

NJ ISACA - Audit and Controls in the World of Emerging Technologies - Presented by Rutgers Business School CarLab



Dr. Miklos Vasarhelyi

Professor Miklos A. Vasarhelyi is the KPMG Distinguished Professor of Accounting Information Systems and serves as Director of the Rutgers Accounting Research Center RARC & Continuous Auditing & Reporting Lab (CAR Lab). He is credited with developing the original continuous audit application and is the leading researcher in this field. At Rutgers Business School, Professor Vasarhelyi heads the Continuous Auditing and Reporting Laboratory, which is working on projects for such leading companies as well as governments and professional associations. Vasarhelyi, who received his Ph.D. in Management Information Systems from UCLA, has published more than 200 journal articles, 20 books, and directed over 50 Ph.D. theses. He is the editor of the Artificial Intelligence in Accounting and Auditing series and the Journal of Emerging Technologies in Accounting (JETA). He has been named the Outstanding Accounting Educator by the AAA, received ISACA's Wasserman award, and was chosen as the outstanding accounting educator by the AICPA/AAA. He is one of the leading technologists in the academic accounting profession. The Rutgers team teaches executive programs on AI, AIS, audit automation, continuous audit, and electronic commerce to many large international organizations.



Helen L. Brown-Liburd

Professor Helen Brown-Liburd is an Associate Professor with tenure and serves as the Associate Director of the Continuous Auditing & Reporting Lab (CAR Lab) at Rutgers Business School (RBS) in Newark, NJ where for the past eight years she has taught graduate and undergraduate accounting students and conducted research in the areas of auditors' and investors' judgment and decision making, and the impact of Big Data and analytics on the audit profession. Before joining RBS, Helen was on the faculty at Boston College for six years. Her teaching interests include Auditing, Accounting Information Systems, and Financial Accounting. Helen earned her Ph.D. from the University of Wisconsin-Madison and a BBA from Bernard M. Baruch College, City University of New York.

Helen is a CPA with over sixteen years of experience in such diverse areas as auditing, financial and operating reporting, and analysis and project management. Immediately prior to entering her doctoral program she worked for Bristol-Myers Squibb (BMS) as a Manager on several company-wide teams established to evaluate and redesign major company-wide processes to achieve a measurable reduction in the cost structures. At BMS she also served as an Internal Audit Manager where her duties included supervising and monitoring the performance of worldwide audits. Prior to BMS Helen worked for Pepsi Cola Company as Manager of Special Projects where she researched, developed and implemented accounting policies and procedures to provide uniformity and consistency among the reporting groups and performed financial reporting for the acquisitions of third party-owned Pepsi Cola bottling companies. She began her career in public accounting as a staff auditor for Main Hurdman (now KPMG) and later moved to Arthur Young (now Ernst and Young) where she was promoted to Audit Manager.

Helen currently serves on the AICPA Board of Examiners and the PCAOB Data and Technology Task Force. She is a KPMG Doctoral Scholar and a University of Wisconsin-Madison School of Business Advanced Opportunity Fellow. Helen is a member of the National Association of Black Accountants, Inc., the American Institute of Certified Public Accountants, and the American Accounting Association



Deniz Appelbaum, MBA, Ph.D.

Dr. Deniz Appelbaum (appelbaumd@montclair.edu), Assistant Professor of the Department of Accounting and Finance at the Feliciano School of Business of Montclair State University, received her PhD from the Department of Accounting and Information Systems at Rutgers Business School, Newark in May 2017. She enriches her academic pursuits with a practical view, after twenty years of experience in operations, credit, and business development in the corporate world.

Dr. Appelbaum has published manuscripts in Accounting Horizons, Journal of Emerging Technologies in Accounting, Auditing: Journal of Practice and Theory, and in other academic and practitioner journals, based on her research regarding analytics, big data, and automation in financial auditing and fraud detection. Dr. Appelbaum emphasizes the use of data analytics and appropriate software tools in the classroom, to prepare accounting and auditing students for the technically advanced modern business environment. The accounting and auditing professions are currently undergoing huge disruptions due to technical innovations, and Dr. Appelbaum is devoted to assisting her students to prepare for these changes.



Eid Alotaibi

Eid Alotaibi is a third year PhD student and a part-time lecturer in the Accounting and Information Systems Department at Rutgers University. He holds a Bachelor's degree in Accounting from Virginia Commonwealth University and a Master's degree in Accounting from the American University of Washington DC. His primary research interest is focused on how blockchain applications and smart contracts could become a real-time verifiable tool for accounting records, and provide a better transparent accounting system. He also works on how to improve the governmental audit effectiveness and efficiency through the use of emerging blockchain applications and smart contracts in the public sector.



Arion Cheong

Arion Cheong is a Ph.D. Candidate in Accounting Information Systems at Rutgers Business School. He has worked in researches and projects that are related to cybersecurity assurance. He has a background in economics and received his master's degree at the University of Texas at Austin. He is a big fan of design science research and hoping to introduce more new technology into the accounting domain.



Ivy Munoko

Ivy Munoko is a PhD Student, Department of Accounting and Information Systems, Rutgers Business School. She is actively participating in groundbreaking research in the area of Artificial Intelligence, its application in Business and Auditing, and the ethical implications of emerging technology. She has a history of diverse corporate roles, including IT Project Manager, IT Systems Auditor and Automation Specialist, directly related to proficiency in operational and accounting system development, risk and control assessments, managing process automation and improvements, leading all phases of diverse technology projects.



Won No

Won No is an assistant professor of Accounting Information Systems at Rutgers Business School (RBS). His research interest includes investigating areas of cybersecurity, XBRL, data quality, green IT and the effect of privacy in e-commerce. He is a member of the American Accounting Association (AAA), the Canadian Academic Accounting Association (CAAA), and XBRL.US.



Dr. Andrea Rozario

Dr. Andrea Rozario is an Assistant Professor of Accounting at Stevens Institute of Technology. She is a licensed CPA in the state of New Jersey and has worked as an Experienced Assurance Associate in PwC and as a Senior Financial Analyst in Quest Diagnostics. She received her PhD in Accounting Information Systems from Rutgers University. She has led many research projects with large and medium size public accounting firms. Her research focuses on using disruptive technologies and social media information to enhance audit quality. Dr. Rozario has written and presented papers in the areas of audit data analytics, blockchain, smart contracts, robotic process automation (RPA), and big data in auditing. Her teaching experience includes Financial Accounting and Auditing. She also recently designed and instructed lectures on audit data analytics for the Public Company Accounting Oversight Board (PCAOB) and designed webcasts on RPA, blockchain, and smart contracts for the American Institute of Certified Public Accountants (AICPA).



Chanyuan (Abigail) Zhang

Abigail is a PhD candidate in the Accounting Information System department at Rutgers Business School. Her research addresses the impacts of emerging technologies, especially Robotic Process Automation (RPA), Artificial Intelligence (AI), and Intelligent Process Automation (IPA), on auditing. She has been working with several medium-sized CPA firms in the United States to explore the use of RPA in their audit procedures. Her research on IPA in audit was awarded the best paper in the 2019 AIS Educator Conference, Denver, USA and the best presentation in the 2019 Strategic and Emerging Technology (SET) workshop in the American Accounting Association (AAA) annual meeting in San Francisco, USA. She is the author and instructor for the American Institute of CPA (AICPA) RPA course modules. She is also a part time lecturer at Rutgers Business School and she teaches Information Technology and Managerial Accounting.



Xinxin Wang

Xinxin is a PhD candidate in the Accounting Information Systems department at Rutgers Business School. Her research interest is in the area of Government Accounting and emerging technologies. She received her Master of Public Administration degree from Rutgers with the involvement of Phi Alpha Alpha Honor Society. Her research also includes some work with NPO financial management, specifically related to the IRS form 990 database. She is also involved with the CAR Lab's project on Government Economic Monitoring, which is a project promoting social welfare programs using emerging technologies. She is the project manager of the Rutgers' Accounting Digital Library. She likes singing and swimming during her free time.