



Catalyzing Student Success in High-Stakes Assessments:

Five Critical Strategies for Educators to Adopt

IUPUI Assessment Institute 2021

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About Us



Dr. Divya Bheda
She/Her(s)



Alison Fanizzi (Moderator)
She/Her(s)



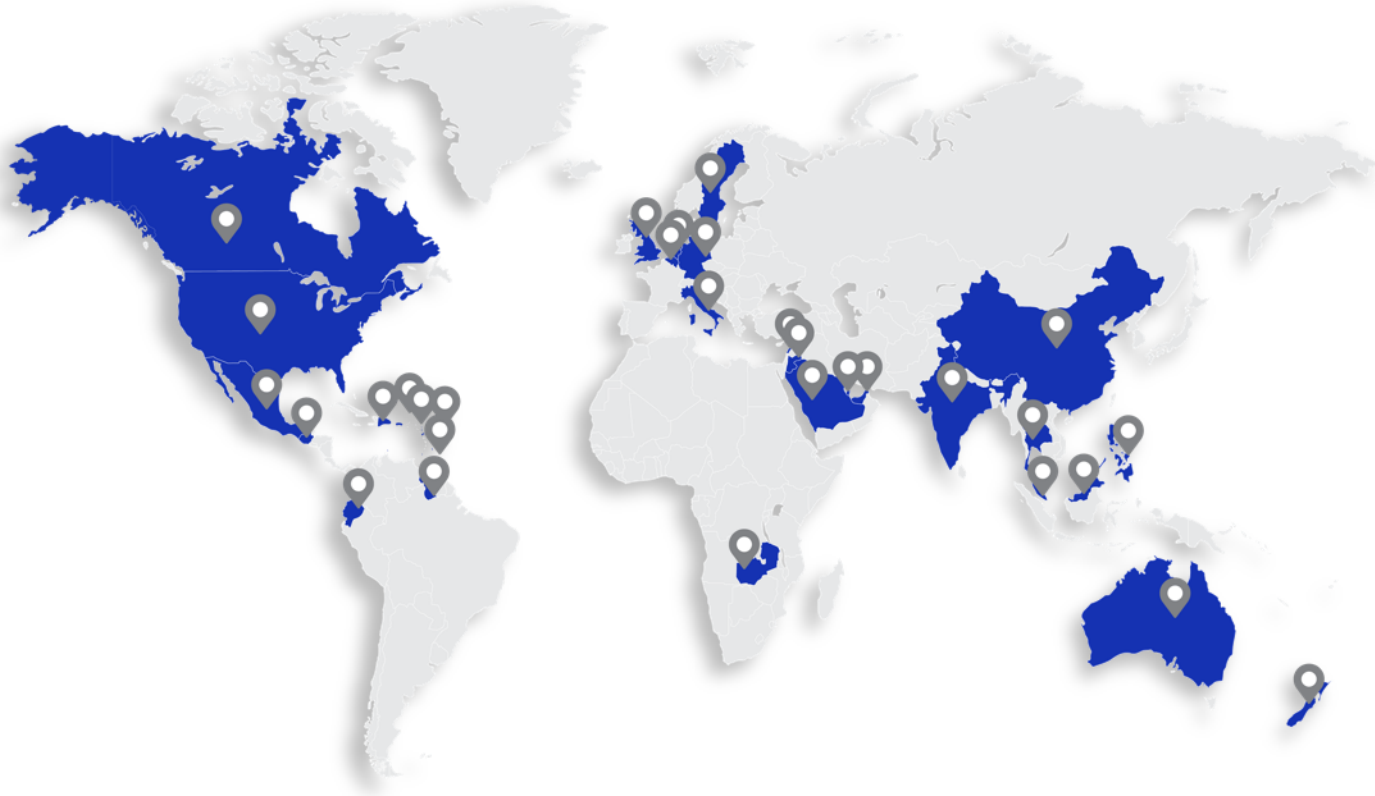
Ashley Membreno
(Moderator)
She/Her(s)

Learning Outcomes

1. Explain the five strategies.
2. Explore their impact on assessment quality.
3. Describe their impact on student success.
4. Evaluate the strengths and challenges of each.
5. Adopt the five strategies.



About ExamSoft



Global Leaders in Secure Assessment

- 2,100+ Clients Worldwide
- 1.1 Million Unique Students in 2020
- 14+ Million Exams Delivered in 2020
- All Ivy League Medical Schools
- Majority of State Bar Exams

Unique Security Model

- Installed Win/Mac/iPad Application
- Secure offline assessment

Services Offered

- Remote proctoring
- Exam integrity solutions
- Back-end psychometrics for data-based decision-making



Mission Statement

Deliver superior assessment solutions to
increase learning performance for every
student teacher and institution



Vision Statement

Harnessing the power of data to
transform learning for everyone,
everywhere

The FIVE Strategies

- 1 Blue-Printing & Backward Design
- 2 Robust Item Writing
- 3 Comprehensive Exam Prep
- 4 Restorative Academic Integrity
- 5 Data Mining & Use



The background of the slide features a photograph of a person's hands typing on a laptop keyboard. The scene is dimly lit, with a prominent blue color overlay across the entire image. In the foreground, a clear plastic water bottle is visible on the left. The overall composition suggests a professional or academic setting.

The FIVE Strategies

Blueprinting & Backward Design



Blueprinting & Backward Design

- Outcomes→Assessment→Content and NOT the other way around
- Real world relevance/operationalization
- Categories and Tagging for maximum ROI



Item Writing

The screenshot displays the ExamSoft University interface for a course titled 'NU210: Community Health Nursing'. The 'Questions' tab is active, showing a list of questions. A 'Create New Question' modal is open, offering options: Multiple Choice, Fill in the Blank, Essay, True/False, and Hot Spot. The table below lists existing questions with their IDs, types, point values, difficulties, and last modified dates.

	QUESTION ID	TYPE	PT. BISERIAL	DIFFICULTY	LAST MODIFIED
<input type="checkbox"/> e 6-year old c	468	MC	.82	0.90	Mar 23, 2020
<input type="checkbox"/> e Occupationa	434	MC	.54	0.70	Sep 13, 2017
<input type="checkbox"/> erson-to-p	477	MC	.33	0.86	Sep 18, 2017
<input type="checkbox"/> Health Organ	480	MC	.33	0.82	Sep 18, 2017
<input type="checkbox"/> Angina Pectoris/Atherosclerosis Matching	1683	FITB	.32	0.94	Mar 6, 2020
<input type="checkbox"/> The public health nurse is the superviso	452	MC	.32	0.85	Sep 18, 2017
<input type="checkbox"/> Population- focused nursing practice req	433	MC	.31	0.86	Sep 18, 2017



Item Writing

- Ensure comprehensive training on item writing best practices
- Engage in iterative process with multiple eyes and multiple reviews
- Consider psychometrics and item performance data

Exam Prep

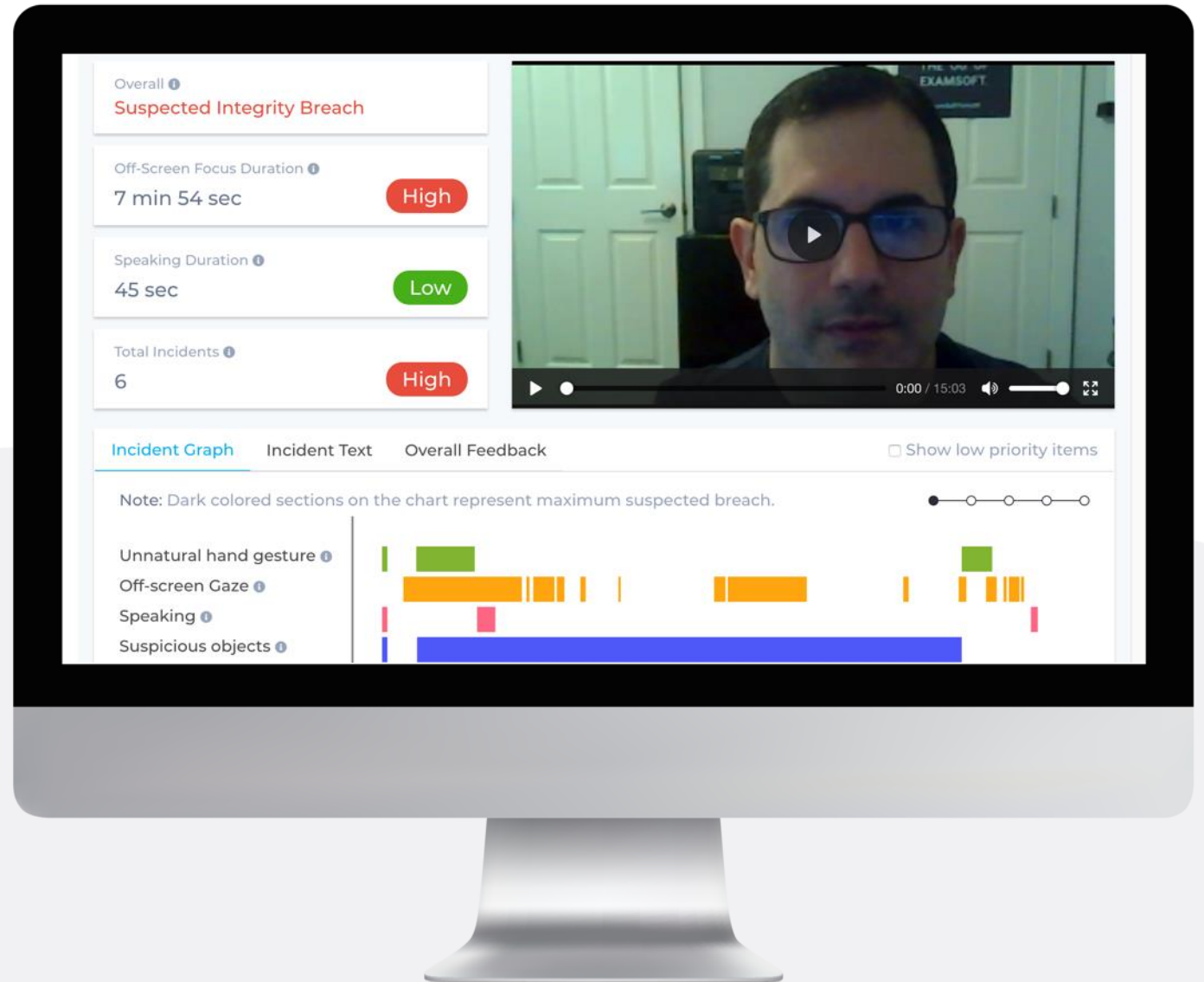


A photograph of students in a classroom, with a focus on two women in the foreground working on laptops. The image is partially obscured by a white diagonal shape that contains the text.

Exam Prep

- Test everything yourself
- Help students prepare – themselves and their environment
- Normalize the process and performance
- Communicate understanding and empathy
- Always have Plan B, C, etc. for emergencies

Academic Integrity

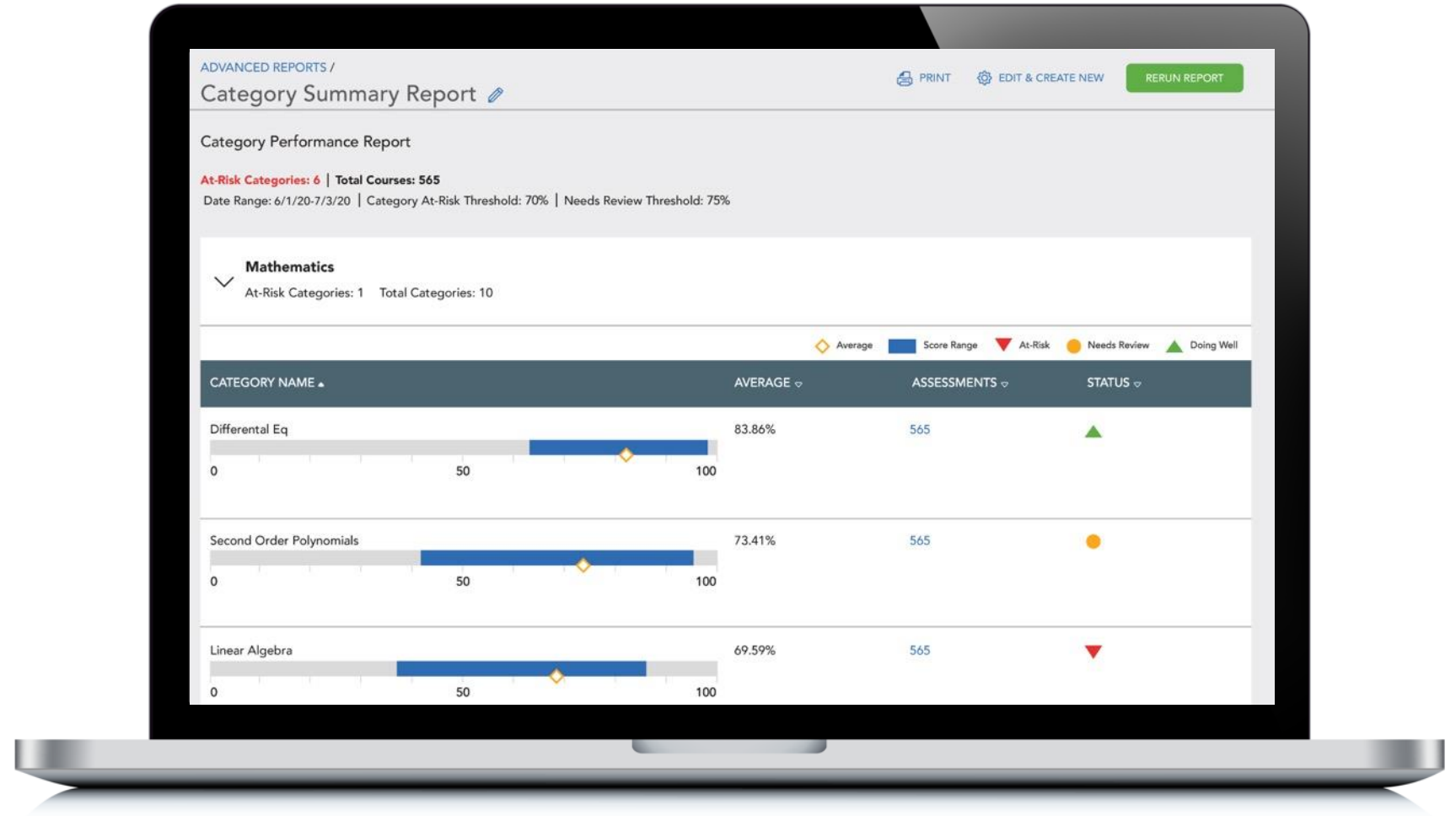




Academic Integrity

- Ensure educator and administrator training
- Build robust policies and procedures
- Engage in restorative practices before and after
- Understand the technology

Data Mining and Use





Data Mining and Use

- Build time for data use
- Build competency for data use
- Build process and plan for data sharing
- Document for replication, adaptation, and scalability
- Involve collaborators—especially students



Revisiting Learning Outcomes

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Questions?



Thank you!

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