Miklos A. Vasarhelyi

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CURRENT POSITION

Rutgers University: KPMG Distinguished Professor of Accounting Information Systems Rutgers Business School - Newark & New Brunswick Director, Rutgers Accounting Research Center & Continuous Auditing & Reporting Lab

EDUCATION

University of California, Los Angeles, Graduate School of Management, Ph.D.

Major: Accounting Information Systems - Minor: Finance & Computer Methods.

Dissertation Title: *Man Machine Planning Systems: A Behavioral Examination of Interactive Decision Making, 1973.*

Massachusetts Institute of Technology, Alfred P. Sloan School of Management M.S. in Management, Emphasis: Finance, 1969.

Catholic University of Rio de Janeiro, Brazil, B.S. Electrical Engineering, 1966.

State University of Guanabara, Brazil, B.S., Economics, 1966.

PROFESSIONAL EXPERIENCE

ACADEMIC

Rutgers University, Graduate School of Management, KPMG Distinguished Professor of Accounting Information Systems (1999-2001), Area Chair (1989, 1992), Director of the RARC (Rutgers Accounting Research Center) (1990-Present), Director of CAR Lab (2003-Present)

University of Southern Europe - Monaco, Visiting Professor (2001-2002)

University of Hawaii, Visiting Professor, Summer Sessions (1994, 1995)

Theseus Institute, Sophia Antipolis, France, Visiting Professor (Fall 1993); Professor Vacataire (1993-1999)

Columbia University, Graduate School of Business, Associate Professor of Accounting (1978-1987); Director of the Accounting Research Center (1983-1987)

University of Southern California, Department of Accounting, School of Business Administration, Assistant Professor of Accounting (1974-1978)

Catholic University of Rio de Janeiro, Associate Professor (1972-1974). Creator and Coordinator of the MBA Program (1972-1974), Director of Rio Datacenter - 150 employees, at the time the largest data processing center in South America (1972-1974).

PROFESSIONAL

AT&T Bell Laboratories, the Consumer Laboratories, Murray Hill, NJ. (1985, Visiting Professor, 1986-88, MTS), (1988-2015, Consulting Technical Manager)

KPMG Peat Marwick, Visiting Scholar, Autumn 1997

Rio Light & Power, Engineer, 1966-1967

RECENT INSTITUTIONAL ACCOMPLISHMENTS:

Led the RADAR effort (Rutgers AICPA Data Analytics Research) sponsored by the eight largest CPA firms, AICPA and CPA Canada developing Full Population Testing and Process Mining for Audit.

Led the Rutgers Accounting Research Center's CAR Lab in effort with major international organizations in changing the field of auditing to a more continuous audit.

Led the effort to build the Accounting Systems area in Rutgers to among the top in the nation. Rutgers AIS has been rated as number one in the country.

Participated in the team that developed and implemented the Rutgers Accounting Web. The primary accounting web site hosts the IMA, IIA, AAA, AGA, FASB, GASB, and FAF. In February 1996, it received over 100,000 hits a week. This effort led to the formation of a consortium to promote accountancy leading the evolution of technology

Led the Rutgers Accounting change team that has been moving the Professional Accounting Program curriculum to a state-of-the-art focus and brought wide recognition to Rutgers.

CAR Lab Coordinated and participated in state-of-the-art leading projects on continuous audit with: Siemens, Itau Unibanco, Procter and Gamble, MetLife, ABInbev, Peninsula Hospital, Teachers Mutual Bank, B3, Brazilian Navy, Cia Hering, State of Santa Catarina, Mayors Office of Rio de Janeiro, and others.

RESEARCH & PUBLICATIONS

BOOKS

B23. Dai, J., Vasarhelyi, M. A., & Medinets, A. F. (Eds.). (2019). *Rutgers Studies in Accounting Analytics: Audit Analytics in the Financial Industry* (Vol. 145). Emerald Publishing Limited.

B22. Chan, D. Y., Chiu, V., & Vasarhelyi, M. A. (Eds.). (2018). *Continuous Auditing: Theory and Application*. Emerald Group Publishing.

B21. Bumgarner,N., & Vasarhelyi, M. A.(2015). *Audit analytics and continuous audit: Looking toward the future*. American Institute of Certified Public Accountants, Inc.

B20. Vasarhelyi, M. A., Alles, M., & Williams, K. T. (2010). *Continuous Assurance for the Now Economy*. Sydney, Australia: Institute of Chartered Accountants in Australia.

B19. Vasarhelyi, M. A., Alles, M., Kogan, A., and Warren, D. J. (2007). *Continuous Control Monitoring*. BNA Publishers.

B18. Vasarhelyi, M. A., & Alles, M. (2006). *The Galileo Disclosure Model (GDM): reengineering Business Reporting through using new technology and a demand driven process perspective to radically transform the reporting environment for the 21st century.* http://raw.rutgers.edu/Galileo

B17. Vasarhelyi, M. A., Bonson, E., and Hoitash, R. (Eds.). (2005). *Artificial Intelligence in Accounting and Auditing: International Perspectives* (Vol. 6). Markus Wiener Publishers.

B16. Vasarhelyi, M. A., & O'Leary, D. (2005). *Artificial Intelligence in Accounting and Auditing: Adding Value to Business* (Vol. 5). Princeton, NJ: Markus Wiener Publishers

B15. Greenstein, M., Vasarhelyi, M. A. (2002). *Electronic Commerce: Security, Risk Management, and Control.* United Kingdom: McGraw-Hill.

B14. Vasarhelyi, M. A., Bonson, E. (1999). *Emerging Technologies in Accounting and Finance.* Universidad de Huelva.

B13. Vasarhelyi, M. A., & Kogan, A. (Ed.) (1998). *Artificial Intelligence in Accounting and Auditing: Towards New Paradigms* (Vol. 4). Markus Wiener Publishers.

B12. Sudit, E. F., Kogan, A., Vasarhelyi, M. A. (1998). *The Internet Guide for Accountants.* United Kingdom: Prentice Hall.

B11. Vasarhelyi, M. A. (Ed.) (1994). *Artificial Intelligence in Accounting and Auditing* (Vol. 3). Markus Wiener Publishers.

B10. Vasarhelyi, M. A. (Ed.) (1994). *Artificial Intelligence in Accounting and Auditing* (Vol. 2). Markus Wiener Publishers.

B09. Vasarhelyi, M. A. (Ed.) (1989). *Artificial Intelligence in Accounting and Auditing: The Use of Expert System* (Vol. 1). Markus Wiener Publishers, 1989.

B08. Vasarhelyi, M. A., & W. T. Lin. (1988). *Advanced Auditing*. Reading, MA: Addison Wesley.

B07. Vasarhelyi, M. A., & Loebbecke, J. K. (1986). *Microcomputers: Applications to Business Problems*. McGraw Hill.

B06. Vasarhelyi, M. A., Brown, L. D., & Gardner, J. C. (1985, 1989, 1994, 1999). *Accounting Research Directory.* Markus Wiener Publishers,

B05. Vasarhelyi, M. A., Francl, T. J., & Lin, W. T. (1984). *Planning, Budgeting, and Control for Data Processing: How to Make Zero Base Budgeting Work for You*. New York: Van Nostrand Reinhold.

B04. Vasarhelyi, M. A., Goodman, H., Phillips, A., & Burton, J. (1981). *Analysis and Illustrations of Disclosures of Inflation Accounting Information.* Financial Reporting Survey 23, AICPA.

B03. Vasarhelyi, M. A., Goodman, H., Munn, F., & Phillips, A. (1981). *Analysis and Illustrations of Disclosures of Pension Information.* Financial Reporting Survey 22, AICPA.

B02. Vasarhelyi, M. A., & Lin, W. T. (1979*). TREAT: Terminal Related Educational Audit Tool*. New York: Touche Ross Foundation.

B01. Vasarhelyi, M. A., & Mock, T. J. (1972). *APL for Management*. Los Angeles, CA: Wiley-Becker and Hayes.

CHAPTERS IN BOOKS

C28. Virtual auditing agents *Handbook of Financial Econometrics, Mathematics, Statistics, and Machine Learning (In 4 Volumes)* https://doi.org/10.1142/11335 | September 2020, Pages: 5056

C27. Sun, T., & Vasarhelyi, M. A. (2021). Predicting credit card delinquencies: An application of deep neural networks. In *Handbook of Financial Econometrics, Mathematics, Statistics, and Machine Learning* (pp. 4349-4381).

C26. Bumgarner, N., & Vasarhelyi, M. A. (2018). Continuous Auditing—A New View. In *Continuous auditing* (pp. 7-51). Emerald Publishing Limited.

C25. Byrnes, P. E., Ames, B., & Vasarhelyi, M. A. (2015). The Current State of Continuous Auditing and Continuous Monitoring. In *Audit Analytics and Continuous Audit* (pp. 53-70). AICPA.

C24. Byrnes, P. E., Al-Awadhi, C. A., Gullvist, B., Brown-Liburd, H., Teeter, C. R., Warren Jr, J. D., & Vasarhelyi, M.A. (2015). Evolution of Auditing: From the Traditional Approach to the Future Audit. In *Audit Analytics and Continuous Audit* (pp. 71-84). AICPA.

C23. Byrnes, P. E., Criste, T., Stewart, T., & Vasarhelyi, M. A. (2015). Reimagining Auditing in a Wired World. In *Audit Analytics and Continuous Audit* (pp. 87-102). AICPA.

C22. Byrnes, P.E., Brennan, G., Vasarhelyi, M.A., Moon, D., & Ghosh, S. (2015). Managing Risk and the Audit Process in a World of Instantaneous Change. In *Audit Analytics and Continuous Audit* (pp. 129-142). AICPA.

C21. de Aquino, C. E., Eduardo Miyaki, C. I. A., CCSA, C., Sigolo, N., & Vasarhelyi, M. A. (2015). Increasing Audit Efficiency Through Continuous Branch KPI Monitoring. *Audit Analytics and Continuous Audit* (pp. 169-175). AICPA.

C20. Ianniello, G., Mainardi, M., Rossi, F., & Vasarhelyi, M. (2013). The Role of Continuous Monitoring of Internal Controls over Financial Reporting: A Case Study of an Italian Medium-Sized Company. In *Accounting Information Systems for Decision Making* (pp. 121-137). Springer Berlin Heidelberg.

C19. Vasarhelyi, M., Ianniello, G., Mainardi, M., & Rossi, F. (2013) "The Role of Continuous Monitoring 2 of Internal Controls over Financial 3 Reporting: A Case Study of an Italian 4 Medium-Sized Company. "Accounting Information Systems for Decision Making. Springer, 2013. 121-137

C18.1 Vasarhelyi, M. A. & Alles M. A. (2010). A Roadmap for XBRL Tagging and Five Axioms on its Intended and Unintended Consequences. In *XBRL e Informativa Aziendale,* (pp. 395-401). FrancoAngeli.

C18. Vasarhelyi, M. A. (2005). Towards An Intelligent Audit: Online Reporting, Online Audit, and Other Assurance Services. In *Artificial Intelligence in Accounting and Auditing: International Perspectives*. Vol. 6. Markus Wiener Publishers. 2-14.

C17. Vasarhelyi, M. A., Bonson, E., & Hoitash, R. (2005). The Evolving Paradigms of Artificial Intelligence and Expert Systems: An International View. In *Artificial Intelligence in Accounting and Auditing: International Perspectives* (pp. i-iv). Markus Wiener Publishers.

C16. Vasarhelyi, M. A., & Hoitash, R. (2005). Intelligent Software Agents in Accounting: An Evolving Scenario. In *The Evolving Paradigms of Artificial Intelligence and Expert Systems: An International View* (pp.). Markus Wiener Publishers.

C15. Wu, J., & Vasarhelyi, M. (2004). XBRL: A new tool for electronic financial reporting. In *Business Intelligence Techniques* (pp. 73-92). Springer, Berlin, Heidelberg.

C14. Vasarhelyi, M. A. (2001). Prologue. *Los Estados Financieros en Internet* (pp.). Spain: RaMa Publishing.

C13. Vasarhelyi, M. A., & O' Leary, D. (2000). Preface. *Artificial Intelligence in Accounting and Auditing*, *Volume 5* (pp.). Markus Wiener Publishers.

C12. Vasarhelyi, M. A. (2000). Creating Value with Artificial Intelligence. *Artificial Intelligence in Accounting and Auditing*, *Volume 5* (pp.). Markus Wiener Publishers.

C11. Nandi, B., Vasarhelyi, M. A., and Ahn, J. (2000). Network Demand Model and Global Internet Traffic Forecasting. *Convergence in Communications and Beyond* (pp.). Elsevier Science Limited.

C10. Yang, D. & Vasarhelyi, M. A. (1998). The Application of Expert Systems in Accounting. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems Volume 4* (pp.). Markus Wiener Publishers.

C09. Vasarhelyi, M. A., & Kogan, A. (1998). Artificial Intelligence in Accounting and Auditing: Towards New Paradigms. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 4* (pp.)*. Markus Wiener Publishers.

C08. Vasarhelyi, M. A. (1995). Auditing: A Day in the Life of Ivan Auditorich in the Future, A View of Future Technology. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 3* (pp.)*. Markus Wiener Publishers.

C07. Vasarhelyi, M. A. (1995). AI & ES in Accounting and Auditing: Knowledge Representation, Accounting Applications and the Future. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 3* (pp.)*. Markus Wiener Publishers.

C06. Vasarhelyi, M. A. (1995). AI & ES in Accounting and Auditing: Progress, Regression, and New Paradigms. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 2* (pp.)*. Markus Wiener Publishers.

C05. Vasarhelyi, M. A., & Halper, F. B. (1995). The Continuous Audit of Online Systems. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 2* (pp.)*. Markus Wiener Publishers.

C04. Vasarhelyi, M. A., Halper, F. B., & Esawa K. J. (1995). The Continuous Process Audit System: A UNIX Based Auditing Tool. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 2* (pp.)*. Markus Wiener Publishers.

C03. Vasarhelyi, M. A. (1991). Intelligent Databases: A Program for Research and Development. *Artificial Intelligence in Accounting and Auditing: Using Expert Systems. Volume 3* (pp.)*. Markus Wiener Publishers.

C02. Vasarhelyi, M. A. (1981). Academic Research in Accounting and Auditing. *Handbook of Accounting and Auditing* (pp. Chapter 48).

C01. Vasarhelyi, M. A., & Mosich, A. N. (1980). Valuation of the Economic Activity: An Intuitive Approach. *Accounting for a Simplified Firm Owning Depreciable Assets: Seventeen Essays and A Synthesis Based On A Common Case* (pp.). Scholars Book Co.

MAJOR ARTICLES

M153. Wei, D., Cho, S., Vasarhelyi, M. A. & Liam, T(2024). Outlier Detection in an Audit Context: A Multilevel Outlier Detection Framework for Exploring Risks in General Ledgers. Journal of Information Systems

M152. Gu, Y., Dai, J., & Vasarhelyi, M. A. (2023). Audit 4.0-based ESG assurance: An example of using satellite images on GHG emissions. International Journal of Accounting Information Systems, 50, 100625.

M151. Rozario, A. M., Vasarhelyi, M. A., & Wang, T. (2023). On the use of consumer tweets to assess the risk of misstated revenue in consumer-facing industries: Evidence from analytical procedures. AUDITING: A Journal of Practice & Theory, 42(2), 207-229.

M150. Duan, H. K., Vasarhelyi, M. A., Codesso, M., & Alzamil, Z. (2023). Enhancing the government accounting information systems using social media information: An application of text mining and machine learning. International Journal of Accounting Information Systems, 48, 100600.

M149. Ildefonso, M. V., Laureano, R. M., & Vasarhelyi, M. A. (2023). Modelos preditivos de insolvências: Uma revisão sistemática da literatura. In 2023 18th Iberian Conference on Information Systems and Technologies (CISTI). IEEE.

M148. Dai, J., & Vasarhelyi, M. A. (2023). Management Accounting 4.0: The Future of Management Accounting. Journal of Emerging Technologies in Accounting, 20(1), 1-13.

M147. Vasarhelyi, M. A., Moffitt, K. C., Stewart, T., & Sunderland, D. (2023). Large Language Models: An Emerging Technology in Accounting. Journal of Emerging Technologies in Accounting, 20(2), 1-10.

M146. Luis Santos & Vasarhelyi, M. A. (2023). Doublethink in governmental accounting: development of an RPA to identify inconsistencies in financial reporting. The International Journal of Digital Accounting Research.

M145. Yan, Z., Appelbaum, D., Kogan, A., & Vasarhelyi, M. A. (2023). Teaching Predictive Audit Data Analytic Techniques: Time-Series Forecasting with Transactional and Exogenous Data. Journal of Emerging Technologies in Accounting, 20(1), 169-194.

M144. Wang, W., Vasarhelyi, M. A., de Freitas, M. M., & da Rosa, F. S. (2022). Dynamic View of Pandemic Circumstances with Government Interventions and Socioeconomic Factors. Journal of Emerging Technologies in Accounting, 19(2), 249-270.

M143. Tojiboyev, N., Appelbaum, D., Kogan, A., & Vasarhelyi, M. A. (2022). Basics of SQL for audit data retrieval and analysis. Journal of Emerging Technologies in Accounting, 19(1), 237-265.

M142. Alles, M., Palas, R., Vasarhelyi, M. A., & Xiong, F. (2022). The Case for an App-Based Financial Reporting System. Journal of Emerging Technologies in Accounting, 19(2), 1-21.

M141. Cheong, A., Duan, H. K., Huang, Q., Vasarhelyi, M. A., & Zhang, C. A. (2022). The rise of accounting: Making accounting information relevant again with exogenous data. Journal of Emerging Technologies in Accounting, 19(1), 1-20

M140. Duan, H. K., Hu, H., Yoon, Y., & Vasarhelyi, M. (2022). Increasing the utility of performance audit reports: Using textual analytics tools to improve government reporting. Intelligent Systems in Accounting, Finance and Management, 29(4), 201-218.

M139. Schreyer, M., Hemati, H., Borth, D., & Vasarhelyi, M. A. (2022). Federated Continual Learning to Detect Accounting Anomalies in Financial Auditing. arXiv preprint arXiv:2210.15051.

M138. Freiman, J. W., Kim, Y., & Vasarhelyi, M. A. (2022). Full population testing: Applying multidimensional audit data sampling (MADS) to general ledger data auditing. International Journal of Accounting Information Systems, 46, 100573.

M137. Zhang, C. A., Cho, S., & Vasarhelyi, M. (2022). Explainable artificial intelligence (xai) in auditing. International Journal of Accounting Information Systems, 46, 100572.

M136. Lee, H., Zhang, L., Liu, Q., & Vasarhelyi, M. (2022). Text visual analysis in auditing: Data analytics for journal entries testing. International Journal of Accounting Information Systems, 46, 100571.

M135. Zhang, G., Atasoy, H., & Vasarhelyi, M. A. (2022). Continuous monitoring with machine learning and interactive data visualization: An application to a healthcare payroll process. International Journal of Accounting Information Systems, 46, 100570.

M134. Zhang, C. A., & Vasarhelyi, M. A. (2022). How to Teach a 14-Week Robotic Process Automation (RPA) Course for Accounting Students? Teaching RPA for accountants. Issues in Accounting Education.

M133. Huang, F., No, W. G., Vasarhelyi, M. A., & Yan, Z. (2022). Audit Data Analytics, Machine Learning, and Full Population Testing. The Journal of Finance and Data Science.

M132. Zhang, C., Thomas, C., & Vasarhelyi, M. A. (2022). Attended process automation in audit: A framework and a demonstration. Journal of Information Systems, 36(2), 101-124.

M131. Bora, I., Duan, H. K., Vasarhelyi, M. A., Zhang, C., & Dai, J. (2021). The transformation of government accountability and reporting. Journal of Emerging Technologies in Accounting, 18(2), 1-21.

M130. Wang, W., Vasarhelyi, M. A., ROSA, F., & de Freitas, M. M. (2021). The Relationship between Pandemic Circumstances, Social Factors and Government Policies. Administração Pública e Gestão Social.

M129. Yoon, K., Liu, Y., Chiu, T., & Vasarhelyi, M. A. (2021). Design and evaluation of an advanced continuous data level auditing system: A three-layer structure. International Journal of Accounting Information Systems, 42, 100524.

M128. Alles, M. G., Dai, J., & Vasarhelyi, M. A. (2021). Reporting 4.0: Business reporting for the age of mass customization. Journal of Emerging Technologies in Accounting, 18(1), 1-15.

M127. Alzamil, Z. S., Appelbaum, D., Glasgall, W., & Vasarhelyi, M. A. (2021). Applications of data analytics: cluster analysis of not-for-profit data. Journal of Information Systems, 35(3), 199-221.

M126. Cho, S., Lee, K., Cheong, A., No, W. G., & Vasarhelyi, M. A. (2021). Chain of values: Examining the economic impacts of blockchain on the value-added tax system. Journal of Management Information Systems, 38(2), 288-313.

M125. Appelbaum, D., Showalter, D. S., Sun, T., & Vasarhelyi, M. A. (2021). A framework for auditor data literacy: a normative position. Accounting Horizons, 35(2), 5-25.

M124. Cong, Y., Du, H., & Vasarhelyi, M. A. (2021). Cloud Computing Start-ups and Emerging Technologies: From Private Investors' Perspectives. Journal of Information Systems, 35(1), 47-64.

M123. Dai, J., & Vasarhelyi, M. A. (2020). Continuous audit intelligence as a service (CAIaaS) and intelligent app recommendations. Journal of Emerging Technologies in Accounting, 17(2), 1-15.

M122. Cho, S., Vasarhelyi, M. A., Sun, T., & Zhang, C. (2020). Learning from machine learning in accounting and assurance. Journal of Emerging Technologies in Accounting, 17(1), 1-10.

M121. Galvin, M., Munoko, I., & Vasarhelyi, M.A. (2020). A Collaboration Framework for Democratizing Compliance Analytics. International Review of Compliance and Business Ethics.

M120. Ding, K., Lev, B., Peng, X., Sun, T., & Vasarhelyi, M. A. (2020). Machine learning improves accounting estimates: Evidence from insurance payments. Review of accounting studies, 25, 1098-1134.

M119. Pei, D., & Vasarhelyi, M. A. (2020). Big data and algorithmic trading against periodic and tangible asset reporting: The need for U-XBRL. International Journal of Accounting Information Systems, 37, 100453.

M118. Munoko, I., Brown-Liburd, H. L., & Vasarhelyi, M.A. (2020). The ethical implications of using artificial intelligence in auditing. Journal of Business Ethics, 167, 209-234.

M117. Chiu, T., Wang, Y., & Vasarhelyi, M. A. (2020). The automation of financial statement fraud detection: a framework using process mining. Journal of Forensic and Investigative Accounting, 12 (1), 86, 108.

M116. Brown-Liburd, H., Cheong, A., Vasarhelyi, M. A., & Wang, X. (2019). Measuring with exogenous data (MED), and government economic monitoring (GEM). Journal of Emerging Technologies in Accounting, 16(1), 1-19.

M115. Cho, S., Vasarhelyi, M. A., & Zhang, C. (2019). The forthcoming data ecosystem for business measurement and assurance. Journal of Emerging Technologies in Accounting, 16(2), 1-21.

M114. Huang, F., No, W. G., & Vasarhelyi, M. A. (2019). Do Managers Use Extension Elements Strategically in the SEC's Tagged Data for Financial Statements Evidence from XBRL Complexity. *Journal of Information Systems*, 33(3),61–74.

M113. Kogan, A., Mayhew, B. W., & Vasarhelyi, M. A. (2019). Audit data analytics research—An application of design science methodology. Accounting Horizons, 33(3), 69-73.

M112. Alzamil, Z.S. & Vasarhelyi, M. A. (2019). A new model for effective and efficient open government data. *International Journal of Disclosure and Governance*

M111. Huang, F., & Vasarhelyi, M. A. (2019). Applying robotic process automation (RPA) in auditing: A framework. International Journal of Accounting Information Systems, 35, 100433.

M110. Cong, Y., Du, H., & Vasarhelyi, M. A. (2018). Technological disruption in accounting and auditing. Journal of Emerging Technologies in Accounting, 15(2), 1-10.

M109. Li, H., Dai, J., Gershberg, T., & Vasarhelyi, M. A. (2018). Understanding usage and value of audit analytics for internal auditors: An organizational approach. International Journal of Accounting Information Systems, 28, 59-76.

M108. Sun, T., & Vasarhelyi, M. A. (2018). Embracing textual data analytics in auditing with deep learning. International Journal of Digital Accounting Research, 18.

M107. Li, Q., & Vasarhelyi, M. A. (2018). Developing a cognitive assistant for the audit plan brainstorming session. The International Journal of Digital Accounting Research, 18(January), 119-140.

M106. Rozario, A. M., & Vasarhelyi, M. A. (2018). Auditing with Smart Contracts. The *International Journal of Digital Accounting Research*, *18*.

M105. Appelbaum, D. A., Kogan, A., & Vasarhelyi, M. A. (2018). Analytical procedures in external auditing: A comprehensive literature survey and framework for external audit analytics. Journal of Accounting Literature, 40(1), 83-101.

M104. Moffitt, K. C., Rozario, A. M., & Vasarhelyi, M. A. (2018). Robotic process automation for auditing. Journal of emerging technologies in accounting, 15(1), 1-10.

M103. Sun, T., & Vasarhelyi, M. A. (2018). Predicting credit card delinquencies: An application of deep neural networks. Intelligent Systems in Accounting, Finance and Management, 25(4), 174-189.

M102. Chiu, T., Huang, F., Liu, Y., & Vasarhelyi, M. A. (2018). The impact of non-timely 10-Q filings and audit firm size on audit fees. Managerial Auditing Journal, 33(5), 503-516.

M101. Appelbaum, D. A., Kogan, A., & Vasarhelyi, M. A. (2018). Analytical procedures in external auditing: A comprehensive literature survey and framework for external audit analytics. Journal of Accounting Literature, 40(January), 83–101.

M100. Zhang, L., Pei, D., & Vasarhelyi, M. A. (2017). Toward a new business reporting model. Journal of Emerging Technologies in Accounting, 14(2), 1-15.

M99. Appelbaum, D., Kogan, A., & Vasarhelyi, M. A. (2017). Big Data and analytics in the modern audit engagement: Research needs. Auditing: A Journal of Practice & Theory, 36(4), 1-27.

M98. Chakraborty, V., & Vasarhelyi, M. A. (2017). A hybrid method for taxonomy creation. The International Journal of Digital Accounting Research, 17(23), 33-65.

M97. No, W. G., & Vasarhelyi, M. A. (2017). Cybersecurity and continuous assurance. Journal of Emerging Technologies in Accounting, 14(1), 1-12.

M96. Appelbaum, D., Kogan, A., Vasarhelyi, M., & Yan, Z. (2017). Impact of business analytics and enterprise systems on managerial accounting. International journal of accounting information systems, 25, 29-44.

M95. Chiu, T., Wang, Y., & Vasarhelyi, M. A. (2017). A Framework of Applying Process Mining for Fraud Scheme Detection. Under review at Managerial Auditing Journal.

M94. Cong, Y., Du, H., & Vasarhelyi, M. A. (2017). Are XBRL Files Being Accessed? Evidence from the SEC EDGAR Log File Data Set. Journal of Information Systems.

M93. Appelbaum, D., Kogan, A., & Vasarhelyi, M. A. (2017). Big Data and Analytics in the Modern Audit Engagement: Research Needs. Auditing: A Journal of Practice and Theory.

M92. Dai, J., & Vasarhelyi, M. A. (2017). Toward blockchain-based accounting and assurance *Journal of Information Systems.* 31(3), 5–21.

M91. Issa, H., Sun, T., & Vasarhelyi, M. A. (2016). Research Ideas for Artificial Intelligence in Auditing: The Formalization of Audit and Workforce Supplementation. Journal of Emerging Technologies in Accounting, 13(2), 1-20.

M90. Dai, J., & Vasarhelyi, M. A. (2016). Imagineering Audit 4.0. Journal of Emerging Technologies in Accounting, 13(1), 1-15.

M89. Appelbaum, D., Kozlowski, S., Vasarhelyi, M. A., & White, J. (2016). Designing CA/CM to fit not-for-profit organizations. Managerial Auditing Journal, 31(1), 87-110.

M88. Brown-Liburd, H., & Vasarhelyi, M. A. (2015). Big Data and Audit Evidence. *Journal of Emerging Technologies in Accounting*, *12*(1), 1-16.

M87. Sun, T., Alles, M., & Vasarhelyi, M. A. (2015). Adopting continuous auditing: A cross-sectional comparison between China and the United States. *Managerial Auditing Journal*, *30*(2), 176-204.

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BELL LABORATORIES PUBLICATIONS

B06. Vasarhelyi, Miklos, K., and Wen Ling Hsu. "The Depreciation of Telephone Plant and Equipment." Document submitted to the U.S. Department of Treasury, (1994).

B05. Vasarhelyi, Miklos, and R. L. Linnell. "Executive Information Systems: Prospectives for FSAT." AT&T Bell Laboratories Internal Memorandum, (1991).

B04. Vasarhelyi, Miklos, S.B. Betts, and R. J. Pauly. "AT&T Corporate General Ledger Recommendation." Document number 58493-880223-01TM.

B03. Vasarhelyi, Miklos, F. B. Halper, and R. Fritz. "The Continuous Audit of Online Systems." Released AT&T Bell Laboratories document. (1991): 110-125.

B02. Vasarhelyi, Miklos, F. B. Halper, and J. S. Lavin. "The Internal Audit Measurement/Monitoring Project: Environment and Specifications." AT&T Bell Laboratories Internal Memorandum, (1988).

B01. Vasarhelyi, Miklos. "PALS: An Asset X Liabilities Analysis Environment for the Evaluation of Pension Funds." AT&T Bell Laboratories Engineering Notes, (1987).

OTHER PUBLICATIONS

L33. Vasarhelyi, Miklos. "The Coming Age of Continuous Assurance." Insights. Melbourne Business and Economics. April 2011. 23-30.

L32. Vasarhelyi, Miklos, and Michael Alles. "Continuous Monitoring and Assurance in a Real Time Economy." The Impact of European Integration On the National Economy: Business Information Systems. Babes-Bolyai University of Cluj-Napoca, October 2005: 1-20.

L31. Vasarhelyi, Miklos, and Wu, Jia "Electronic Commerce." Encyclopedia of Business and Economy. Macmillan Publishers, 2000.

L30. Vasarhelyi, Miklos, K. Nelson, Alexander Kogan, and R. Srivastava. "Inquiring Information Systems in the Boundary – less World: The FRAANK Example." Proceedings of the 1999 Americas Conference on Information Systems (AMCIS'99), Milwaukee: August 1999.

L29. Vasarhelyi, Miklos, and F. B. Halper. "Knowledge and Heuristics: The Experiences in the CPAS and CCM Efforts." Proceedings of the Deloitte and Touche Audit Research Symposium. University of Kansas, (1996).

L28. Vasarhelyi, Miklos. "Cognitive Style Tailored Accounting Information Systems." November 1996.

L27. Vasarhelyi, Miklos. "Discussant's Response to Neural Nets Versus Logistic Regression: A Comparison of Each Model's Ability to Predict Commercial Bank Failures." Proceedings of the Deloitte and Touche Audit Research Symposium. University of Kansas, (1990).

L26. Vasarhelyi, Miklos. "Internal Control Combination, A Simulation Study." January 1988.

L25. B. N. Srinidhi, and Miklos Vasarhelyi. "Towards Decision Aids in Internal Control Evaluation." January 1988.

L24. Vasarhelyi, Miklos, and David C. H. Yang. "Financial Accounting Databases: Methodological Implications of Using the Compustat and Value Line Databases." May 1988.

L23. Vasarhelyi, Miklos, and David C. H. Yang. "Technological Change and Management Information Systems." Proceedings of the 21st Annual Hawaii International Conference on Systems Sciences. Hawaii, 4. (1988).

L22. Vasarhelyi, Miklos, and D. C. Yang. "Selecting Financial Accounting Databases for Management Information Systems." Proceedings of the 20thAnnual Hawaii International Conference on Systems Sciences. Hawaii, (1987).

L21. Vasarhelyi, Miklos, and D. C. Yang. "Financial Accounting Databases: Issues for MIS Design." Proceedings of the 19th Annual Hawaii International Conference on Systems Sciences. Hawaii, (1986).

L20. Brown, Lawrence, and Miklos Vasarhelyi. "Using the Accounting Research Directory." March 1985.

L19. Vasarhelyi, Miklos, and Theodore J. Mock. "Context, Findings and Method in Cognitive Style Research: A Comparative Study." Proceedings of the Behavioral Decision Making Conference. University of Oklahoma, September 1983.

L18. Vasarhelyi, Miklos. "Counterintuitive Economic Consequences of Accounting Policies: A Dynamic Analysis." Proceedings of the International Systems Dynamics Conference. Boston, (1983).

L17. Vasarhelyi, Miklos, and David Yang. "FASB Statement 36 Data Bank: User's Manual." FASB, Version 2, March 1982.

L16. Vasarhelyi, Miklos. "Information Processing in a Simulated Stock Market Environment." Proceedings of the Conference On Management Information Systems. Boston, (1981).

L15. Vasarhelyi, Miklos, T. Verghese, A. Phillips, and B. Welch. "Documentation of FASB Statement 33 Data Bank Project." Stamford, CT: FASB, Version 2, 1981.

L14. Vasarhelyi, Miklos, T. Verghese, A. Phillips, and B. Welch. "FASB Statement 33 Data Bank: User's Manual." Stamford, CT: FASB, Version 4, 1981.

L13. Vasarhelyi, Miklos. "A Taxonomization of Internal Controls and Errors for Audit Research." Proceedings of the
Touche Ross University of KansasSymposium on Auditing
Problems. University of Kansas, (1980).

L12. Thomas, Lin W., and Miklos Vasarhelyi. "Zero – base Budgeting: An Analysis." Proceedings of the 1979 Western AIDS Conference. (1979).

L11. Vasarhelyi, Miklos, and R. O. Barthol. "Resistencias a Implantacao de Sistemas de Informacao Gerencial." Revista de Administracao de Empresas.March – April 1975.

L10. Vasarhelyi, Miklos, Theodore J. Mock, and John C. Fellingham. "The Use of Information and Gaming in Information Systems Research." Proceedings of the 1974 Winter Simulation Conference. Washington, D.C., January 1974.

L09. Vasarhelyi, Miklos, and Theodore J. Mock. "Sistemas de Informacao para Administracao." Revista de Administracao de Empresas. July – August 1974.

L08. Vasarhelyi, Miklos, and Daniel Schwabe. "Editores de Texto: Uma Experiencia em APL." Proceedings of the Brazilian National Data Processing Meeting. Internet Column for the ISACA Journal (Alexander Kogan and Ephraim Sudit). September 1974.

L07. Vasarhelyi, Miklos, and Theodore J. Mock. "Interactive Budgeting Models: A Simulation Tool for MIS Education." Proceedings of the 1973 Winter Simulation Conference. San Francisco, CA, January 1973.

L06. Vasarhelyi, Miklos, and Theodore J. Mock. "The Art of Online Debugging." Proceedings of the Online 72 Conference. England, (1972).

L05. Vasarhelyi, Miklos. "Simulation: A Tool for Design and Pre-Implementation Testing of Large Scale Software Systems." Proceedings of the 1971 Winter Simulation Conference. New York. (1971).

L04. Vasarhelyi, Miklos, J. F. Rockart, and L. Wakeman. "Familosa I." Intercollegiate Case Clearing House. Case #9-177-600.

L03. Vasarhelyi, Miklos, L. Wakeman, and Platte III Amstutz. "Familosa II." Intercollegiate Case Clearing House. Case #8-177-601. January 1969.

L02. Vasarhelyi, Miklos, Lin W. Thomas, Robert Benkaim, and Carlos Duclos Luis. "TREAT System Manual."

L01. Vasarhelyi, Miklos, Lin W. Thomas, and Ian Daley. "TREAT Instructor's Manual."

FEATURED ARTICLES

F07. "Contabilidade Technologia e Inovaçõ. " Revista Transparência do Ibracon, Instituto Dos Auditores Independentes Do Brasil. June, 2018. Ano 8 No. 30.

F06. Niesche, Christopher. "Beyond Plain Vanilla" ITBDigital.Com. April 2014. 51-53 (Forthcoming)

F05. Srivastava, Rajendra. "An Introduction to Evidential Reasoning for Decision Making Under Uncertainty: Bayesian and belief function perspectives." International Journal of Accounting Information Systems. Volume 12, issue 2., pp. 126 - 135. June. 2011.

F04. Kelly, Susan. "Monitoring the Monitors." Treasury and Risk Magazine. November 2009.

F03. McCann, David. "Doing the Internal Audit-Management Dance." CFO. 10 November 2009.

F02. Krell, Eric. "Continuous Controls Monitoring Case Study." Big Fat Finance Blog. 18 November 2009.

F01. McCann, David. "Internal Audit: The Continuous Conundrum." CFO. 18 September 2009.

COMMITTEE REPORTS

C07. Vasarhelyi, Miklos. "Reports of the American Accounting Association Follow-up Committee on the Future Structure, Content and Scope of Accounting Education." (1987-1988).

C06. Vasarhelyi, Miklos. "The Professional Environment Committee." (1986-1987).

C05. Vasarhelyi, Miklos. "Report of the Task Force on New Technology in Auditing." AAA. July 1986.

C04. Vasarhelyi, Miklos. "Report of Contemporary Approaches to Teaching Accounting Information Systems." AAA. October 1986.

C03. Vasarhelyi, Miklos. "The Usage of Computers in Auditing Teaching and Research." Report of the Technical Committee of the AAA Audit Section. June 1983.

C02. Vasarhelyi, Miklos. "Control Objectives." EDP Auditors Foundation. (1980).

C01. Vasarhelyi, Miklos, R. H. Ashton, and M. J. Barrett. "Report of the Committee on Human Information Processing." AAA. Sarasota, FL, August 1977.

RESEARCH IN PROGRESS/WORKING PAPERS

Vasarhelyi, Miklos. Continuous Assurance and Monitoring of Complex Systems.

Vasarhelyi, Miklos. Natural Language Properties and the Tagging of XBRL Statements.

Vasarhelyi, Miklos. Market Reaction to Financial Statement Semantics.

Vasarhelyi, Miklos, Michael G. Alles, and Alexander Kogan. "Principles and Problems of Audit Automation as a Precursor to Continuous Auditing."

Vasarhelyi, Miklos, Michael Alles, Alexander Kogan, and Jia Wu. "The Implications of Unconstrained Data Availability and Aggregation Choice on Continuous Auditing Procedures."

OTHER UNPUBLISHED PAPERS[MV1]

O22. Vasarhelyi, Miklos, Alexander Kogan and Ephraim F. Sudit "Issues in Pricing of and Accounting for Internet Packet Delivery Service." (June 1998)

O21. Vasarhelyi, Miklos and David C.H. Yang. "The Integration of Financial Accounting Databases into a Management Information System." (March 1986)

O20. Vasarhelyi, Miklos. "Reliability Theory and Internal Control Evaluation" (April 1985)

O19. Vasarhelyi, Miklos. "The Paperless Classroom" (November 1984)

O18. Vasarhelyi, Miklos. "Cognitive Style and Information System Design"

O17. Lin, Thomas. Mock, Theodore., Lauren Newton and Miklos Vasarhelyi. "A Review of Audit Research." (October 1979) Working paper N183A

O16. Vasarhelyi, Miklos and Paul Gray. "Personnel Planning for CPA Firms." (April 1978)

O15. Vasarhelyi, Miklos. "Audit of Computer Readable Records: A study of Process." (December 1978)

O14. Vasarhelyi, Miklos and Theodore J. Mock. "An Investigation of Cognitive Style and Accounting Information Structures within two Experimental Settings." Working Paper #1 (January 1977)

O13. Vasarhelyi, Miklos and Theodore J. Mock. "An Information Processing Analysis of Budget Variance Information." (July,1977)

O12. Vasarhelyi, Miklos and Jose Carlos Sardinha, "Classroom Allocation: A Heuristic Application of APL." (Sept, 1976)

O11. Mock, Theodore, M. Vasarhelyi and John Howard. "The APPCO Automated System and its use in an Integrated MBA Program." (1975)

O10. Vasarhelyi, Miklos, Theodore J. Mock and Frank Ewing-Chow. "An Investigation into Cognitive styles and Patterns of Behavior within an Investment Framework." August1975

O09. Vasarhelyi, Miklos and John Clark Fellingham, "Simulation of Large Software System: Implementation, Methodology and Utilization of APL"

O08. Vasarhelyi, Miklos. "An Experimental Study of User Perception of Inflation Accounting Data."

O07. Vasarhelyi, Miklos and Theodore J. Mock. "Some Implication of feedback systems in the accounting Process"

O06. Vasarhelyi, Miklos., M. Pereira da Silva, Murilo de Gusmao Pinto Lopes. "Similacao De Sistemas De Informacao: Uma Experiencia De Similacao Do Sistema IMS Usando GPSS."

O05. Vasarhelyi, Miklos and Michael L. Moore. "Inflation and Taxation: A Comparison of the Brazilian and American Cases."

O04. Vasarhelyi, Miklos "Working Paper Automation: An Audit Decisions Support Tool."

O03. Vasarhelyi, Miklos "Accounting Information and Stock Market Decisions: A Laboratory study."

O02. Vasarhelyi, Miklos "Empirical Testing of Dichotomous Cognitive Style Framework."

O01. Vasarhelyi, Miklos. "The Determination of Conjoint Materiality: A Simulation study."

FUNDED RESEARCH & FUND RAISING

Irfan Bora, Ben Yoon, & Miklos Vasarhelyi - GIL CRAIN MEMORIAL RESEARCH GRANT PROGRAM – 'Analytical and Computational Methods for Post-Implementation Review', 2020.

Principal Investigator RADAR project, 2018-2020.

Principal investigator for Itau Unibanco, 2009-2015.

Principal investigator of KPMG funding for CARLAB, 2004-2015.

Vasarhelyi, Miklos, Alexander Kogan, and R. Srivastava - Joint Principal Investigator of the EAAT project on the futurity of auditing and the scorecard of business. Funded by the Ernst & Young Foundation, 2000.

Vasarhelyi, Miklos, Alexander Kogan, B. Schlosser, and Ephraim Sudit

- The Rutgers Accounting Web. Commissioned by NCAIR, 1994-1997.

Vasarhelyi, Miklos, and F. B. Halper - Principal Investigator of "Continuous Control Monitoring." Commissioned by the Institute of Internal Auditors, 1991.

Project coordinator of "Accounting As An Information Function." Commissioned by the Accounting Education Change Commission, 1990.

Chair of Computer Committee at the Graduate School of Business, Columbia University. Obtained funding for the $3 million equivalent computer project joint with IBM.

Single investigator. "Databases in Accounting Research." A research monograph commissioned by the American Accounting Association, 1984.

Project coordinator. "Inflation and Pension Accounting Data Banks: 1981-1983." Funded by IBM, Morgan Guarantee Trust, Shell Oil, Exxon, and General Electric, 1982-1983.

Project coordinator. "Inflation and Pension Accounting Data Banks: 1979-1980." Funded by the Financial Accounting Standards Board, 1981.

Principal investigator. "A Project for Maintenance, Adaptation, and Presentation of the TREAT System." Funded by the Touche Ross Foundation, 1980.

Principal investigator. "Experimental Studies on the Measurement of Internal Controls." Funded by Peat Marwick, Mitchell Foundations Program of Research Opportunities in Auditing, 1979.

Principal investigator on the two-year project. "Educational Research in Computer Auditing, Computer Audit Package Simulation." Funded by the Touche Ross Foundation, 1978.

Obtained about $2 million in 1973 from Brazilian Planning Ministry and USAID for hardware expansion at the Rio Datacenter.

PROFESSIONAL ACTIVITIES/SERVICE

EDITORIAL BOARD PARTICIPATION: PAST & PRESENT

E08. Senior Editor, Journal of Emerging Technologies in Accounting (2015-2023)

E07. Senior Editor, Journal of Information Systems (2012-2014)

E06. Co–Editor, International Journal of Digital Accounting Research (2004-Present)

E05. Founding Editor, Journal of Emerging Technologies in Accounting (JETA) (2002-2008)

E04. Editorial Board, ISACA Journal

E03. Editorial Board, International Journal of Accounting Information Systems

E02. Past Editorial Boards: Auditing: A Journal of Practice and Theory, Journal of Accounting Education, Advances in Accounting, Advances in Management Information Systems, Journal of Information Systems, Information Systems Audit and Control Journal, International Journal of Artificial Intelligence and Expert Systems, and International Journal of Information Integrity

E01. Ad Hoc Referee for The Accounting Review, Journal of Accounting Research, Management Science, Accounting Horizons, National Science Foundation, and several others.

SELECTED SCHOLARLY PAPERS, LECTURES, CONFERENCES, & OTHERS

S17. Chaired Ph.D. Committees of Silvia Romero, Vasundra Chakraborty, and YongBum Kim.

S16. Over 20 presentations in the 1995/1996 academic year on issues about the Internet.

S15. Member of the Technology Advisory Committee of the AAA, IMA, and IIA.

S14. Program coordinator for the First and Second Brazilian National meeting on Management Information Systems (1973/1974) as well as multiple seminars for

executives in several states of Brazil on Accounting and Computer subjects. These seminars were for the Brazilian Armed Forces, Ministry of Planning, and IBM.

S13. Chairman of sessions at AIDS, AAA, and TIMS meetings at several occasions; both were at regional and national levels.

S12. Presented papers at all National AAA meetings since 1974. Presented papers at the Western and Northwestern AAA regional meetings. Presented papers at TIMS, AIDS, ACM, ICIS, and SMIS meetings.

S11. Participant in the Touche Ross STRATA and TRUEBLOOD seminars, Deloitte Haskins & Sells AUDITAPE and AUDASSIST seminars, Ernst & Whinney's Statistical Sampling seminars, and several others.

S10. Participant at numerous Audit Research conferences, including in Georgia, North Carolina, Texas, Florida, Illinois, USC, and Kansas.

S09. Presented papers at the West Coast Financial Reporting Group in December 1977 and February 1978.

S08. Directed and taught in the Financial Planning and Control Seminar of Columbia University, Arden House in 1979-1985. Taught in the Commercial Banking Program, Consumer Credit Program, and the Financial Management Program at the Arden House.

S07. Presented tutorials on the TREAT (Terminal Related Educational Audit Tool) at the South Western (Houston), Western (Reno), Northeastern (New York), Ohio (Bowling Green), Midwestern (Chicago), Southeastern (Columbia, NC), and National (Honolulu and Boston) meetings of the AAA in 1979-1980. Presented tutorials on the RE-TREAT system at the Southeastern (Biloxi, Miss.) and Northeastern (Boston, Mass) regional meetings of the AAA in 1984.

S06. Presented sections at the AICPA Computer Conference in Atlanta in 1983 and 1984. Presented a paper at the IIA International Conference at Chicago in 1984. Presented at NAA, IIA and SIGAPL meetings in 1985. Presented at the EDPAA conferences in 1991 and 1992, as well as many IIA conferences in the 1985 through 1992 period.

S05. Member of the Publications and Education Committees of the MAS section of the AAA in 1978. Chairman of the first technical committee of the Audit section of the AAA: "Committee on the Usage of Computers in Audit Education and Research" in 1980-1981. Member of the AAA "Committee on Notable Contributions to the Accounting Literature" in 1980-1981. Member of the AAA "Committee on the Usage of Computers in Accounting Education" during 1983-1984 and 1985-1986. Member of the AAA "Committee on Technology Assessment of the Audit Section" in 1985-1986.

S04. Member of the Electronic Materials Committee in 1994 and 1995, and of the Electronic Dissemination Committee in 1995 and 1996 of the American Accounting Association.

S03. Director of Research, American Accounting Association, AI/ES section, 1991-1993, 1995.

S02. Editor, Rutgers Accounting and Information Systems Research Series, publisher Markus Wiener Inc.

S01. Member and sometimes chair of many committees at USC, Columbia, Bell Labs and Rutgers. More recently chair of the Computer Policy Committee at Rutgers and Bell Labs, as well as several functions at the Provost Advisory Board of the Rutgers Newark campus.

PATENTS

P01. Applications of an Intelligent Financial Reporting and Auditing Agent with Net Knowledge (FRAANK)

AWARDS & HONORS

A32. Recipient of the 2021 Dean's Meritorious Teaching Innovations Award, November 2021

A31. The Bright Idea Award for "The automation of financial statement fraud detection: A framework using process mining" by the Stillman School of Business at Seton Hall university, October 2021.

A30. AAA – AICPA sponsored Notable contributions to Accounting Literature Award (with Jun Dai) 2021.

A29. AICPA Distinguished Achievement in Accounting Education Award, AAA Annual Meeting, Aug 2018

A28. The Bright Idea Award for "Imagineering Audit 4.0" by the Stillman School of Business at Seton Hall University, October 2017

A27. Collar of Merit of the Tribunal of Accounts of the Union, October 2016

A26. 2016 Rutgers Business School Dean's Meritorious Award

A25. American Association Outstanding Educator Award, August 2013[MV2]

A24. 2011 Outstanding Educator Award, by AAA Strategic Emerging Technologies Section. August 2011

A.23. ISACA New York Metropolitan Chapter, Joseph, J. Wasserman Award, June 2011

A22. CPA Australia Research Lecture, Medal from University of Melburn October 2010

A21. Award for "Notable Contribution to the Literature for Continuous Audit of Online Systems" by AAA August2010.

A20. Academic Advocate for ISACA. (2008-2012)

A19. The Bright Idea Award for "Reengineering Business Reporting: Creating a Test Bed for Technology Based Reporting" by the Stillman School of Business at Seton Hall University and the NJPRO Foundation, September 2009.

A18. Special Service Award, AIET AAA for two times editorship of JETA, August 2008.

A17. Best Paper Award for "An Evidential Reasoning Approach to Sarbanes-Oxley Mandated Internal Control Risk Assessment", 5th ICESAL, July 2008.

A16. The Bright Idea Award for Accounting sponsored by the Stillman School of Business at Seton Hall University and the NJPRO Foundation for "Guarding the Auditing Guards", September 2007.

A15. The Officer's Cross of the Order of Merit of the Republic of Hungary, the President of the Republic of Hungary, 2005.

A14. Doctor Honoris Causa, Babes Bolyai University, 2005.

A13. Senior Fulbright Fellow, 2005.

A12. Research Award, AIET AAA, 2002.

A11. Outstanding Service Award, AAA, 1998.

A10. Chair of AAA – Artificial Intelligence/Expert Systems section, 1997.

A09. Hall of Fame, AAA – North East, 1995.

A08. Exceptional Contributions Award, AT&T Bell Laboratories, 1987, 1988, 1989.

A07. Summer Deering Fellow, Columbia University, 1979, 1980, 1981, and 1982.

A06. Research Award, Commerce Associates, USC, 1975.

A05. Invited Speaker, Brazilian National Computer meeting, 1974.

A04. United States Agency for International Development Fellowship, 1972-1974.

A03. Beta Gamma Sigma, 1972.

A02.5. Teaching Award for Teaching Assistants, UCLA, 1971.

A02. Pan American Union Scholarship, September, 1969 to September, 1971.

A01. United States Agency for International Development Fellowship 1972 to 1974.

PERSONAL

PROFESSIONAL MEMBERSHIPS

American Accounting Association (AAA)
Institute for Internal Auditors
Institute for Management Accountants
AICPA
ISACA

LANGUAGES SPOKEN

English, French, Hungarian, Portuguese, and Spanish

SOME RECENT COURSES TAUGHT

PhD Level:
Auditing Research Methodology

Exogenous Variables and AI

Survey of AIS

MBA Level:

Accounting in a Digital Era & Management Accounting
Cooking the Books
Introduction to Information Technology
Auditing
Advanced Design and Development of Information Systems (Expert Systems and AI)
Financial Statement Analysis (Using some cyber technology)

COMMITTEES

Academic

Rutgers Newark Technology Policy Committee (2008-2009)
Rutgers Newark Planning Committee (2008-2009)
Rutgers Newark Faculty Council Representative (2005-2013)
Rutgers Business School IEMBA Academic Advisory Committee
Rutgers Business School GEMBA Committee
Chair, ABEIS Recruiting Committee
PhD Program Director ABEIS
Rutgers GSM Planning / Special Strategy Committee
Financial Reporting Committee-IMA
Financial Reporting Committee of the AICPA

Professional

American Accounting Association: AI impact on Publications 92023)
American Accounting Association's Outstanding Accounting Educator Award Committee
Chair of the Global Communications Committee of the IAFEI
American Accounting Association's Program Advisory Committee (1997, 1998,

2002)
American Institute of Certified Public Accountants – Systems Reliability
Committee
AICPA – Liaison of SYSTRUST with the XBRL committee
Institute of Management Accountants – Information Technology Committee
New Jersey Society of Certified Public Accountants – Technology Advisory
Committee

PROFESSIONAL ACTIVITIES

Boards (Past & Present):

Directors

§ BZL Fund (NYSE)

§ Edgar Online (EDGAR, Nasdaq)

§ IMA

§ Three private companies

Advisory

§ Goldridge

§ Market Matrix

§ Lukka

§ Two private companies

Executive Seminars / Action Learning

Corporate (2001-2002):
§ GE
§ J&J
§ Eli Lilly
§ Volvo
§ Pirelli
§ Baxter
§ Teleste

- § Boeing
- § BHP
- § AT&T
- § Honeywell

University:
- § Columbia
- § Rutgers EMBA (Beijing, Shanghai, Singapore)
- § Monaco
- § University Bocconi (Milan)
- § Nordic

SELECTED INTERNATIONAL EXECUTIVE SEMINARS

S13. 1998-2005: International University of Monaco, ISM, Managerial Accounting.

S12. 1996-2009: Theseus Institute, France E-Commerce, CRM, Digital Economy.

S11. 1994, 1995, 1996: Advanced Financial Management Executive Program, Arden House, Columbia University**.**

S10. 1995: Catho Group (Brazil): Using the Internet seminars.

S09. 1994 & 1995: Theseus Institute (France): Accounting for Managers and Information Systems Management.

S08. 1986: Arden House: Accounting & Finance for the Nonfinancial Executive, Financial Management Program, Bank Management Program.

S07. 1985: AT&T Bell Laboratories: Accounting & Finance Seminar.
Arden House: Accounting & Finance for the Nonfinancial Executive, Financial Management Program, Alumni Consumer Credit, Management of Financial Institutions.

S06. 1984: Bell & Howell, EDP Audit Seminar. AT&T Bell Laboratories: Accounting & Finance Seminar. Curacao: Office Automation, MIS. Sao Paulo, Brazil: MIS, EDP Audit. Arden House: Accounting & Finance for the Nonfinancial Executive, Financial Management Program, Bank Management

Program, Consumer Credit Program.

S05. 1983: Curacao: Word Processing, MIS. Arden House: Accounting & Finance for the Nonfinancial Executive, Financial Management Program, Bank Management Program.

S04. 1982: Sao Paulo, Brazil: MIS. Curacao & Aruba: MIS, EDP audit. Universita Luigi Bocconi & Studio Ambrosetti, Milan Italy: EDP audit Bogotta & Medellin, Colombia: Accounting & Finance Arden House: Accounting & Finance for the Nonfinancial Executive, Financial Management Program, Bank Management Program.

S03. 1981: Rio de Janeiro & Sao Paulo, Brazil: Audit of Online Systems, EDP audit. Santiago, Chile: EDP audit. Cali & Barranquilla, Colombia: Financial Information Systems. Arden House: Accounting & Finance for the Nonfinancial Executive, Financial Management Program, Bank Management Program.
S02. 1980: Monterrey, Mexico: Accounting & Finance. Sao Paulo, Brazil: EDP audit, computers in accounting & finance. Cartagena & Barranquilla, Colombia: computers in accounting & finance. Arden House: Accounting & Finance for the Nonfinancial Executive.

S01. 1979: Curitiba, Recife & Foz do Iguassu: Computers in Accounting & Finance, EDP audit. Arden House: Accounting & Finance for the Nonfinancial Executive.

SELECTED ACTIVITIES (JANUARY 1996 - 2023)

2023

December 12, 2023 - Presented "Towards a very different set of Audit Data Standards (ADS)" at International Standards Organization tc 295

December 8, 2023 - Presented "Extracting Financial Data from Unstructured Sources: Leveraging Large Language Models" at BIGS India

December 3, 2023 - Presented "Rethinking Government Financial Reporting" at 59 WCARS FGV Braisl and UFSC Florianopolis and VICE update

November 26, 2023 - Presented "The risks of Generative technology" at IIA Brasil with Moffitt

November 21, 2023 - Presented "Generative AI's Potential Impact on the Audit Profession" at KPMG Denver Perspectives Conference with Ed Moran

November 20, 2023 - Participated in PCAOB Taskforce on analytic Technology meeting

November 15, 2023 - Presented "The Interface of Digital Technologies ad the Accounting Profession" at Malasian IRSAM

November 3, 2023 - Presented "Exo Audit" at 58 WCARS Newark with Gu and Dardani

October 27, 2023 - Presented "A cordial dialogue on diverse gAI topics" at TTW SET conference with Cohen

October 12, 2023 - Presented CARLAB Projects on large Language Models at GFOA AI spectacular

October 5, 2023 - Presented "Towards A Real-Time Financial Statement Fraud Detection Using Machine Learning " and "Going Concern Opinions (GCOs) Are Noisy and Biased – How Can Machine Learning Improve Going Concern Assessments?" at PCAOB conference on auditing and Capital markets with Zhang, Gu, Jiang

September 28, 2023 - Presented "The Revolution of Real-time Information in Modern Decision-making" with Yao and Tsui at UWCISA 2023 at Waterloo University

September 7, 2023 - Presented "Application of Outlier Detection Methods in Audit Analytics Business Education 4.0: Innovation, Flexibility, and Scalability" at 57 WCARS in Durham UK keynote with Hwang

August 8, 2023 - Presented Multiple co-authored papers at AAA National meeting in Denver

July 3, 2023 - Presented "SMART REA: Modernizing REA Framework with Smart Contract for ESG Performance Monitoring " with Gu, Cheong & Hong at DIFE 2023

June 22, 2023 - Presented "Deep Conitnuous Auditing – detecting Accounting Anomalies using Federated Continual Deep Learning" with Schreyer at ISAIS MSU

June 20, 2023 - Presented "AI in Accounting: where do we go?" at the 12th International Management Control Association conference in Durham, UK

June 12, 2023 - Presented "Management Accounting 4.0" with Jun Dai at IMA national meeting

June 3, 2023 - Presented "How technology is changing accounting" at University of Toronto AI Conference

June 2, 2023 - Presented "Going Concern Opinions (GCOs) Are Noisy and Biased – How Can We Improve Them? " at CJAR PBFEAM (Taiwan) with Zhang

May 22, 2023 - Presented "Rethinking government reporting" at GFOA Portland

May 16, 2023 - Presented "Technology Trends in Government Financial Reporting" at Missouri Society of CPAs

May 4, 2023 - Presented "Digital Innovation in Internal Audit" with Cheong and Hong at IIA presentation NYC

April 27, 2023 - Participated 56 WCARS Madrid Spain at the Bank of Spain and presented Deloitte presentation at Comillas University

March 24, 2023 - Participated Seminar at NOVAA University, FLA

February 17, 2023 - Participated EAA--meet the editors seminar

February 15, 2023 - Presented "Going Concern Opinions (GCOs) Are Noisy and Biased – How Can We Improve Them?" at Seminar at Stevens institute of technology

February 2, 2023 - Participated Celonis academic meeting

January 31, 2023 - Presented "Digital transformation solutions" at RSM executive meeting

January 26, 2023 - Presented "Government ESG reporting in Smart cities" at Midyear SET meeting

January 15, 2023 - Participated Midyear Audit Session at Austin TX

January 10, 2023 - Presented "Using Semi-Supervised Learning to Detect and Predict Unlabeled Restatements" at Keynote 55 WCARS, Visakhapatnam, India

2022

December 10, 2022 - Presented "Blockchain-Enabled Continuous Auditing: An Approach of Integrating Blockchain-Enabled Smart Contracts with Business Process Management" at SIG ASYS Copenhagen

December 1, 2022 - Participated FGV conference Rio de Janeiro

November 10, 2022 - Chair Show and Tell Germany meeting

November 4, 2022 - Presented "The risks of Generative technology" at 53 WCARS Newark

October 5, 2022 - Presented CarLab work at KPMG show and tell meeting

September 18, 2022 - Presented "Auditoria continua, Inteligencia Artificial, e o Metaverso" at Congresso UFSC

September 16, 2022 - Presented "Continuous audit, AI, and the metaverse" at TT SET with Dai

September 14, 2022 - Presented CarLab overview at Itaú Bank

September 2, 2022 - Presented "PROMIMAL: A New Paradigm of Internal Control Evaluation Using Process Mining and Machine Learning" at IJAIS Germany With Duan and OCndesso

August 26, 2022 - Presented "Teaching Blockchain to accounting Students" at AAA Faculty Hour with Kim, Dai & Leonardson

August 3, 2022 - Presented "Auditoria continua, Inteligência Artificial, e o Metaverso" at COBACI

July 30, 2022 - Presented "The Revolution of Real-time Information in Modern Decision-making" at AAA National Meeting

July 22, 2022 - Presented "Teaching Predictive Audit Data Analytic Techniques: Time Series Forecasting with Transactional and Exogenous Data" at AIS Educators conference with Appelbaum & Kogan

July 6, 2022 - Presented "Blockchain-Enabled Continuous Auditing: An Approach of Integrating Blockchain-Enabled Smart Contracts with Business Process Management" at ISAIS Melbourne with Kim, Lyrio & Dai

June 22, 2022 - Presented "Towards a continuous Measurement Model" at EKnow Porot

June 26, 2022 - Presented "AI in Accounting: where do we go?" at 12th International Management Control Association Conference Durham UK

June 22, 2022 - Presented "Continuous Audit, AI and the Metaverse" at ISACA

May 16, 2022 - Participated AICPA – DAS ML workshop

May 11, 2022 - Presented "Continuous Control Monitoring with Machine Learning and Interactive Data Visualization: An Application to a Healthcare Payroll Process" at EAA with Maria Zhang

May 10, 2022 - Presented CACM at University of Waterloo

April 27, 2022 - Participated Hong Kong Big data Seminar

April 14, 2022 - Presented "Audit 4.0-based ESG Assurance: An Example of Using Satellite Images on GHG Emissions" at PBFEAM conference

March 25, 2022 - Participated Cybersecurity seminar at University of Maryland

February 23, 2022 - Presented CACM at Greek Tax Authorities

February 18, 2022 - Presented "Ultramaratona de Business Intelligence and Analytics" at University of Coimbra

February 16, 2022 - Keynote speech at World Bank Technology Seminar

February 11, 2022 - AES presentation with Jun Dai at Big Ideas Seminar

January 19, 2022 - Participant Midyear SET meeting

January 18, 2022 - Presented Continuous Assurance to the Montblanc group with Juang & Zhang

January 6, 2022 - Presented "Explainable AI" at AICPA with A. Zhang

2021

December 2, 2021 - Presented "Technology Trends in Government Financial Reporting" at the CGAER, Rutgers University. (Virtual)

October 28, 2021 - Participated in 2021 PCAOB Conference on Auditing and Capital Markets Agenda.

October 16, 2021 – Participated in the UW CISA 2021 Symposium, University of Waterloo, Canada. (Virtual)

February 4, 2021 – Participated in the UWCISA JIS on Data Value Creation Research, University of Waterloo, Canada. (Virtual)

February 5, 2021 – Panelist on "A5 Standards" at the AIS SET section of the American Accounting Association mid-year meeting online.

March 19, 2021 – Joint collaboration between Rutgers CAR Lab -Durham University, UK on the DRAAN (Durham Rutgers Audit Analytics Network) seminar series – Co-hosted "Digital Audit Research Project" online.

March 26, 2021 – Present "A Machine Learning Approach of Measuring Audit Quality with Surprise Scores: Evidence from China" at the Egyptian Online Seminars in Business, Accounting and Economics in Cairo, Egypt. (Virtual)

June 28, 2021. Recognized by NJ BIZ as # 2 in the NJBIZ Power Accountants".

July 16, 2021 – Keynote speaker (The Evolution of Technology and Its Impact on Education) at the Accounting Educators Annual Meeting, Colorado (Virtual)

2020
May 7, 2020 – Participated in an AI Forum at PWC, Tampa, FL.

August 2020 – Participated in the American Accounting Association Annual Meeting online.

September 24-25, 2020 – Presented "AI in Auditing" at the 48 WCARS joint virtual symposium with Bank of Madrid and University of Huelva, Spain.

SEPTEMBER 28, 2020 – Presented "Continuous Assurance" at the virtual National State Auditors Information Technology Conference, Trenton, NJ.

October 9, 2020 – presented "Big Data Analytics & Accounting Information Systems in Health Care Sector" at 49 WCARS jointly with Durham University, UK. (Virtual)

October 14, 2020 – Presented at the 11th Biennial Symposium on Information Integrity and Information Systems Assurance hosted online by the University of Waterloo, Canada.
November 6-7, 2020 – Chair – 50 World Continuous Auditing & Reporting Symposium held online by Rutgers Business School, Newark, NJ.

December 3, 2020 – Presented "Current Developments in Audit and Data Analytics in Government "at the Governmental Accounting & Auditing Update Conference held online by Rutgers Business School in New Brunswick, NJ.

December 9, 2020 – Presented "Continuous Comprehensive Reporting for Governmental Entities: A Vision at joint V Colloquium on Public Accounting & Data Analytics hosted online by Rutgers and Fundacion Gentulio Vargas, Brazil.

2019

September 17, 2019 – Keynote Speaker at the 39th edition CONBRAI 2019 hosted by the IIA in Florianopolis, Brazil and presented "Technological Innovation in Continuous Audit and Data Analytics."

September 13, 2019 – Keynote Speaker at RSM Nederland Accountants. NV Course week in Netherlands

July 15-16, 2019 - Attended the 8th Annual Municipal Finance Conference at the Brookings Institution in Washington D.C. and presented the "Big Data based Government Economic Monitoring & Targeted Action" (GEM) illustrating the city of Newark.

July 8-9, 2019 - Attended the "Digital Transformation of Audit program" in the University of Pisa, Italy at the 2019 Summer School in Public Auditing and Accountability and presented "Process mining of event logs in audit -

opportunities and challenges." and "Digital transformation of audit –Trends, challenges and opportunities."

June 11, 2019 – Attended the "Process, Risk, and Technology Summit" hosted by EisnerAmper in Iselin, NJ and Presented "Trends in Accounting and Emerging Technology; what is the Future of the Profession."

April 4 -5, 2019 – Attended PCAOB's AAA annual meeting in Washington, D.C.
March 21-22, 2019 – Co-Chair of the 44th WCARS in Seville, Spain and Presented, "Artificial Intelligence in Auditing and Accounting."

February 2019 – Taught in the IEMBA Program in Singapore.
January 10-12, 2019- Attended the "AIS/SET Midyear Meeting" in San Diego, Texas to present" Enterprise Crowdsourcing Innovation in the Big 4 Consulting Firm."

2018

November 29, 2018 - Attended the "2018 Rutgers Governmental Accounting and Auditing Update Conference" at Douglass College Center to present "Future of the Audit Profession."

October 10, 2018 – Attended the PCAOB Data and Technology Task Force Meeting in Washington, DC

August 3-8, 2018 - Attended the American Accounting Association Annual Meeting as a Panelist and presented "Accounting for Change: Incorporating emerging technologies into the Accounting Profession."

July 26, 2018 - Presented "The Big Data Value Chain in the Auditing Process" at the Public Auditing and Accounting Data Mining and Analytics Summer Session at the University of Pisa in Italy.

June 13, 2018 - Co-Chair of the 3rd Public Sector Accounting and Data Analytics Colloquium in Rio de Janeiro at Fundacion Gentilio Vargas (FGV). Presented "AI and Analytics in Public Sector Accounting and Assurance."

June 11-12, 2018- Keynote Speaker at IBRACION Conference in San Paulo, Brazil. Presented "The Future of the Profession" at the Brazilian Conference on

Independent Auditors. Panelist on "Practical Experiences of the Application of New Technologies in Independent Auditing"

June 8, 2018 - Co-Chair & Presenter at the 42nd World Continuous Auditing and Reporting Symposium in Florianopolis, Brazil at the University of Santa Catarina. Presented RADAR (Rutgers AICPA Data Analytics Research Initiative) and ADA (Audit Data Analytics)

June 6, 2018 – Presented "The Future of Audit" a perspective from the Rutgers AICPA Data Analytics Research Initiative at the International Symposium of Accounting Information Systems (ISAIS) at the University of Melbourne, Australia.

May 14, 2018 – Attended the Elevate Conference at KPMG in Chicago, Illinois.

May 7-8, 2018 – Guest Speaker at Durham University, United Kingdom.

May 2-3, 2018 – Attended British Accounting and finance Association (BAFA) Conference in the United Kingdom.

April 26, 2018 – Presented "Ai and Technology at the service of Accounting and Auditing" as a keynote speaker at the "Brazilian Seminar on Accounting to Public Sector Costs" Conference in Brasilia, Brazil.

April 12-13, 2018 – Attended the PCAOB/AAA Annual Meeting in Washington, D.C.

March 19, 2018 –Presented "How IT is Changing the Accounting Profession and its Implications for Accounting Programs." at Bryant University in Rhode Island.

January 19-20, 2018 –Editor Update speaker at the AIS/SET Mid-Year Meeting of the AAA in Newport Beach, CA.

January 17-18, 2018 – Attended the ASEC Committee Meeting of the AICPA in New Orleans, Louisiana.

January 11-13, 2018 – Attended AAA Auditing Mid-Year Meeting in Portland, Oregon.

January 10, 2018 – Guest lecturer at the University of Seattle, Washington.

2017

December 16, 2017 –Presented "AI/Big Data and Accounting" to the Korean Accounting Association Winter Conference and the Korean Accounting Association (KAA) in Seoul, South Korea.

December 15, 2017 –Presented "Fraud Detection using AI in US" to the Future Accounting Committee of Korean Accounting Association (KAA) Monthly Meeting in Seoul, South Korea.

December 13, 2017 –Presented "AI and Audit" to the Korean Institute of Certified Public Accountants (KICPA) Workshop in Seoul, South Korea.

December 9, 2017 –Presented "The RADAR Project: Analytics for the Future of Audit." at the Pre-ICIS Conference in Seoul, South Korea.

November 19-21, 2017 – Guest Lecturer at Zayed University in Dubai, UAE.

November 9-10, 2017 – Co-Chaired the 41st World Continuous Auditing and Reporting Symposium in Heulva, Spain.

November 6-7, 2017 – Attended the XBRL - Data Amplified Conference in Paris and presented "Automated Training & Yearly Reporting the need for RT-XBRL.

November 3-4, 2017 – Chaired the 40th World Continuous Auditing and Reporting Symposium at Rutgers University in Newark and served as a moderator on the AICPA/RADAR Panel.

October 26, 2017 – Attended the PCAOB/JAR Conference in Washington, DC.

October 21, 2017 – Participated as a moderator for RADAR: Rutgers AICPA Data Analytics Research Initiative at the 10th Biennial Symposium of the University of Waterloo Centre for Information Integrity and Information Systems Assurance in Waterloo, Ontario, Canada.

October 20, 2017 – Presented "Cyber Risk Disclosure and Cybersecurity Disclosure Guidance" at the 10th Biennial Symposium of the University of Waterloo Centre for Information Integrity and Information Systems Assurance in Waterloo, Ontario, Canada.

October 14, 2017 – Attended the UWCISA Conference in Toronto, Canada and presented the Rutgers AICPA - RADAR Initiative.

September 8, 2017 – Presented "Is Your Program Ready? D&A Program Trends" at the Accounting Is Big Data Conference in Brooklyn, NYC.

June 30, 2017 – Presented "Auditing, The Technological Revolution and Public Good." at the PIOB (Public Interest Oversight Board) in Madrid, Spain.

June 21, 2017 – Keynote speaker at 12th Iberian Conference on System and Technology. Presented "The Technological Revolution and Auditing" in Lisbon, Portugal.

June 14, 2017 – Participated in the Executive Round Table of NY Metropolitan Chapter of ISACA.

June 7, 2017 – Panelist on "Regulating Professional Skepticism in the Age of Artificial Intelligence and Data Analytics" at the 2017 Western Regional Meeting of NASBA in Couer d'Alene, Idaho.

May 26, 2017 – Presented the opening remarks and "AI and Analytics in Public Sector Accounting and Assurance" at the Public Sector Accounting & Data Analytics Colloquium in Rio de Janeiro, Brazil.

May 25, 2017 – Chair of the 39 World Continuous Auditing and Reporting Symposium held at Faculdade de Economia, Administração e Contabilidade da Universidade de São Paulo in São Paulo, Brazil.

May 24, 2017 – Panelist on the use of data and technology in the conduct of audits at the PCAOB Standing Advisory Group Meeting in Washington, DC.

May 8-9, 2017 – Presented at the 2017 International Symposium on Accounting Information Systems (ISAIS) in Valencia, Spain.

May 4-5, 2017 – Attended the 27th Audit and Assurance Conference in London hosted by the Auditing Special Interest Group (SIG) of the British Accounting & Finance Association (BAFA). Participated in the Financial Reporting Council (FRC) - Data Analytics Panel.

April 21, 2017 – Attended the annual meeting of the PCAOB and American Accounting Association in Washington, DC. Participated as a panelist on the Data and Technology panel.

March 10, 2017 – Presented "Data Analytics" as a plenary guest speaker at the 2017 Annual Inspections Training hosted by the PCAOB in Washington,DC.

March 3, 2017 – Presented "CAR-Lab and the RADAR Initiative" at the Securities and Exchange Commission in Washington, DC.

February 24, 2017 – Presented "Data Analytics" to the Securities and Exchange Commission in Washington, DC.

February 4-12, 2017 – Taught "Recent Development of Information Systems" to the International Executive MBA class in Singapore.

January 20-21, 2017 – Presented "The Sentiment Feature of 10-K MD&As and the Financial Misstatement Prediction: A Comparison of Deep Learning and 'Bag of Words' Approaches," "Understanding Usage and Value of Audit Analytics for Internal Auditors: An Organizational Approach," "Impact of Business Analytics and Enterprise Systems on Managerial Accounting," "Analytics in External Auditing: A Literature Review," and "Design of Decision Support System for Audit Plan and Risk Assessment" at the SET Mid-Year Meeting of the AAA in Orlando, FL.

January 20, 2017 – Participated on a panel entitled "The Current Value of an AIS Ph.D" at the SET Mid-Year Meeting of the AAA in Orlando, FL.

January 13-14, 2017 – Attended the AAA mid-year auditing meeting in Orlando, FL.

January 10-11, 2017 – Attended ASEC committee meeting in Fort Lauderdale, FL.

2016

December 14, 2016 – Presented "Audit of the Future - Data Analytics, Technology, and Continuous Monitoring" at the PCAOB 10th Anniversary of the International Institute on Audit Regulation Conference in Washington DC.

November 4-5, 2016 – Co-chair of the 38 World Continuous Auditing and Reporting Symposium at Rutgers Business School in Newark, NJ.

October 24-28, 2016 – Taught mini course at Fundação Getulio Vargas, FGV, in Brazil.

September 19-20, 2016 - Guest speaker at governmental workshop in Jakarta – "Explaining Continuous Audit & Continuous Monitoring."

September 16-17, 2016 - Presented on Data Analytics to students and faculty as a visiting professor at Macquarie University – International Governance and Performance (IGAP) Research Center.

September 14, 2016 - Presented "Audit 4.0: New Opportunities for Auditing" at the 37 World Continuous Audit & Reporting Symposium in Brisbane, Australia.

August 12, 2016 - Presented "Data Analytics – Is it Fundamentally Transforming the Audit" to a meeting of the CPA Australia in Melbourne, Australia.

August 6-10, 2016- Attended the American Accounting Association annual meeting in New York

June 23-25, 2016- Keynote speaker at the AIS Educators Conference in Colorado Springs, Colorado.

June 14, 2016- Attended meeting at the "Public Company Accounting Oversight Board" (PCAOB) in Washington D.C.

June 7-8, 2016- Attended Assurance Services Executive Committee meeting of the AICPA in New York City.

June 3, 2016- Chair of Analytics and Open Data in the Government Sector: Brazil and the U.S and presented "Data Analytics for the Government Sector" at the Getulio Vargas Foundation (FGV) in Rio de Janeiro, Brazil.

June 2, 2016- Chair of 36 World Continuous Auditing & Reporting Symposium and presented "Audit 4.0 and The RADAR Initiative" at the University of San Paulo in San Paulo, Brazil.

May 4, 2016- Presented "Imagineering Audit 4.0" to the Beta Alpha Psi Meeting at Marist College in Poughkeepsie, NY.

March 18, 2016- Presented "Continuous Audit and Big Data with Audit Analytics: Research Needs" and "RADAR" presentation at a research seminar at Virginia Tech.

February 13-21, 2016- Taught "Web Life" in the IEMBA Singapore program.

January 21-23, 2016- Participated on two panels entitled "Design of Apps for Armchair Audit of Government Procurement Contracts" and "Moving Toward Continuous Audit and Big Data with Audit Analytics: Implications for Research

and Practice" at the AAA - Joint Mid-Year Meeting of the AID & SET Sections in Houston, Texas.

January 14-16, 2016- Participated on a panel entitled "Using Information Technology & Data Analytics to Facilitate Audit Quality - What do out Students Need to Know?" at the AAA-2015 Auditing Section Mid-Year Meeting in Scottsdale, AZ.

January 11-13, 2016- Attended the AICPA's Assurance Services Executive Committee meeting in Sarasota, Florida

2015
December 3, 2015- Attended Governmental Accounting Conference at RBS, New Brunswick, NJ.

November 6-7, 2015- Presented "An Update on the Continuous Auditing & Reporting Lab" at the 35 World Continuous Auditing & Reporting Symposium at Rutgers Business School, Newark, NJ.

October 1-3, 2015- Participated as a Panelist on Continuous Auditing in the 9th Biennial Symposium on Integrity and Information Systems Assurance in Toronto, Canada.

September 23, 2015- Presented "Audit Data Analytics" to the International Auditing and Assurance Board (IAASB) in NYC.

September 17, 2015- Presented "Continuous Auditing and Monitoring" at the Institute of Management Accountants meeting in Iselin, NJ.

August 7-11, 2015- Attended the American Accounting Association annual meeting in Chicago. Participated in the TT Workshop on August 7, 2015.

June 25-27, 2015- Plenary speaker at the Accounting Education Conference in Colorado Springs, Co. Presented "Audit Analytics Enabled Audit: An Education Perspective".

June 17-19, 2015- Attended the Ernst & Young Academic Resource Center Colloquium in Dallas, Texas.

June 2-3, 2015- Participated in committee meeting of the ASEC at the AICPA in New York

May 21, 2015- Chair of the 34 World Continuous Auditing & Reporting Symposium held in San Paulo, Brazil.

March 3, 2015- Presented "An External View of the Future of Audit at the Public Company Accounting Oversight Board (PCAOB) examiners workshop in Washington,
DC.

February 7-15, 2015 - Taught "Design & Development of Information Systems" in the IEMBA Program in Singapore.

January 22, 2015 - Attended the AAA midyear meeting and AIS New Scholar Consortium in Charleston, SC. Presented "Design Science Research in Accounting Workshop".

January 13-14, 2015 - Attended Committee Meetings of the AICPA'S ASEC Committee in San Diego, CA

2014

December 4, 2014 - Presented "Big Data Audit Analytics and Government Financial Monitoring" at the 2014 Rutgers Governmental Accounting and Auditing update conference at Douglass College.

November 7-8, 2014 - Co-chaired 33 World Continuous Auditing and Reporting Symposium at RBS Newark. Presented "Update to CAR Lab Projects".

October 31, 2014 - Visiting scholar at Reykjavik University in Iceland. Presented "Internal Audit and Continuous Monitoring Seminar".

September 20, 2014 - Presented "Continuous Equation: New Application in Assurance" at the 32 World Continuous Auditing and Reporting Symposium at Southwestern University of Finance and Economics in Chengdu China.

July 2, 2014 – Plenary speaker at the International Symposium on Accounting Information Systems at the University of Melbourne in Australia. Presented "New Environments, New Measurements and New Assurance: Paths for Change".

June 28, 2014 – Plenary speaker at the Accounting Information Systems Educators Conference in Golden, Colorado. Presented "The Future of AIS Education Revisited."

June 10, 2014 – Plenary Speaker at the 2014 Practitioners and Tech Conference sponsored by the AICPA in Las Vegas. Presented "Using Audit Analytics to Detect Fraud."

May 29, 2014 – Chaired and presented "Big Data and the Transformation of Auditing" at the 31st World Continuous Auditing and Reporting Symposium in Sao Paulo, Brazil.

May 26, 2014 – Presented "Continuous Auditing and Monitoring: A Global Perspective" at the 30th World Continuous Auditing and Reporting Symposium at Reykjavik University in Reykjavik, Iceland.

May 1, 2014 – Presented "Big Data Accounting and Assurance" at the EY C.A.R.A.T. Annual meeting at the University of Kansas.

April 24-26, 2014 – Attended and Presented "Audit Analytics: Using ACL, IDEA, & Other Data Analysis in Auditing" at the 2014 Mid-Atlantic Region Meeting held by the American Accounting Association in King of Prussia, Pennsylvania (with Qi Liu).

March 19, 2014 – Presented at the Inaugural Evolution of Auditing Form hosted by CPA Australia and the International Governance and Performance Research Centre (IGAP) held in Sydney, Australia

March 9-20, 2014 – Visiting Scholar at MacQuarie University in Australia, where he presented seminars, meeting with the IGAP Research Center and the Department of Accounting and Corporate Governance Academic Staff and PhD Students.

2013

December 5, 2013 – Presented "Electronic Government Reporting: A Path to Continuous Auditing in Governments" at the 2013 Rutgers Governmental Accounting & Auditing Update Conference in the Douglass College Center at Rutgers University in New Brunswick, New Jersey.

November 21-22, 2012 – Presented "Continuous Audit, Continuous Monitoring and Big Data" at the 29th World Continuous Auditing and Reporting Symposium in Brisbane, Australia

November 18, 2013 – Presented "Continuous Audit, Continuous Monitoring and Big Data: Paths for Research," in Nanjing University, in Nanjing China.

November 15, 2013 – Presented "Continuous Audit, Continuous Monitoring and Big Data: Paths for Research" in South Western University of Finance + Economics, in Chengdu, China.

November 8-9, 2013 – Chaired and Presented the "The P Card Project" at the 28th World Continuous Auditing and Reporting Symposium held in Rutgers Business School in Newark, NJ.

October 3-4, 2013 – Moderator for a panel in "Audit Data Analytics" at the UWCISA Symposium on "Information Integrity and Information Systems Assurance" in Toronto, Canada.

August 8, 2013 – Presented "Continuous Auditing and the Future of the Audit" at the AICPA EDGE Conference in Austin, Texas.

July 2, 2013 – Participated in the Practice Monitoring of the Future Vendor Identification Group meeting of the AICPA in New York.

June 28-29, 2013 – Presented a session on "The Future of Accounting Education" at the AIS Educator's Association 15th Annual Conference in Laramie, WY.

June 13, 2013 – Symposium Chair of the 27 World Continuous Auditing and Reporting Symposium at FEA in Sao Paulo, Brazil. Panelist on Audit Data Standards and Presenter.

June 10, 2013 – Presented "Continuous Audit and Monitoring" at University IT Auditors Conference at Rutgers, New Brunswick.

June 5-6, 2013 – Attended the Assurance Services Executive Committee Meeting of the AICPA in Las Vegas, Nevada.

May 21-22, 2013 – Participated in the 18th Annual Global Forum "The Next Stage of Globalization-Opportunities and Challenges" in Rio de Janeiro, Brazil.

May 17, 2013 – Presented "Auditoria continua/Monitoreo de Controle Continuous Auditing Analytica and workshop" The ABCS of Continuous Auditing" in 1st Encuentro International and 2nd Nacional de Control en Linea y Auditoria Continua en la Sector at La Nacional University of Colombia- Manizales (Caldas).

April 27, 2013 – Presented "Rethinking the Practices and Value Added of External Audit: The AICPA's Audit Data Standards (ADS) Initiative at the 6th University of Kansas International Conference on XBRL: Transparency, Assurance, and Analysis in Lawrence, Kansas.

April 18, 2013 – Presented research in Continuous Auditing at The Doctoral/Young Faculty Consortium in the AAA Mid Atlantic Meeting in Parsippany, New Jersey.

March 28, 2013 – Attended the NY Metro of ISACA Spring 2013 Conference-Data Analytics. Panelist on "Data Analytics-Barriers to Entry and Maturity Model" in New York City, New York.

January 8-9, 2013 – Symposium Chair and Speaker in the 26th World Continuous Auditing and Reporting Symposium at Rutgers Business School in Newark, NJ

2012
October 24, 2012 – Presented "Predictive Audit" as keynote speaker at the CONBRAI 2012 Conference sponsored by the Institute of Internal Auditors of Brazil in Gramado, Brazil.
Aug 4-7, 2012 – Attended the American Accounting Association annual meeting in National Harbor, MD. Participated in the 21st Annual Strategic and Emerging Technologies workshop.

June 28-29, 2012 – Presented "A Measurement Theory Perspective on Financial Reporting" and "Process Mining of Event Logo in Auditing: A Field Study of Procurement at a Global Bank" at the International Symposium on Accounting Information Systems in Melbourne, Australia.

May 30- Jun 1, 2012 – Conference Chair at the 25th World Continuous Auditing & Reporting Symposium and presented "Audit as a Continuous Field of Business Intelligence." in Sao Paulo, Brazil.

May 21, 2012 – Presented "Optimizing Tax Allocation Between Countries and States in the U.S." at TTN Conference in New York, NY.

May 9-11, 2012 – Keynote Speaker at the 35th Annual Congress of the European Accounting Association in Ljubljana, Slovenia.

May 3-4, 2012 – Conference Chair and Keynote Speaker at the 24th World Continuous Auditing and Reporting Symposium titled "Continuous Auditing and XBRL Coming of Age." held at Inonu University in Malatya, Turkey.

March 21, 2012 – Presented "Continuous Auditing" at SIKS Master class in Smart Auditing in Vught, Netherlands.

March 20, 2012 – Presented "Information Management" at a workshop at Tilburg University in Tilburg, Netherlands.

March 10-18, 2012 – Taught "Design and Development of Information Systems" in the IEMBA program in Beijing, China.

March 6, 2012 – Panelist on the Ross Roundtable at the "Securities Litigation after Dodd-Frank: What Happened in 2011 and What Lies Ahead?" presentation at New York University Stern School of Business.

January 5-7, 2012 – Participant at the AAA 2012 Information Systems Section Mid Year Meeting. Presented "The Impact of Enterprise Resource Planning (ERP) Systems on the Audit Report Log." and "Process Mining of Event Logs in Internal Auditing: A Case Study.", and participant in "The Editors Panel" at the New Scholars Consortium in Scottsdale, Arizona.

2011

November 10-17, 2011 – Visiting research scholar at the Shidler College of Business of the University of Hawaii at MANOA in Honolulu, HI.

November 4-5, 2011 – Symposium Chair of the 23rd World Continuous Auditing and Reporting Symposium at Rutgers Business School in Newark, NJ. Presented "Innovations in CA/CM in the CAR LAB."

October 21-22, 2011 – Presented "The Acceptance and Adoption of Continuous Auditing by Internal Auditors: A Micro Analysis." at the UWCISA 7th Biennial Research Symposium in Toronto, Canada.

October 14-21, 2011 – Taught "Web Life" in the International Executive MBA program in Shanghai, China.

September 22, 2011 – Presented "Fraud Detection, Analytics & Continuous Monitoring: Corporate Experiences." at 4th Annual Fraud Seminar at Rutgers Business School in Newark, NJ.

August 5-9, 2011 – Panelist on "Data, Blog, and Process Mining" and "The Future of Auditing: An Update". Participated in Workshop on Strategic and Emerging Technologies (SET) at the American Accounting Association meeting in Denver, CO.

July 12-10, 2011 – Keynote speaker at the 8th International Conference on Enterprise Systems, Accounting, and Logistics in Thassos, Greece. Presented "The

Coming of Age of Continuous Assurance".

June 24-25, 2011 – Keynote speaker at the Accounting Information Systems Educators Conference in Fort Collins, CO. Presented "New Issues in Education with WEB Technology Based Instruction"

June 2, 2011 – Conference Chair, Panelist on the 22 World Continuous Auditing and Reporting Symposium held at CONTECSI in San Paolo, Brazil

May 27-28, 2011 – Presented "Process Mining: A New Research Methodology for AIS". Moderated the Research Forum on Corporate Governance and Audit Quality at Canadian Academic Accounting Association Conference in Toronto, Canada.

May 16, 2011 – Presented "Optimizing Tax Allocation Among Countries in the Multinational Entity: a Tale of Many Contingencies." at TTN Seminar at Morgan Lewis Bockius LLP in New York, NY.

May 12-13, 2011 – Presented "Optimizing Tax Allocation Among Countries in the Multinational Entity: a Tale of Many Contingencies." at TTN Seminar at The Bankers Club in Miami, FL

April 28-30, 2011 – Presented " Revamping the Audit Approach using Accounting Equations: Processing XBRL-tagged Data in an XBRL-tagged Top-cycle" and participated in "XBRL: Consequences to Financial Reporting, Data Analysis, Decision Support, and Others" session at 5th International Conference on XBRL: Transparency, Assurance, and Analysis, held at the University of Kansas.

April 21, 2011 – Presented "Continuous Audit in a Real Time Economy" at Chancellor's Annual Research Day at Rutgers University in Newark.

April 18-19, 2011 – Panelist on the Second International Symposium on AIS, in Rome, Italy. Presented "Duplicate Records Detection Techniques: Issues and Illustration" and "Formalization of Accounting Standards: A Necessarily Technological Evolution."

February 25-26, 2011 – Presented "The Coming Age of Continuous Monitoring and Auditing" at the International Association of Airline Internal Auditors Workshop on Continuous Monitoring sponsored by Emirates Airlines at the Emirates Training College in Dubai, UAE.

January 6-8, 2011 – Presented "The Remote Internal Audit" and participated on the Executive Committee Board for the AAA IS section mid-year meeting in

Atlanta.

2010

November 19, 2010 – Presented "The Coming of Age" at Weatherhead School of Management at Case Western Reserve University in Ohio.

November 5-6, 2010 – Conference Chair of the 21 World Continuous Auditing and Reporting Symposium at Rutgers Business School in Newark, NJ. Presented "Innovation in CA/CM in the CAR LAB".

October 29-30, 2010 – Attended the Accounting Doctoral Scholars Program Orientation Conference held at the Westin O'Hare Hotel in Chicago.

October 19, 2010 – Panelist on the Ross Roundtable at Vincent C. Ross Institute of Accounting Research New York University Stern School of Business

October 11-15, 2010 – Presented the 2010 CPA/University of Melbourne Research Lecture at the University of Melbourne in Australia. Participated in XBRL lecture and Accounting Seminar.

October 7, 2010 – Taught a Refresher Course at EDHEC School of Business in Lille, France.

September 14, 2010 – Chair of the Comprehensive Firm Valuation Symposium. Presented "Intangibles in a Continuous Reporting Schema" at Comprehensive Firm Valuation Symposium: "Intangibles Comes to Age," held at Rutgers Business School in Newark, New Jersey.

August 21-29, 2010 – Taught Managerial Accounting in the IEMBA Program in Beijing.

July 31-Aug4, 2010 – Presented a Research Workshop at Strategic and Emerging Technologies and participated on an XBRL panel at the Annual American Accounting Association meeting in San Francisco, CA.

May 19-21, 2010 – Participated on the Scientific Committee and attended the 7th International Conference on Information Systems and Technology Management at the University of Sao Paulo in Brazil.

May 20, 2010 – Conference Chair of the 20th World Continuous Auditing & Reporting Symposium and presented "Continuous Auditing Case Study at Itau

Unibanco" in Sao Paulo, Brazil.

May 13-15, 2010 – Presented "Process Mining of Event Logs in Auditing: Opportunities & Challenges" at the 2010 International Symposium on Accounting Information Systems at UCF in Orlando, Florida.

May 4, 2010 – Presented "Continuous Monitoring, Continuous Audit and Forensics: What Management Needs to Know" at a Fraud Seminar held at Rutgers Business School in Newark, New Jersey.

May 3, 2010 – Attended the KU Ernst & Young Center for Auditing Research and Advanced Technology meeting in Lawrence, Kansas.

April 30-May 1, 2010 – Attended the Deloitte/KU Symposium on Auditing Problems in Overland Park, Kansas.

January 9-17, 2010 – Taught Managerial Accounting in the IEMBA Program in Shanghai.

2009

December 5-13, 2009 – Taught Managerial Accounting in the IEMBA Program in Singapore.

December 2009 – Taught in the IEMBA program in Beijing.

November 12, 2009 – Presented "Real Time Continuous Audit Economy" at the CFO Alliance meeting in West Orange, NJ.

November 8-9, 2009 – Attended the Accounting Scholars Program Orientation Conference at the Hyatt O'Hare in Chicago.

November 6-7, 2009 – Chair and organizer of the 19th World Continuous Auditing and Reporting Symposium held at Rutgers Business School.

October 12, 2009 – Presented "Continuous Auditing and Reporting: Recent Trends and New Perspectives" at the University of Ferrara in Italy.

October 9, 2009 – Presented "Moving Towards Real Reporting & Continuous Audit" at the University of Hasselt in Belgium.

October 1-3, 2009 – Presented "Principles and Problems of Audit Automation as a Precursor for Continuous Auditing" at the 6th Bi-Annual Research Symposium

in Toronto, Canada.

September 30-October 2, 2009 – Chair of Technical Program Committee and keynote speaker at the 1st International Conference on Digital Forensics and Cyber Crime in Albany, New York.

August 2, 2009 – Presented "Continuous Auditing and Continuous Control Monitoring: Case Studies of Technology Adoption in Leading Internal Audit Organizations" & "Unsupervised Fraud Detection: A Rule-Based Model in the Wire Transfer Payment Process of a Major Insurance Company in the United States" at the 18th Annual Research Workshop on Strategic and Emerging Technologies in New York City.

June 26, 2009 – Presented "New Perspectives on Continuous Auditing-Unibanco Project" at the International Symposium on Audit Research in Maastricht, Netherlands.

June 23, 2009 – Presented "Five Axioms for XBRL Tagging" at the International XBRL Conference in Paris.

June 4, 2009 – Conference Chair at 18th World Continuous Auditing & Reporting Conference in Sao Paulo, Brazil. Attended the 6th CONTECSI in Sao Paulo, Brazil.

May 18, 2009 – Conference chair and presented "The Role of Continuous Audit" at the 17th World Continuous Auditing & Reporting Conference in Thessaloniki, Greece. Attended the 2009 ICESAL Conference.

May 15, 2009 – Presented "Auditoria Continua" at the XII Congresso Latino Americano de Auditoria Interna y Evaluacion de Riegos in Buenos Aires, Argentina.

April 23-25, 2009 – Panelist on Research and Business Opportunities and Challenges in XBRL at 2009 International Conference on XBRL at University of Kansas.

January 22-25, 2009 – Presented a Continuous Auditing paper at the AGSM 2020 student workshop at the Anderson School of Management at University of California, Riverside.

January 9-19, 2009 – Taught in the IEMBA in Singapore.

2008

December 2008 – Led Continuous Audit projects with Siemens, Unibanco, MetLife, Procter & Gamble, and Hewlett Packard.

December 10, 2008 – Attended a Trust/Integrity Task Force meeting for the AICPA in Chicago.

November 2008 – Conference Chair and organizer at the 16th World Continuous Auditing & Reporting Symposium at Rutgers Business School.

September 2008 – Presented at an Accounting workshop at Lehigh University.

September 26, 2008 – Presented "XBRL, IFRS, and Corporate Governance: Impact on the Curriculum" at the CAAA/SAP AG Technology & Accounting Education Seminar at Brock University, Ontario, Canada.

August 2008 – Presented at the American Accounting Association in Anaheim.

July 31, 2008 – Attended the 2008 Trust/Data Integrity Task Force meeting held at the AICPA office in New York City.

July 6-8, 2008 – Conference Chair and presented "The Need for Continuous Assurance And Continuous Monitoring of Financial Services" at the 15thWorld Continuous Auditing & Reporting Symposium In Conjunction With the 5th International Conference On Enterprise Systems, Accounting and Logistics in Crete, Greece.

June 9-10, 2008 – Attended the Financial Reporting Committee meeting of the Institute of Management Accountants in Washington, DC.

June 4-6, 2008 – Presented "The Future of Continuous Auditing & Closing Remarks" at the 1st World Continuous Auditing Systems on Financial Institutions in Conjunction With the 5th International Congress on Technology and Information Systems in Sao Paulo, Brazil.

May 22-25, 2008 – Presented "Bizarre Financial Instruments & the Crisis in the Financial Sector" at the Turning Points: A Symposium of Global Thinking for a New Era in Val de Loire, France.

May 9, 2008 – Conference Chair and panelist on "The Need for Continuous

Monitoring and Assurance of Financial Transactions" at the 2008 International Journal of Disclosure and Governance Conference in Conjunction With The 2nd Continuous Reporting Conference, Rutgers University, Newark, NJ.

April 26-May 4, 2008 – Taught "Managerial Accounting" in the Executive MBA Program in Beijing, China.

April 21, 2008 – Initiated speeches and presented "Optimal Tax Allocation in A Multi-Country Setting" at TTN Taxation Seminar in NYC.

April 16, 2008 – Presented "Continuous Audit: Today and Tomorrow" at ISACA in NJ.

March. 3-4, 2008 – Attended the Financial Reporting Committee meeting of the Institute of Management Accountants in Tampa, FL.

February. 19, 2008 – Presented "Implementing Continuous Audit: Some CAR Lab Experiences" at Merrill Lynch.

January. 31-February 2, 2008 – Attended the American Accounting Association New Faculty Consortium in Leesburg, VA.

January. 12-20, 2008 – Taught "10 Challenges from Globalization" in the Executive MBA Program in Shanghai, China.

2007

December 8-9, 2007 – Panelist on "Current Developments and Opportunities in Accounting Information Systems Research" at the 8th International Research Symposium on Accounting Information Systems in Montreal, Canada.

November 2-3, 2007 – Organizer and chair of the 14th World Continuous Auditing and Reporting Symposium at Rutgers Business School in Newark, NJ.

October 18-19, 2007 – Attended Siemens Project meeting in St. Louis.

September 28, 2007 – Organizer and Symposium chair of the 1st Continuous Reporting Symposium at Rutgers Business School in Newark, NJ.

September 26-27, 2007 – Attended the Financial Reporting Committee meeting of the Institute of Management Accountants in Norwalk, CT.

August 4-8, 2007 – Attended the annual American Accounting Association meeting in Chicago, IL. Participated in the Global Accounting Digital Library Project, panelist on Assurance, Continuous Auditing and EBR.

June 22-23, 2007 – Presented "Continuous Data Using Continuity Equations" at the International Symposium on Audit Research in Shanghai, China.

June 15-16, 2007 – Chair and Symposium organizer for the 13th World Continuous Auditing & Reporting Symposium at the University of Ferrara in Ferrara, Italy.

June 13, 2007 – Presented a workshop on "REA, Continuous Reporting and Continuous Assurance" at the REA 25th Conference at the University of Delaware.

June 4-5, 2007 – Attended the Financial Reporting Committee meeting in Washington, DC.

May 10-21, 2007 – Taught "Managerial Accounting" in the EMBA Program in Beijing, China.

April 25-27, 2007 – Presented "Continuous Auditing: Lessons from 15 years of Putting Theory into Practice" at the 30th European Accounting Association Congress in Lisbon, Portugal.

April 24, 2007 – Presented "Continuous Auditing: Lessons from 15 years of Putting Theory into Practice" at the 10th European Conference on Accounting Information Systems in Lisbon, Portugal.

April 5-7, 2007 – Attended an AESC Meeting and the Enhanced Business Reporting Model Workshop at the Dixon School of University of Central Florida in Orlando, FL.

March 1-2, 2007 – Attended a Financial Reporting Committee meeting in Phoenix, AZ.

January 2007 – Taught in the Rutgers Executive MBA Program in Beijing, China.

2006

December 9-10, 2006 – Panelist at the International Research Symposium on Accounting Information Systems in Milwaukee, WI.

Dec 5, 2006 – Presented "Is XBRL Interactive Data? Using XBRL to facilitate Continuous Reporting and Assurance" at the 14th International XBRL Conferences at Hyatt Regency in Philadelphia, PA.

November 3-4, 2006 – Symposium chair for the 12th World Continuous Auditing and Reporting Symposium at Rutgers Business School in Newark, NJ.

October 24-28, 2006 – Presented "Real Time Economy: How About Now" at the Swedish School of Economics and Business in Helsinki, Finland.

October12-15, 2006 – Presented at the Digital Accounting Research Conference at the University of Huelva in Spain.

September 18-19 2006 – Participated in a Financial Reporting Committee meeting of the Institute of Management Accountants in Norwalk, CT.

August 4-8, 2006 – Presenter at the American Accounting Association Annual meeting held in Washington, DC.

June 17-21, 2006 – Presented "The Real-Time Economy: Continuous Business Monitoring, Reporting and Assurance" at IMA's 87th Annual Conference & Exposition in Las Vegas.

May 31 – June 2, 2006 – Conference chair and presenter at the 11th WCAS & CONTECSI – International Conference on Information Systems and Technology Management held in conjunction with the University of Sao Paulo, and Chair-Continuous Audit Symposium in Rio de Janeiro, Brazil.

May 14-17, 2006 – Board member for Information Systems for Crisis Response and Management Conference held at NJIT in Newark, NJ.

May 11-12, 2006 – Attended AICPA Assurance Services Executive Committee meeting in NYC.

May 4, 2006 – Attended the 5th Annual Financial Reporting Conference held at Baruch College in NYC.

April 28-30, 2006 – Attended Deloitte/ University of Kansas Auditing Symposium.

April 12, 2006 – Attended AICPA Assurance Services Whitepaper Committee meeting in NYC.

March 20-24, 2006 – Presented at the European Conference on Accounting & Information Systems in Dublin.

March 14, 2006 – Presented "Analytical Procedures for Highly Disaggregate Data: Continuous Auditing Using Continuity Equations Models of Business Processes" at Rutgers University in Newark, NJ.

February 2006 – Taught at the Rutgers EMBA program in Beijing, China.

January 25-26, 2006 – Attended AICPA Executive Committee meeting of Assurance Services.

January 19, 2006 – Hungarian IT Day, meeting with the Consulate General of the Republic of Hungary and the Hungarian Technology Center (HTEC).

2005

November 4-5, 2005 – Conference chair at the 10th World Continuous Auditing Symposium in Athens, Greece.

October 20-22, 2005 – Attended symposium on Information Systems Assurance at The University of Waterloo in Toronto, Canada.

October 2005 – Presented "The Galileo Model" in Huelva, Spain. Presented Digital Accounting lectures at Babos Boolaj University in Cluj, Romania.

August 2005 – Tutorial on "Continuous Auditing", "The Galileo Model", and "The Liberty Project" at the AAA National meeting in San Francisco, CA.

July 2005 – Presented "Sarbanes Oxley and Digital Reporting" in Minneapolis.

June 2005 – Conference chair at the 11th World Continuous Auditing Symposium, XBRL CONTECSI in Sao Paulo, Brazil.

May 2005 – Conference chair at the 9th World Continuous Audit Conference in Malta. Presented Continuous Auditing lectures.

2004

November 5-6, 2004 – Conference chair and organized the 8th World Continuous Audit Conference at Rutgers Business School in Newark, NJ.

September 7, 2004 – Presented "The Galileo Model", AICPA in NYC.

August 5, 2004 – Presented "EDA Content Analysis of Three Accounting Journals: Identifying Episodes in Accounting Thought."

June 21, 2004 – Presented "Continuous Auditing" and "The Galileo Model" at USP in Sao Paulo, Brazil.

May 30, 2004 – Presented "The Galileo Model" at NEAA in Albany, NY.

May 28, 2004 – Presented "XBRL and Digital Accounting"
at Bryant College in Rhode Island.

May 21, 2004 – Presented "Continuous Auditing" in Cluj, Romania.

May 2004 – Attended the Continuous Auditing Research Columbia Baruch Rutgers joint Conference

May 2004 – Presented "Digital Accounting and Continuous Audit" at USC in Los Angeles.

April 2004 – Presented "Neural Networks in Accounting" at the State of the Art Comments in Turku, Finland.

March 24-27, 2004 – Presented "Research Papers on Continuous Audit Technology" at the 7th Continuous Auditing and Reporting Conference in Monaco.

February 20-21, 2004 – Attended the Accounting Information System Research Symposium in Scottsdale, AZ.

January 29, 2004 – Presented "Continuous Monitoring to Deliver Extra Value and Protection For Your Organization" at the CDN Conference on Internal Auditing in Toronto, Canada.

January 9-23, 2004 – Presented "Financial Processes in an E-Economy" at the OOP 2004 Conference in Munich.

January 8-9, 2004 – Presented "Tips on Successful Publishing in JETA" at the Mid Year meeting of the Information Systems section of the AAA in Clearwater, FL.

2003

November 21, 2003 – Presented "Continuous Auditing: What Is It and What Does It Mean To Auditors?" at the Virginia Auditing and Accounting Conference in Virginia Beach, VA.

November 14-15, 2003 – Presented "Principles of Analytic Monitoring" at the 6th Continuous Auditing and Reporting Symposium held at Texas A & M University.

October 31-November 2, 2003 – Presented "Restoring Auditor Creditability: Tertiary Monitoring and Logging of Continuous Auditing Systems" at the Symposium on Information Systems Assurance, Governance, Transparency and Integrity: The Role of Information Technology in Toronto, Canada.

October 24-25, 2003 – Presented "XML Derivatives, Continuous Audit and Continuous Reporting" and participated on a panel discussion on Research and Business Opportunities in XBRL and EBXML at the International Conference of XBRL Taxonomies at the University of Kansas.

October 15-17, 2003 – Presented "Enhanced Business Reporting" at two sessions of the Better Management Live Worldwide Conference in Las Vegas.

September 30, 2003 – XBRL Panel Discussant at the 12th AECA Congress in Cadiz, Spain.

August 3, 2003 – Presented at a CPE session at the Annual AAA Meeting in Hawaii.

June 23, 2003 – Presented "Continuous Auditing 101" at the National Meeting of the IMA in Nashville, TN.

June 19, 2003 – Presented a "Continuous Auditing Workshop" at the Information Systems Audit and Control Association in NJ.

May 19, 2003 – Presented a Continuous Auditing paper at the ISACA CACS in Houston, TX.

May 2, 2003 – Presented "Research Opportunities in XBRL and Continuous Auditing" at the 3rd XBRL Conference at Bryant College in Rhode Island.

April 24, 2003 – Presented a CPE workshop and presented "Principles of Analytic Monitoring" at the Northeast meeting of the AAA at Fairfield University.

March 31, 2003 – Attended a committee meeting of the AICPA Business Reporting Models in New York.

March 21-23, 2003 – Attended a Technology Committee meeting of the Institute of Management Accountants in New Mexico.

March 12-13, 2003 – Meeting with Liberty interactive to Collect XBRL data in California.

March 12, 2003 – Attended a meeting at the NSF in Washington, DC.

February 26-27, 2003 – Attended a meeting with KPMG in Phoenix, AZ

February 21, 2003 – Presented a paper at Texas A&M University in Houston, TX.

February 20-23, 2003 – Attended the AIS Research Symposium held in Phoenix, AZ.

February 19-20, 2003 – Attended a meeting with the NSF in Washington, DC.

January 31, 2003 – Coordinated the Ethics, Morals, Cooking and Governance: Today's Soaps (Dilemmas) Conference at Rutgers Business School in Newark, NJ.

January 30, 2003 – Committee meeting of the AICPA Task Force: New Business Reporting Models.

January 26-28, 2003 – Meeting with Liberty interactive to collect XBRL data in California.

January 8-9, 2003 – Participated in the Doctoral Consortium-Editor Panel and the Panel on Research opportunities in AIS at the AAA – IS Midyear Conference in San Diego, CA.

2002

November 5, 2002 – Attended a Systrust committee meeting of the CICA in Toronto, Canada.

October 7-10, 2002 – Keynote speaker at the Hong Kong Polytechnic University. Presented "E-Commerce: Separating Hype and Reality."

October 2002 – Taught in the Rutgers Business School MBA Program in Beijing, China.

September 26-29, 2002 – Presented "Continuous Assurance and the Electronization of Business" at X Encuentro AECA Conference in Portugal.

September 12, 2002 – Attended a meeting for the Advisory Board of the Center for Continuous Auditing at Texas A&M University.

September 11-12, 2002 – Presented a paper at the Open University in England.

August 19, 2002 – Attended an AICPA trust committee meeting in Boston, MA.

August 13-17, 2002 – Attended the AAA Annual meeting held in San Antonio, TX.

June 22, 2002 – Presented the "Technology Driven Auditing Workshop" at the IMA Conference held in San Diego, CA.

June 19-20, 2002 – Presented "Continuous Auditing" at the ACI Financial Reporting and Disclosure Conference in Chicago.

June 18, 2002 – Attended a Systrust committee meeting at the CICA held in Toronto, Canada.

June 17, 2002 – Attended an XBRL meeting at the CICA in Toronto, Canada.

May 18-25, 2002 – Presented "Technology Supported Action Learning" at the 7th Annual Global Forum – Business Driven Action Learning and Executive Development sponsored by the Gordon Institute of Business Science held in Johannesburg, South Africa.

May 8-12, 2002 – Presented at the Ernst & Young CARAT meeting and Audit Symposium at the University of Kansas.

May 2, 2002 – Attended the Financial Reporting Conference at Baruch in NYC.

April 23-24, 2002 – Presented a paper at the European Conference on Accounting Information Systems held in Copenhagen, Denmark.

April 17-19, 2002 – Presented "Development of Continuous Auditing: Current Research and Possible Future Developments" at the 4th World Auditing& Reporting Conference at Salford University in England.

March 28-29, 2002 – Presented "Continuous Assurance 101" at the Babes Bolyai University in Cluj, Romania.

March 25-27, 2002 – Presented "ERP Essentials and Continuous Auditing" at the ISACA Euro CACS 2002 Conference in Budapest, Hungary.

March 21, 2002 – Presented a paper on XBRL to the NJSCP as liaison with bankers at the Hilton Hotel in Iselin, NJ.

March 4-10, 2002 – Presented a paper at the 4th XBRL International Conference held in Berlin, Germany.

February 26-27, 2002 – Attended an AICPA trust committee meeting in Miami, FL.

February 11, 2002 – AICPA trust meeting held at Rutgers Business School in Newark, NJ.

January 17-19, 2002 – Attended the AAA Mid-Year Auditing meeting in Orlando, FL.

January 16, 2002 – Attended an AICPA trust committee meeting in Washington, DC.

2001

December 2-4, 2001 – Presented "Continuous Auditing" and "Future Assurance – Present Shock" at the Business of E-Business Conference in Phoenix, Arizona.

November 6, 2001 – Speaker at the Bankers Breakfast held by the New Jersey Society of Certified Public Accountants.

October 24-26, 2001 – Attended a Systrust committee meeting with the CICA in Toronto, Canada.

October 18-21, 2001 – Attended an IAFEI Conference in Cancun, Mexico.

October 12-14, 2001 – Attended the International Conference on XBRL Taxonomies at the University of Kansas. Led panel discussion.

September 28, 2001 – Meeting with the FDIC to discuss XBRL research in Washington, DC.

August 11-15, 2001 – Attended the American Accounting Association annual meeting in Atlanta, GA.

July 2001 – Taught in the Executive MBA program in Beijing, China.

July 18, 2001 – Meeting with the FDIC to discuss XBRL research in Washington, DC.

June 28-29, 2001 – Presented "Electronic Commerce and Continuous Auditing" at the International Symposium on Audit Research at Nanyang Business School and Nanyang Technological University in Singapore.

June 14-17, 2001 – Attended a technology committee meeting for the Institute of Management Accountants in New Orleans, LA.

June 1, 2001 – Chair of the 3rd Continuous Reporting and Auditing Conference held at Rutgers-FOM. Presented "Continuous Assurance: Concepts and Strategies" in NJ.

April 21-23, 2001 – Presented "The Electronization of Business" at the 4th European Conference on Accounting Information Systems sponsored by the University of Athens in Athens, Greece.

March 26, 2001 – Attended the AICPA/CICA Continuous Systrust committee meeting of the in Toronto, Canada.

March 22, 2001 – Participated in a Technology Committee meeting of the Institute of Management Accountants meeting in Denver, CO.

March 15, 2001 – Participated in the Supply Chain Management: Developing and Implementing a World Class Strategy Conference held at Rutgers University in Newark, NJ.

March 12, 2001 – Presented "Internet Based Accounting and XBRL" at the Symposium on Recent Trends in Internet Based Accounting and XBRL sponsored by the University of New Delhi in New Delhi, India.

March 5, 2001 – Participated in the Continuous Systrust Committee meeting in Chicago, IL.

February 15-16, 2001 – Attended an AICPA Systrust Committee meeting in Scottsdale, AZ.

February 8, 2001 – Presented "New Business Models" in the Vision 2000-Joint High Tech Outreach Symposium in Bloomington, IN.

January 26, 2001 – Attended an AICPA Continuous Systrust Committee meeting in San Francisco, CA.

January 23, 2001 – Attended a XBRL meeting in Scottsdale, AZ.

January 10-11, 2001 – Attended a Systems Reliability Committee meeting of AICPA in Miami, FL.

2000

December 15, 2000 – Presented "The Electronization of the Measuring and Assurance Functions" at the New York Sheraton.

November 29, 2000 – Attended the Systrust meeting in Chicago, IL.

November 21, 2000 – Presented the opening talk at the NYSSCPA Technology Conference, "The Electronization of the Measuring and Assurance Functions" in New York and Rochester.

November 6, 2000 – Attended an AICPA Continuous Systrust Committee meeting in New York.

November 3, 2000 – Presented the closing plenary talk "New Models in

Assurance" at the AI/ES conference in Huelva, Spain.

November 2, 2000 – Presented "A Dramatic New Audit Model: Towards Continuous Assurance" at the 5th International Conference on Artificial Intelligence and Emerging Technologies in Accounting, Finance and Taxation held at the University of Huelva, Spain.

October 26, 2000 – Presented the Continuous Systrust Model at the AICPA Assurance Services Conference.

October 20, 2000 – Presented "A Dramatic New Model of Assurance" at Open University in Milton Keynes, UK.

September 13-14, 2000 – Attended a Systrust meeting in Washington, DC.

August 18, 2000 – Attended the Technology Meeting of the Institute of Management Accountants in Boston, MA.

August 17, 2000 – Attended an AICPA Continuous Systrust Committee meeting in Washington, DC.

August 17-19, 2000 – Presented "The Electronization of Business" at the American Accounting Association Annual Meeting in Philadelphia.

August 16, 2000 – Presented "XBRL: Research Issues" at the American Accounting Association National Meeting in Philadelphia.

August 12, 2000 – Attended the Artificial Intelligence/ Emerging Technologies Workshop in Philadelphia.

August 4, 2000 – Presented "A Dramatic New Audit Model" at the International Accounting Symposium at Niagara University.

June 9, 2000 – Presented "Emerging Business Models in B2B" at the Strategies for Success in the Digital Economy Symposium held in the Management Education Center at Rutgers University in Newark, NJ.

June 2, 2000 – Presented "A Dramatic New Audit Model" at the Deliotte/ Touche /University of Kansas Auditing Symposium in Kansas, MO.

May 31, 2000 – Presented a paper at the Global Forum on Business Driven Action Learning and Executive Development in St. Louis.

May 18, 2000 – Carat Meeting held at the University of Kansas – Accounting 2020.

May 16, 2000 – Presentation on "Trends in E-Commerce the Electronization of Business" for the Evansville chapter of the Institute of Management Accountants.

May 2000 – Presented "A Dramatic New Audit Model" and "The Systrust 2.0 Version" at the AICPA Technology 2000 Conference held in Atlanta, GA.

April 28, 2000 – Attended the Continuous Systrust Meeting with the AICPA.

April 2000 – Presented a paper on "Auditing for Money Laundering" in Nice, France.

April 13-23, 2000 – Taught in the Rutgers EMBA Program in Beijing, China.

March 1-2, 2000 – Attended a Systems Reliability Committee Meeting of the American Institute of Certified Public Accountants in Toronto, Canada.

February 23, 2000 – Presented a paper on "Continuous Auditing" at New Jersey Institute of Technology in Newark, NJ.

February 2000 – Presented paper at the Prentice Hall Symposium for Accounting Educators in Oklahoma.

January 28, 2000 – Presented papers on "B2B" at the 2nd Continuous Auditing and Reporting Symposium held in the Management Education Center of the Faculty of Management at Rutgers Business School in Newark, NJ.

January 12- 13, 2000 – Participated in the Systems Reliability Committee Meeting of the AICPA in New York.

1999

December 1999 – Two day visiting scholar at the University Of Kansas School Of Business.

December 8, 1999 – Attended the XBRL Meeting in Philadelphia.

November 1999 – Attended the Committee Meeting of Systems Reliability of the AICPA in San Francisco, CA.

November 23, 1999 – Keynote speaker at the Emerging Technologies Conference sponsored by the Foundation for Accounting Education in New York City.

November 22, 1999 – Attended Accounting 2020 Meeting of the New York State Society of CPA's.

September 30-31, 1999 – Attended an American Institute of Certified Public Accountants Systrust Committee Meeting in Toronto, Canada.

August 1999 – Presented "Research Prospectives in Continuous Auditing" at the American Accounting Association National meeting.

August 1999 – Presented "Electronic Commerce and Accounting" at the American Accounting Association National meeting in San Diego, California.

August 1999 – Presented "Continuous Audit: Quo Vadis" with Fred Sudit and Alex Kogan at the American Accounting Association National meeting held in San Diego, California.

August 1999 – Presented "The Expectations Gap as Witnessed In the Courtroom" with Rimona Palas, Workshop on AIET at the American Accounting Association National meeting in San Diego, California.

July 1999 – Attended the American Institute of Certified Public Accountants, "The New Markets Case" in Toronto, Canada.

June 11, 1999 – The Technology of Continuous Auditing, Association of Government Accountants.

June 10, 1999 – Presented "Emerging Technologies and the Future of Accounting: A view of the new environment" at the NJSCPA, Young Accountants Seminar.

May 25, 1999 – Internet: an update, NJSCPA breakfast with Bankers.

April 28, 1999 – Presented "Future Trends: the Electronization of Business" at the International Conference on Technology, Internal to Price Waterhouse –

Coopers in Rome, Italy.

April 26, 1999 – Presented "Emerging Technologies and the Future of Accounting, New Products, Metaphors and a View of the Environment" at the Financial Executive Institute.

April 22-24, 1999 – Presented "Information Systems, International Contingencies" as a member of the Technology Panel at the 34th International Accounting Conference on Accounting in the Global Markets of the Next Century sponsored by the Center for International Education and Research in Accounting held in Champaign, IL.

April 22, 1999 – Presented "Continuous Audit Day" at the Center for Internal Auditors in Rochester, New York.

March 23, 1999 – Presented "Emerging Technologies and the Future of Accounting" at the NYSCPA Emerging Technologies Conference as a plenary speech.

March 16, 1999 – Rutgers Accounting Department: some technological initiatives, The RAW, The RARC, Curriculum Change, presentation to the FOM advisory committee.

February 18-20, 1999 – Presented "Continuous Audit" at the 6th Annual Accounting Information Systems Symposium in Scottsdale, AZ.

February 18, 1999 – Presented "Distance Learning and the Next Century" at Texas Community College in Houston, TX.

February 9, 1999 – Task Force meeting of the Systems Reliability Committee of the American Institute of Certified Public Accountants in New York City.

1998

December 7, 1998 – NYSCPA Emerging Technology Conference, "Emerging Technologies and the Future of Accounting: New Products, Metaphors, and a View of the Environment" in New York, NY. (Plenary speaker).

November 30, 1998 – Presented "The Evolution in the FOM Accounting Department" to the FOM Accounting NB advisory board.

November 20-21, 1998 – Attended the AICPA/AAA Technological Visioning Conference in Dallas, TX.

November 19, 1998 – Presented "Recent Developments in Electronic Commerce" at NJSCPA in New Brunswick, NJ.

November 16, 1998 – Attended the NJSCPA, Technology Advisory Board meeting.

November 6, 1998 – Presented "Distance Learning" Accounting Forum in Princeton, NJ.

October 17, 1998 – Presented "Distance Learning" Accounting Forum in Dallas, TX.

September 28-29, 1998 – Attended Systems Reliability Committee of the American Institute of Certified Public Accountants in Napa, CA.

August 16-17, 1998 – Attended the American Accounting Association National meeting. Presented "FRAANK: a Financial Intelligent Agent" and "The Economics of Electronics Commerce" in New Orleans, LA.

August 14, 1998 – Attended the Institute of Management Accountants Technology Committee in Washington, DC.

June 24- 25, 1998 – Attended Systems Reliability Committee of the American Institute of Certified Public Accountants in Chicago, IL.

June 18, 1998 – Institute of Internal Auditors, Advanced Technology Committee in Orlando, FL.

June 4-5, 1998 – Presented "User Reaction to the Concepts" at the AICPA Conference on Systems Reliability in Las Vegas, Nevada.

May 29-30, 1998 – Attended Deloitte and Touche Conference in Audit Research at the University of Kansas in Lawrence, Kansas.

May 11-12, 1998 – Attended the Systems Reliability Committee of the American Institute of Certified Public Accountants in Toronto, Canada.

April 20-21, 1998 – Attended the meeting of the CICA/AICPA committee on

Online Auditing in New York.

April 16-17, 1998 – Attended the Auditing Independence Committee IIA/AAA in Chicago, IL.

April 14-15, 1998 – Attended meeting of the CICA/AICPA committee on Online Auditing in Toronto, Canada.

March 27, 1998 – Attended stakeholders meeting of the Rutgers Accounting Web held at the Faculty of Management - Rutgers University in Newark, NJ.

February 24, 1998 – Participated in Study Group on Audit of Continuous Information with the Canadian Institute of Chartered Accountants and Coopers and Lybrand in Houston, Texas.

February 20, 1998 – Presented "Towards an Intelligent Audit" at the 5th Annual AIS Research Symposium held in Phoenix, AZ.

February 4, 1998 – Presented "Distance Learning" at the Prentice Hall Accounting Seminar for Educators held in Chicago, IL.

February 1, 1998 – Attended Systems Reliability Committee of the American Institute of Certified Public Accountants in Chicago, IL.

January 16, 1998 – Attended the Online Auditing and Reporting Conference held at the Faculty of Management of Rutgers University in Newark, NJ.
Presented CPAS & FRAANK.

1997

December 14, 1997 – Presented "Technology and the Governmental Accountant: the Rutgers Accounting Web" with Alex Kogan at the Accounting Update Conference held at Rutgers University, School of Business in New Brunswick, New Jersey.

December 5, 1997 – Presented "The Role of Technology in Researching, Teaching, and Communicating Accounting History and Accounting Information" at the Accounting Historians Distance Learning Conference in Richmond, VA.

November 21, 1997 – Presented "Agents" at the Georgia State University Research Forum.

November 17, 1997 – Attended the New York Society of Association Executives - Fall Technology Conference and Business Services Expo held in New York City.

November 15, 1997 – Attended the Prentice Hall Accounting Seminar for Educators. Presented a session on "Distance Learning" held in Orlando, FL.

November 14, 1997 – Chairman of Cyber-Accounting in the 21st Century Series: Creating Value and Generating Return on Investment from the World Wide Web Conference held at Rutgers University, Faculty of Management in Newark, NJ. Presented "Questions Auditors Should Ask."

November 13, 1997 – Taught the Executive MBA Program at the Arden House of the Columbia University in New York City.

November 10-11, 1997 – Attended the Ernst & Young Conference of Agents and Online Audit in Cleveland, Ohio.

November 2-3, 1997 – Participated on KPMG Peat Marwick BMP seminar.

October 12-18, 1997 – Taught ISM course at the Institute Theseus in France.

September 30, 1997 – Attended the System Reliability Committee of the American Institute of Certified Public Accountants held in Chicago, IL.

September 26, 1997 – Presented "Towards Intelligent Agents in Accounting: Background and Potential" at the International Conference on Artificial Intelligence & Expert Systems held at the Artificial Intelligence/Expert Systems Symposium, University of Huelva, Spain.

September 19, 1997 – Presentation on "Distance Learning" at the Rutgers Faculty of Management Faculty retreat.

September 5, 1997 – Attended the New York University Conference on Accounting and Legal Issues.

August 16-20, 1997 – Attended the national meeting of the American Accounting Association in Dallas, TX. Attended research workshop on the FRAANK effort and several other committee meetings.

August 4, 1997 – Attended a conference on E-Commerce of
the Institute of Internal Auditors in Chicago, IL.

July 31, 1997 – Presentation on the Rutgers Accounting Web efforts to the
Executive Committee of the American Association of Accountants in Dodger
City, FL.

July 25, 1997 – Attended Technology Committee meeting for
the Institute of Management Accountants in Atlanta, Georgia.

July 11, 1997 – Attended Technology Committee meeting for
the Institute of Internal Auditors.

June 30, 1997 – Plenary presentation on "The Future of the Internet" at the
Sucessu National Computer meeting in Belo Horizonte, Brazil.

June 16, 1997 – Presentation on the Rutgers Accounting Web for the State of New
Jersey, Department of Community Affairs in Trenton, NJ.

June 4, 1997 – Presented "Electronic Commerce: Background, Process and New
Metaphors." Attended New Jersey Society of Certified Public Accountants
Business Opportunities Workshop held at the Manor, West Orange, NJ.

May 30-31, 1997 – Presented "Accounting 2000: Electronic Commerce, Artificial
Intelligence and Other Information Technologies Colloquium" held at Rutgers-
Faculty of Management in Newark, NJ.

May 9, 1997 – Attended Stakeholders meeting at the Rutgers Accounting Web
held at Rutgers-Faculty of Management in Newark, NJ.

May 8-10, 1997 – Attended the 4th Annual American Accounting Association
Conference on Accounting, Behavior and Organizations Section held at the
Westin William Penn Hotel in Pittsburgh, Pennsylvania. Panelist – "Towards
Intelligent Agents in Accounting: Background and Potential."

April 11, 1997 – Presentation of the Rutgers Accounting Web at the mid-year
meeting of the Institute of Management Accountants Technology
Committee in Dallas, TX.

April 4-6, 1997 – Presentation on the Rutgers Accounting Web at the American

Accounting Association Executive Committee & Council Spring meeting at the Sarasota Hyatt in Sarasota, FL.

March 23, 1997 – Attended Association of Government Accountants Executive Committee on the Rutgers Accounting Web.

March 22, 1997 – Presented "Electronic Commerce" at the Prentice Hall Accounting Professor Round Table.

March 11, 1997 – Speaker at the 1st Central and East European International Conference on Information Systems Audit, Control and Security held in Budapest, Hungary.

February 22, 1997 – Prentice Hall Accounting Professors Round Table on "Electronic Commerce" in Kansas City, MO.

February 21, 1997 – Presented "Towards Intelligent Agents in Accounting: Background and Potential" at the Accounting Seminar at the University of Kansas in Lawrence, Kansas.

February 19, 1997 – As the Ernst & Young Visiting Professor, presented "Towards Intelligent Agents in Accounting: Background and Potential" at the University of Kansas.

February 5, 1997 – Presented "Paradigms of Electronic Commerce" at the New Jersey Institute of Technology-Department of Computer Science in Newark, NJ. January 24, 1997 – Participated on the NCAIR meeting on plans for support of research efforts in Washington, DC.

January 23, 1997 – Attended meeting and presented on the Rutgers Accounting Web to the Executive Committee of the Association of Government Accountants in Bethesda, MD.

Miklos Vasarhelyi with Banani Nandi from AT&T Laboratories, "Assessing International Traffic on the Internet."

Miklos Vasarhelyi with Alex Kogan - Rutgers University , Kay Nelson - University of Kansas and Raj Srivastava - University of Kansas, "Towards Virtual Auditing: Intelligent Agent Approach."

Miklos Vasarhelyi with Alex Kogan and Fred Sudit, "Pricing Services on the Internet."

1996

Spring – Presented "Your Life Will Change With the Internet" at the Prentice Hall Accounting Seminar in New York.

Presented "Internet Usage; Strategic Opportunities" at the National Summit on Financial Information Technology and Business Solutions in Coronado,CA.

CONSULTING EXPERIENCE

C21. Financial Accounting Standards Board: setting up the FASB #33 (Inflation Accounting) and FASB #36 (Pension) databases, helping in the Current Text Project.

C20. The Times Mirror Company: ASR 190 replacement cost disclosure.

C19. Unibanco: selecting computer and software systems.

C18. Banco Mercantil De Sao Paulo: selecting computer and software systems.

C17. Banco Bamerindus Do Brazil: selecting computer and software systems.

C16. Mangone & Schnapp: expert witness, fraud assessment.

C15. Kramer & Levin: expert witness, damage assessment.

C14. Amscan: computer center management.

C13. Max Kahn Curtain Corp.: computer center management.

C12. A.M. Frame Co.: selecting computer system.

C11. Petroleum Analysis: selecting computer system.

C10. National Medical Enterprises: regression and cost analysis, litigation support.

C09. Brazilian Ministry of Finance: organizing the Data Processing Center.

C08. City of New York: expert witness, cost allocation, foreign currency translation.

C07. Department of Justice: fraud assessment (COBEC).

C06. Major US Bank: computer fraud assessment.

C05. IBM Brazil: university computing needs.

C04. Citicorp: audit automation effort.

C03. AT&T: pension asset liability management, audit automation effort and advanced factory costing.

C02. Coopers & Lybrand: audit automation effort.

C01. AT&T Bell Laboratories: continuous control monitoring, AGNS ABC project, vague context understanding project, continuous process auditing, cooperating databases, technological assessment, and advice to the US Treasury on depreciation of telephone plant equipment, since 1989.

Doctoral Dissertations Chaired by Miklos A. Vasarhelyi

Rutgers Dissertations

2023 Jumi Kim, "The future of auditing: harnessing blockchain and emerging technology, and understanding the impact of exogenous shocks"

2023 Heejae Lee, "Different scenarios of applying emerging technologies in accounting and auditing"

2023 Kelly Huijue Duan, "The applications of exogenous data and emerging technologies in accounting and auditing"

2022 Lu Zhang, "Visual analytics and visual audit"

2022 Wenru Wang, "Three essays on business analytics in accounting"

2022 Chanyuan Zhang, "Three essays on the impacts of emerging technologies on accounting and auditing"

2022 Chengzhang Wu, "The use of cloud data of IRS form 990 to advance research in not-for-profit institutions"

2021 Arion Cheong, "If you cannot measure it, you cannot manage it: three essays on cybersecurity risk assessment"

2021 Sheng-Feng Hsieh, "Three essays on cryptocurrency"

2019 Abdulrahman Alrefai, "Audit Focused Process Mining: The Evolution of Process Mining and Internal Controls"

2019 Zamil Alzamil, Three Essays on Open Government Data and Data Analytics

2019 Qiao Li, "Applying Natural Language Processing to Audit Brainstorming Knowledge Collection and Analysis."

2019 Yue Liu (Co-Chair with Kevin Moffitt), "Applying Textual Analysis to Auditing"

2019 Andrea Rozario, "Three Essays on Audit Innovation Using Social Media Information and Disruptive Technologies to Enhance Audit Quality"

2018 Feiqi Huang, "Three Essay on Emerging Technologies in Accounting."

2018 Tiffany Chiu, "Exploring New Audit Evidence: The Application of Process Mining in Auditing."

2018 Ting Sun, "Deep Learning Application in Audit Decision Making."

2017 Deniz Appelbaum, "Public Auditing, analytics, and Big Data in the Modern Economy."

2017 Jun Dai, "Three Essays on Audit Technology: Audit 4.0, Blockchain, and Audit App."

2017 He Li, "Three Essays on Cybersecurity-Related Issues."

2016 Desi Arisandi, "The Implementation of Data Analytics in the Governmental and Not-for- Profit Sector."

2016 Stephen Kozlowski, "A Vision of an Enhanced Analytic Constituent Environment: Enhance.

2016 Basma Moharram, "Auditing in Environments of Diverse Data."

2016 Daehyun Moon, "Continuous Risk Monitoring and Assessment: CRMA."

2016 Kyunghee Yoon, "Three Essays on Unorthodox Audit Evidence."

2015 Abdullah Alawadhi, "The Application of Data Visualization In Auditing."

2014   Ryan Teeter, "Essays On The Enhanced Audit."

2014   Qi Liu, "The Application of Exploratory Data Analysis in Auditing."

2013   Siripan Kuenkaikaew, "Predictive Audit Analytics: Evolving to a New Era."

2013   Victoria Chiu, "Accounting Biometrics: The Development and Intellectual Structure of Accounting Research."

2012   Danielle Lombardi, "Using an Expert System to De-bias Auditor Judgment: An Experimental Study."

2012   JP Krahel, "Formalization of Audit Standards"

2011   Yongbum Kim, "Continuous Monitoring: Macro-Micro-Level Control."

2011   Vasundhara Chakraborty, "Three Essays on using Text Analytic Techniques for Accounting Research."

2011   Sutapat Thipsrungsri, "Cluster Analysis for Anomaly Detection in Accounting Data."

2008   Udi Hoitash, "The Effects of Social Ties and Internal Busyness of Independent Committee Members on the Advising Role of Boards of Directors."

2008   Silvia Romero, "Testing Human Factor Tailored Information Reports for Individuals with Different Cognitive Characteristics."

2006   Jia Wu, "Test of Details and Analytical Procedures in Continuous Auditing.

2005   Wei Jaing, "Intelligent Day Trading Agent - A Natural Language Processing Approach to Financial Information Analysis"

2005   Francisco Badua, "Pondering Paradigms: Tracing the Development of Accounting Thought with Taxonomic and Citation Analysis.

2004   Yu Cong, "The Relationship Between the Income Statement Presentation Format and Company Characteristics: An Exploratory Study on the Comparability of the Financial Statement Presentation Format"

2003   Rani Hoitash, "Information Transfer in Analytical Procedures: A Stimulated Industry Knowledge-Management Approach."

2002   Hui Du, "Real Time Demand-Monitoring and Pricing for Online Transactions."

2001 Richard Curtis Jones, "An Inquiry into the effects of Audit Staff Regulating Mechanisms on auditor Task Related Processing in a Risk Assessment Decision"

2000 Chunyan Li, "An Analysis of the Impact of International Accounting Standards."

2000 Agatha Jeffers, "The Impact of Organizational Form on Performance and Risk: The Spanish Banking Experience."

1998 Rimona Palas, "The Expectation Gap Witnessed in the Courtroom."

1998 Jill Giles, "Evidence on the Relation Between Audit Committee Characteristics and the Quality of Financial Reporting."

1995 Joseph Natovich, "Reasoning About Internal Controls and Fraud: The A1 Planning Approach to Modeling the Business Process"

1994 Joseph Russo, "An Investigation of Auditor Problem Solving Behavior in an Unfamiliar Task Situation."

1993 Anique Qureshi, "An Investigation of Auditor Judgment in the Evaluatoin of Contingent Legal Liabilities."

1992 Zakaa Khalifa, "The Impact of the Financial Condition of the Firm on Auditor's Materiality/Disclosure Judgments: An Experimental Study."

Doctoral Dissertations Chaired by Miklos A. Vasarhelyi

Non-Rutgers Dissertations

1984 Bin Srinidhi, "Probability Modeling of Internal Control Systems in Audit Decision Making" Columbia University.

1981 Janine B. Knauf, "Convertible Debentures and Earnings Per Share", Columbia University.

1979 Mary Madonna Katzer Fleming, "Implications of Budgetary Pressure in Firms." University of Southern California.

1977 Franklin D. Eqing-Chow, "An Investigation into Cognitive Styles and Patterns of Behavior within an Investment Framework." University of Southern California.

Doctoral Dissertations Participated by Miklos A. Vasarhelyi

Rutgers Dissertations

2021 Eid Alotaibi, "Essays on government reporting and auditing: Govblockchain and Govsmartcontracts"

2020 Yangin Yoon, "Three essays on textual analysis and audit quality"

2020 Jamie Freiman, "Essays toward the development, implementation, testing, and automation of risk-based full population general ledger auditing systems"

2016 Jongkyum Kim, "Essays on Accounting Information Systems and Accounting Choices."

2012 David Y. Chan, "The Relationship Between An Independent Audit And Financial Quality: Evidence From Small Private Commercial Banks."

2012 Pyung K. Kang, "Earnings News vs. Non-Earnings News: The Impact on Earnings Management."

2011 Ronald J. Strauss, "Business Ethics and Accounting Information in Light of the Financial Crisis of 2008." (Member of Committee)

2005 Elaine Henry, "Are Investors Influenced by How Earnings Press Releases are Written?"

2004 Beixin Lin, "The Value Relevance of Restructuring Charges."

2000 Picheng Lee, "Earnings Management at Different Stages of Financial Distress."

1999 Peggy Ann Hughes, "The Framing Effect on Domestic Transfer Pricing Decisions."

1994 Modather Abou Elkhair, "The Impact Of Qualifications in Auditor's Report on Bankers' Decisions: An Experimental Study."

Doctoral Dissertations Participated by Miklos A. Vasarhelyi

Non-Rutgers Dissertations

2015 Jose Geraldo Luciano, "Data Model to SPED Based on XBRL GL." University of Salvador   (UNIFACS).

2012   Washington Lopes da Silva, "Auditoria Contínua De Dados Como Instrumento De Automação Do Controle Empresarial." Universidade de São Paulo.

2009   Mieke Jans, "Internal Fraud Risk Reduction by Data Mining and Process Mining: Framework and Case Study." Universiteit Hasselt, Belgium.

2009   Lucas Mathias Quadackers, "A Study of Auditors Skeptical Characteristics and their Relationship to Skeptical Judgment and Decisions." Amsterdam.

2006   Carlos Alberto Lourenco dos Santos, "Medelo Conceptual para Auditoria Organizacional Continua com Analize em Tempo Real. Universidade Tecnica de Lisboa.

2005   Gheorghe Cosmin Silaghi, "Contributions to Conception, Design and Development of Collaborative Multi-Agent Systems." Babes-Bolyai University, Romania.

2004   Eija Koskivaara, "Artificial Neural Networks for Analytical Review in Auditing." University of Turku, Finland

1986   Lawrence Charles Mohrweis, "An Empirical Investigation of Factors Affecting the Use of Concurrent EDP Audit Techniques." University of Wisconsin.

1984   Bin Srinidhi, "Probability Modeling of Internal Control Systems in Audit Decision Making" Columbia University.

1979   Arnold Wright, "An Examination of the Effect of Environmental Cues on Audit Judgments" University of Southern California.

1977   Arthur Zale Lieberman, "Methodology for the Automation of the Audit Process Involving the Evaluation of the Plan of Internal Control." University of Arizona.

1976   Octavio Augusto Fontes Tourinho, "Simulacao em Banco de Dados." PUC

1975   Luiz Antonio de Albuquerque Neto, "Projecao do Numero de Linhas Telefonicas Desejaveis a Medio e Longo Prazo em Niveis Regional e Urbano" PUC

1975   Marcio Pecequeiro do Amaral, "Planejamento e Controle de Projetos de "software" PUC

1975   Ward Dale Testerman, "Decision Style and Job Selection in the Computer Industry", University of Southern California.

1975 Mary Madonna Katzer Fleming, "Implications of Budgetary Pressure in CPA Firms", University of Southern California

1975 Hugh Donaldson Grove, "Improving the Usefulness of Accounting Measurement Information, University of Southern California." (Member of Committee)

1975 Franklin D Ewing-Chow, "An Investigation into Cognitive Styles and Patterns of Behavior Within an Investment Framework", University of Southern California.

1974 Carlos Jorge Zimmermann, " Um Sistema Integrado Estatistico Conversacional", Pontificia Universidade Catolica do Rio de Janeiro.

1974 Claudio Toshio Higuchi Kuroba, "Uma Avaliacao de Valor da Informacao de Orcamento." PUC.

1974 Dr. Ernani Ernesto Fonseca, " Um Sistema Piloto de Suporte Administrativo Computadorizado para a Secretaria de Saude do Estado da Guanabara." PUC.

1977 John Hintz

1978 Arnie Wright, University of Southern California