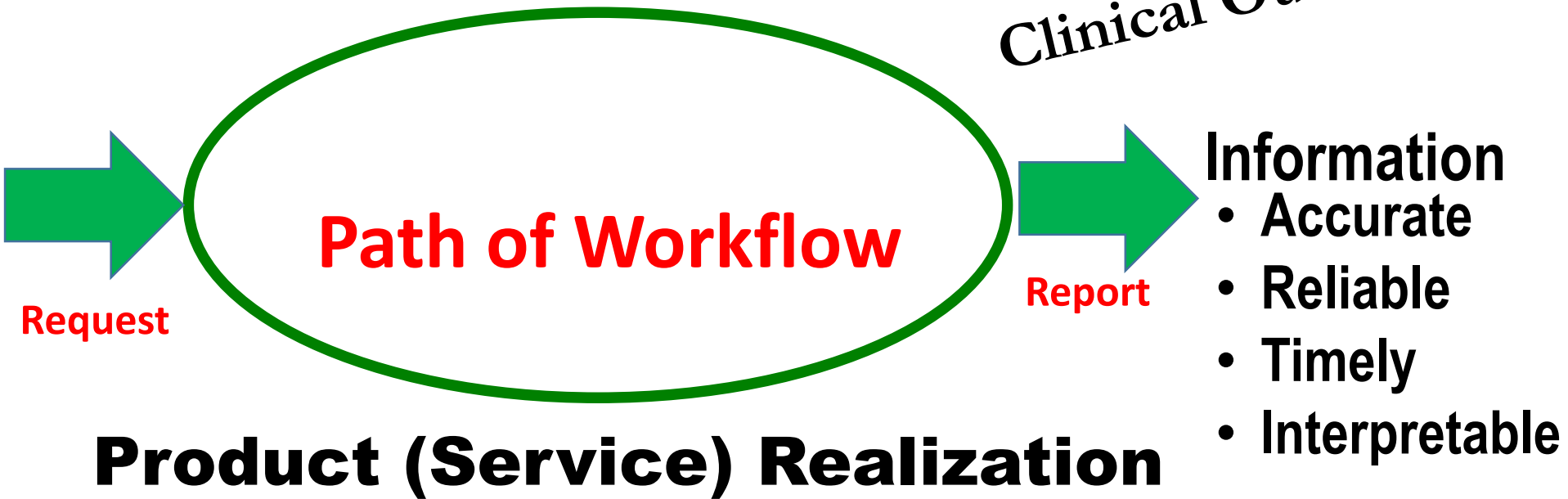
When will she finally introduce the KEYNOTE Speaker?

SUSTAINABILITY



Sustainability

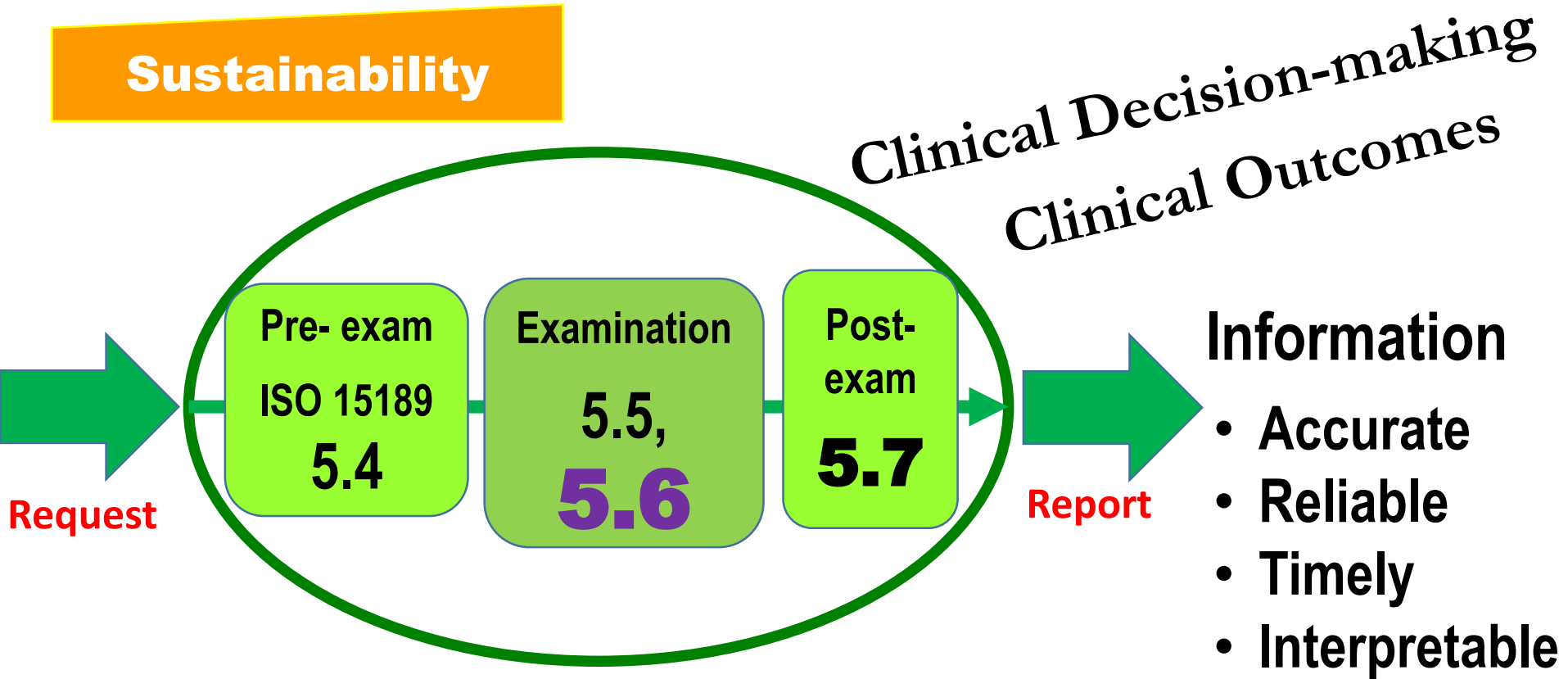
Clinical Decision-making
Clinical Outcomes



A laboratory test can change the way a clinician thinks about a patient.
This change in thinking can alter the way the clinician manages the patient.

This change in patient management can affect the clinical outcome (i.e. mortality/morbidity).

Sustainability



Product (Service) Realization

ISO 15189:2012 5.6

Ensuring quality of examination results

➤ **BAD** EQA Results

➤ **BAD** Patient Results

Analytical System

Examination

ISO 15189

5.5 and 5.6

Quality Monitoring System (QC)

Verify the attainment of quality results

To remain relevant in a healthcare system, laboratory testing must provide clinical value.

Sustainability

SLMTA QC

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SLIPTA/SLMTA SYMPOSIUM AGENDA

DAY 1 (December 8, 2018)

9:30-10:00 **Keynote** The Evolution of Quality Control in Laboratory:
"Westgard Rules," Six Sigma, and Beyond

14:05-14:20 **Break**

**Expert Panel #3 - Forging Partnerships with Manufacturers to
Achieve the 3rd 90**

**14:20-
16:10**

- Overview and Introduction
- Program Needs to Reach the National Targets - the MOH Perspective
- Challenges with Equipment Management - The Laboratory Perspective
- Equipment Acquisition and Service Agreement - The Procurement Perspective
- Equipment Maintenance and Service - The Manufacturer Perspective
- The Solution - Laboratory Network and All-Inclusive Reagent Rental Strategy
- Discussion / Q&A

SLIPTA/SLMTA SYMPOSIUM AGENDA**DAY 2 (December 9, 2018)****Expert Panel #5 - Creating a National EQA Program**

- Overview and Introduction
- A Roadmap to Establishing a National EQA Program
- The Business Case to Establish Your National EQA Program
- Lessons Learned from Establishing An EQA Program - The Kenya Experience
- Costing an EQA Program - Experience from NHLS South Africa
- Discussion/ Q&A

10:40-**12:10****12:10-13:10 Lunch****13:10-****14:40****Training Workshop #1** Understanding Quality Control for Infectious Disease Testing**14:40-15:00 Break****15:00-****16:30****Training Workshop #2** Six Sigma to 90-90-90

SLIPTA/SLMTA SYMPOSIUM AGENDA

Intermissions (lunch and break)



PEPFAR Quality Control and Method Validation

Prerequisites

QC Workshop Documents

Introduction/Activity 1

Activity 2: Gaussian is the Key

Activity 3: Match It Up: A Rule Violation Game

Activity 4: The Front-line Worker

Activity 5: It Begins with the Right Chart

Activity 6: Parallel Testing: Making History

Activity 7: Total Error (TE)

Activity 8: Putting the TEA into Quality

Activity 9: How Far Can Your Mean Sh

Activity 10: How to Select Control Rules

Activity 11: How Proficient Are We?

Activity 12: Understanding Inter-laboratory Comparison

Activity 13: Improvement Project Assignment

Activity 14: Introduction to Method Validation



Sustainability

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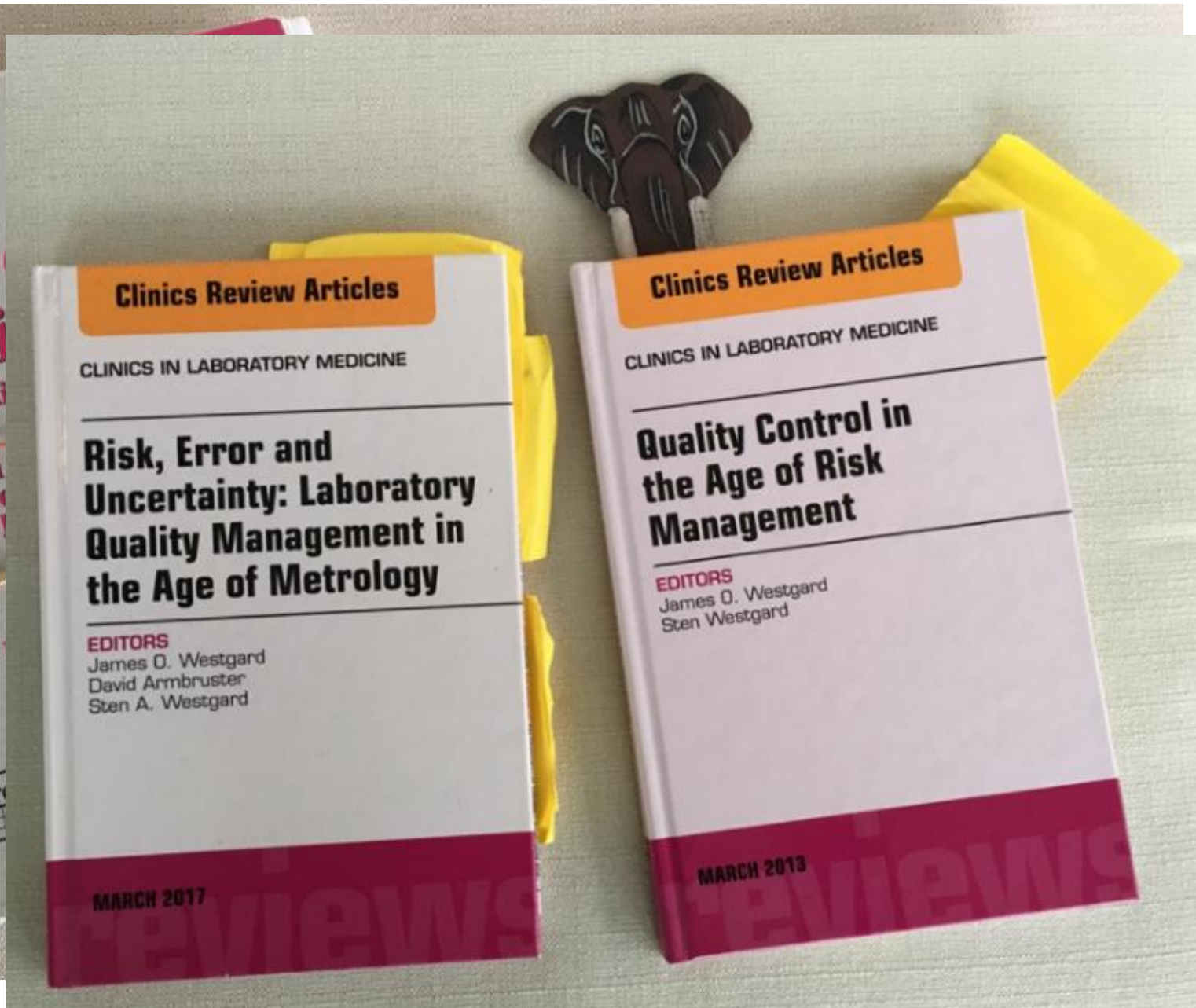
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KEYNOTE Speaker?**

The accuracy of a laboratory test depends on both the trueness (bias) and imprecision (SD) of the examination procedure because only a single measurement is made to produce a reportable test result in a medical laboratory.



WOW!
N=1







www.westgard.com



The Westgard Rules Sten Westgard, MS

Coming to Abuja, December

- Manages the Westgard Website
- Serves as the Director of Client Services & IT for Westgard QC
- Serves as an adjunct professor at the Mayo Clinic School of Health Sciences in Rochester, Minnesota; the University of Alexandria, Egypt; and an honorary visiting professor at Jiao Tong University, Shanghai, China.

We invite you to attend at www.slmta.org

➤ Edits & contributes to numerous books on quality

2018 SLMTA & SLIPTA SYMPOSIUM

Make Quality Stick!

THEME:
SUSTAINABILITY

VIP SPEAKERS

ons on
aboratory