

Integrating Big Data and Audit Data Analytics Methodologies in the Classroom

**AAA Auditing Section Mid-Year Meeting
Excellence in Education Workshop
Thursday, January 17, 2019
Omni Nashville Hotel**

AGENDA

Time	Title	Participants/Leaders
1:00 pm – 1:10 pm (10 minutes)	Welcome/Overview of the Workshop Objective and Overview <ul style="list-style-type: none"> Academics hear from audit partners about how practice is using Big Data and Audit Data analytics on audit engagements, as well as challenges faced. Followed by breakout table discussions on how the case materials can be used in the classroom to teach students on the use of Big Data in audit planning and audit data analytics used to obtain audit evidence. Each table discussions will be 1 hour and 30 minutes in length on a single case. 	Kathryn Kadous, President, Auditing Section – Emory University Helen Liburd-Brown, Workshop Chair – Rutgers University
1:10 pm – 2:25 pm (75 minutes)	Big Data and Audit Data Analytics: Audit Integration and Challenges This panel will have an interactive discussion on the following topic areas: <ol style="list-style-type: none"> <i>What are the factors that drive the usage of data analytics from the perspective of the firm, clients, regulators, and the profession?</i> <i>What are the challenges that potentially impede the use of data analytics and Big Data on audit engagements?</i> <i>What are the potential risks to audit quality?</i> <i>How are firms using data analytics in risk assessment and substantive procedures?</i> <i>How does the use of data analytics impact the composition and expertise of the engagement team?</i> <i>What are the skill sets that the firms are seeking from campus hires? What types of training are experienced auditors receiving to get them comfortable with these new technologies?</i> <i>Will disruptive technology eliminate audit jobs?</i> 	Discussion Leader: Chris Dinkel, PwC Panelist: Phillip Austin, BDO Roger O'Donnell (KPMG) Greg Reynolds (EY) Ed Wilkins (Deloitte & Touche)

2:25 pm – 2:35 pm (10 minutes)	Break	
2:35 pm – 2:40 pm (5 minutes)	Overview of Case Materials: <ul style="list-style-type: none"> • Peach State University Hotel (PSU) <ul style="list-style-type: none"> • PSU is a teaching case designed to help students develop an analytics mindset. The case involves the use of audit analytics to understand the revenue process, identify and assess risks and obtain substantive audit evidence. • BCGG LLC <ul style="list-style-type: none"> • The data from BGCC will be used to demonstrate how Big Data can be used in the risk assessment process. 	Helen Brown-Liburd, Workshop Chair
2:40 pm – 4:10 pm (90 minutes)	Peach State University Hotel Case Presentation and Discussions	Catherine Banks, EY Bill Titera, EYARC retired partner member
4:10 pm – 5:40 pm (90 minutes)	BCGG, LLC Case Presentation and Discussions	Charles Bame-Aldred, Hub of Analytics Education
5:40 pm – 5:45 pm	Wrap-up/Closing	Jason Smith, Workshop Vice Chair, UNLV