Emmanuel Opara, D.B.A.
Professor
Cyber Security, Digital - Media and Network Forensics
Department of Accounting, Finance & Management Information Systems
College of Business
euopara@pvamu.edu

Professional Interests

Academic Background

D.B.A. Golden Gate University.

M.B.A. University of Houston.

B.S. University of South Alabama.

WORK EXPERIENCE

Academic Experience

Professor, Prairie View A&M University (2017 - Present), Prairie View, Texas.

Assistant Professor, Prairie View A&M University (2000 - 2006), Priarie View, Texas.

Instructor, Prairie View A&M University (1996 - 2000), Prairie View, Texas.

Instructor, Solano Community College (1993 - 1995), Fairfield, California.

Non-Academic Experience

National

Production and Logistic Finance/Management, Chevron Corporation (1986 - 1993), San Ramon, California.

INTELLECTUAL CONTRIBUTIONS:

Refereed Articles

Opara, E., & Dieli, O. J. (2021). Enterprise Cyber Security Challenges to Medium and large Firms: An Analysis. *International Journal of Electronic and Information Engineering*., doi: 10.6636/IJEIE.202106 13(2).05).

Ahmed, M., Kishwar, J. U., & Opara, E. U. (2020). An Overview of and Factor Analytic Approach to Flow Theory in Online Contexts. *Technology in Society, 7 (4)*, 27-37.

Onochie, D. J., Opara, E. U., Osho, S. G., & OJomu, O. (2019). Empirical Estimation of the Impacts of wireless Mobile Phone Technology in the Diffusivity of Technologies and Productivity Growth of the Nigeria's Economic Sector. *Journal of Economicsand Development Studies*.

Ojumu, O. A., & Opara, E. (2017). Oil prices and the US macroeconomy. *International Journal of Business Continuity and Risk Management, 6 (4)*, 17.

Opara, E., & Soluade, O. (2017). The Unwitting Danger Within - Detection, Investigation and Mitigation of a Compromised Network. *International Journal of Cyber-Security and Digital Forensics, 5 (4)*, 208-222.

Opara, E. U., & Hussein, M. T. (2017). Cyber Security, Threat Intelligence: Defending the Digital Platform. *International Journal of Information Technology and Management, 26 (1)*, 138-160.

Opara, E. U., & Hussein, M. T. (2017). Cyber Security, Threat Intelligence: Defending the Digital Platform Journal of International Technology and Information Management. *Journal of International Technology and Information Management, 26 (1)*, 138-160.

Opara, E. U., Mahfouz, A. Y., & Holloway, R. R. (2017). Network Platforms, Advanced Persistence Threat – The Changing Patterns of Cyber-Attacks. *Journal of Forensic Sciences & Criminal Investigation (JFSCI)*.

Opara, E., & Mahfouz, A. Y. (2016). Conquering the Cyber Attacks: Analysis and Protecting the Enterprise Resources. *International Journal of Business Continuity and Risk Management, 6 (4)*, 314-329.

Ojumu, O. A., & Opara, E. U. (2016). Oil Prices and the US Macroeconomy. *International Journal of Business Continuity and Risk Management, 6 (4)*.

Opara, E., & Soluade, O. A. (2015). Straddling The Next Cyber Frontier: The Empirical Analysis On Network Security, Exploits, And VulnerabilitiesSolutions. *International Journal of Electronic and Information Engineering, 3 (1)*, 10-18.

Opara, E., Musa, S. M., Shayib, M. A., & Oliver, J.D. (2014). Measurement and Test Performance for Integrated Digital Loop Carrier for White Noise Impairment Using Interleaved Mode. *Communications of IIMA Journal, V (1)*.

Opara, E., & Soluade, O. (2014). Security Breaches, Network Exploits and Vulnerabilities: A Conundrum and an Analysis. *International Journal of Cyber-Security and Digital Forensics, 3 (4)*., doi: IJCSDF.

Opara, E. U., Jaymeen, S. R., & Murtaza, Murtaza B. Mirza (2014). Electronic Healthcare Records - Challenges and Opportunities. *International Journal of Information Technology and Management*.

Opara, E., & Vamuri, V. (2013). Information Technology and Resource Consumption: Causal Analysis of Paper Use. *International Journal of Global Management, 5 (1)*.

Opara, E., & Soluade, O. A. (2013). Effect of Virtualization on Enterprise Network, SErvre/Desktop Systems on Small and Mid-Size Businesses [SMB's]. *Journal of International Technology and Information Management, 22 (2)*.

Opara, E., & Bell, R. R. (2012). The Relative Frequency of Reported Cases by Information Technology Professional of Breaches on Security Defenses. *International Journal of Global Management Studies Professional, 3 (1)*.

Opara, E., Bell, R., & Byrant, M. (2011). Some Common Practices In Relation To Breaches In Information Technology Security: Does Stiffening Access Reduce Risk? *International Journal of Global Management Studies Professional, 3 (2)*.

Opara, E. (2011). An Analysis of Historical Transformation of IT Giant Based on Sound Strategic Vision. *Communications of the CIIMA, 11 (2)*, 13-21.

Opara, E. U., & Etnyre, V. (2010). Enterprise Systems Network: SecurID Solutions, the Authentication to Global Security Sytems. *Journal of International Technology and Information Management, 18 (3)*.

Chong, G., & Opara, E. U. (2009). Ethical Framework for the Information Technology and Business Professionals. *Communications of the CIIMA, 9 (3)*.

Opara, E. U., Musa, S., & Akujuobi, C. (2007). 'Utilization of Buffers for Performance Evaluation of Local Area Network Protocols'. *Communications of the CIIMA*.

Opara, E. U., Rob, M., & Etnyre, V. (2006). Biometrics and Systems Security: An Overview of End-To-End Security System. *Communications of the CIIMA, 6 (2)*.

Opara, E. U., & Marchewka, J. T. (2006). Enterprise Integrated Security Platform: A Comparison of Remote Access And Extranet Virtual Private Networks. *Journal of International Technology and Information Management, 15 (2)*, 40-48.

Opara, E. U. (2005). Career in Information Technology: An Analysis of Job Satisfaction Among African American Males and African American Females in the United States. *Journal of International Technology and Information Management, 15 (1)*.

Opara, E. U., Soliman, M.A., & Bell, R. (2004). Examining the Effects on Global Business of Women Using. *Journal of Current Research in Global Business, 6 (9)*.

Opara, E. U., & Gupta, O. (2004). Scalability, Interoperability and Movement of Data on the Web Using XML Technology. *Communications of the IIMA, 4(4)*, 71-84.

Opara, E. U., & Gupta, O. (2004). Connectivity via Web Services: An Analysis for Interoperable E-Commerce. *Communications of IIMA Journal, 4 (4)*, 99-109.

Opara, E. U. (2004). XML:Gateway for Data Mobility and Universal Connectivity. *Journal of International Technology and Information Management, 13 (3)*.

Opara, E. (2004). XML: Gateway for data mobility and universal connectivity. *Journal of International Technology and Information Management*.

Opara, E. U. (2003). Enterprise Application Integration [EAI] and the Enterprise Resource Planning [ERP] Platform: A Conceptual Framework and a Field of Study. *Journal of Current Research in Global Business, 5 (7)*, 84-93.

Opara, E. U. (2003). An Interpretive Approach for Expert System Evaluation. *Communications of IIMA Journal, 3 (2)*, 119-131.

Opara, E. U. (2003). Extensible Markup Language: An Enterprise Integration Web Delivery System. *Communications of IIMA Journal, 3 (2)*, 105-115.

Opara, E. U., & Mohammed, R. (2003). Online Credit Card Processing: Important Issues to Consider for a Small Merchant. *Human Systems Management, 22 (3)*.

Opara, E. U. (2003). Digital Technology: Effect on Global Business. *Journal of Global Business, 14 (27)*, 65-71.

Opara, E. U. (2000). The Political, Cultural and Religious Influences on Information Technology Diffusion in the African Continent. *Journal of Current Research in Global Business, 2 (2)*, 21-30.

Opara, E. (1996). The Empirical Test of Total Quality Management: An Application of TQM at Chevron and Its Impact on Productivity. *Quality Engineering*.

Refereed Proceedings

Full Paper

Trautman, L. J., Opara, E., Hussein, M., & Rahman, S. (2020). Posted: No Phishing. *Academy of Legal Studies in Business*.

Opara, E., & Soluade, O. (in press, 2014). Empirical Evidence on Cyber-Security, Exploits, Vulnerabilities and Solutions. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2013). Network Security, Threats, Penetration Testing, Containment and Solutions: A Case Study. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2012). Effect of Virtualization on Enterprise Network, Server/Desktop Systems on Small and Mid-Size Businesses [SMB's]. *International information Management Association Annual Conference*.

Opara, E., & Soluade, O. (in press, 2011). An Analysis of Historical Transformation of IT Giant Based on Sound Strategic Vision. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2010). Statistical Analysis of VoDSL Technology for the Efficiency of Listening Quality of 640k/640k. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2009). Integrated Enterprise Systems Enhancing Vocie over IP I. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2008). Enhanced Security: Beyond UserID + Password, California State University San Bernanondo California. *International Information Management Association (IIMA) Conference*.

Opara, E. U., & Sarhan, M. (2007). Quality of Service for Voice over Internet Protocol. *International information Management Association Annual Conference*.

Opara, E. U. (2006). Enhanced Security: Beyond UserID + Password. *International information Management Association Annual Conference*.

Opara, E. U., & Srivastava, M. (in press, 2004). Data Mobility on the Web. *FBD Conference*.

Opara, E. U., & Massoud, S. (2003). Electronic Services and Taxation: Online Taxation Model Determining National Permanent Establishment' Status. *Proceedings of the FBD Conference*.

Opara, E. U. (2002). Internet and Electronic commerce in Africa: The Conundrum in the African Theatre. *International Conference of the International Academy of African Business and Development (IAABD)*.

Opara, E. U. (2002). Enterprise Resources System (ERP): An Experiential Analysis. *International Information Management Association Conference, Savannah, GA*.

Abstract Only

Opara, E., & Soluade, O. (in press, 2017). Next Generation Secured and Trustworthy Cyber Space Solutions for Instant Monitoring, Detection, Mitigation, Containment. *International Information Management Association (IIMA) Conference*.

Mahfouz, A. Y., Jones, L., & Opara, E. U. (2017). How Nike is Utilizing Supply Chain Management Systems. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2016). Cyber Securities Vulnerabilities - Systems Under Attack. *International Information Management Association (IIMA) Conference*.

Opara, E., & Soluade, O. (in press, 2015). Cyber Security Risk, Observations: An Analysis - Insider Threats. *International Information Management Association (IIMA) Conference*.

Non-Refereed Articles

rautman, L. J., Opara, E., Hussein, M., Molesky, M., & Rahman, S. (2021). Posted: No Phishing. *Emory Corporate Governance and Accountability Review*.

Onochie, D. J., Osho, G. S., Opara, E. U., & Ojumu, M. (2020). Measuring Efficiency Growth Rate in the Pre and Post Deregulation Periods: Wireless Mobile Phone Technology on Healthcare Delivery in Nigeria. *Journal of Business and Economic Policy*, *7 (2)*.

Dieli, O. J. (2020). The Marginal Impact and Spillover Effects of Increased Expenditure on Cyber Security in US IT Industry and GDP Growth Rates. *Journal of Smart Economic Growth*, *5 (2)*, 125-140.

Presentation of Refereed Papers

International

Mahfouz, A. & Opara, E. (2018). *Experience of Integrating an SAP Enterprise Systems Curriculum.* International Association of Information Management Conference, Houston, Texas.

Opara, E. & Soluade, O. (2018). *Memory Forensics – Putting Digital Forensics into Practice – The Changing Pattern on Cyber-Espionage.* International Information Management Association Conference, Houston, Texas.

Opara, E. & Soluade, O. (2017). *Next generation SEcured and Trustworthy Cyber Space Solution for Instant Monitoring, DEtection, Mitigation, Containment.* International Information Management Association (IIMA) Conference, Scotland, United Kingdom.

Opara, E. & Soluade, O. (2016). *Cyber Security Vulnerabilities – Systems Under Attack: An Analysis.* International Information Management Association (IIMA) Conference, Taipei, Taiwan.

Kent, B., Ahmed, M., & Opara, E. (2015). *Nestle's ERP Implementation with SAP: A Long Journey to Success.* International Information Management Association (IIMA) Conference, Chatanouga, Tennessee.

Opara, E. & Soluade, O. (2015). *Cyber Security, Observation: An Analysis.* International Information Management Association (IIMA) Conference, Chatanouga, Tennessee.

Opara, E. & Soluade, O. (2014). *Empirical Evidence on Cyber-Security, Exploits, Vulnerabilities and Solutions.* International Information Management Association (IIMA) Conference, Palm Beach California, United States of America.

Opara, E. (2013). *Network Security, Threats, Penetration Testing, Containment and Solutions: A Case Study.* The 13th Annual Conference of the International Information Management Association Conference, Rochelle, New York.

Opara, E. (2012). *Effect of Virtualization on Enterprise Network, Server/Desktop Systems on Small and Mid-Size Businesses [SMB's].* International Information Management Association (IIMA) Conference, Chicago, Illinois.

Opara, E. (2011). *An Analysis of Historical Transformation of IT Giant Based on Sound Strategic Vision.* International Information Management Association (IIMA) Conference, New Orleans, Louisiana.

Opara, E. (2010). *Statistical Analysis of VoDSL Technology for the Efficiency of Listening Quality of 640k/640k.* International Information Management Association (IIMA) Conference, Utrecht, Netherlands.

Opara, E. (2009). *Integrated Enterprise Systems Enhancing Vocie over IP I.* International Information Management Association (IIMA) Conference, Prairie View, Texas.

Opara, E. (2008). *Enhanced Security: Beyond UserID + Password, California State University S.* International Information Management Association (IIMA) Conference, San Diego, California.

Opara, E. (2007). *Quality of Service for Voice over Internet Protocol.* International Information Management Association (IIMA) Conference, Beijing China, China.

Opara, E. (2006). *Biometrics and Systems Security: An Overview of End-toEnd Security Sysytems.* International information Management Association Annual Conference, New Rochelle, New York.

Opara, E. (2006). *Utilization of Buffers for Performance Evalution of Local Area Network Protocols.* International information Management Association Annual Conference, New Rochelle, New York.

Opara, E. (2005). *Web Service and Challenges.* International information Management Association Annual Conference, Dublin, Ireland.

Opara, E. U. (2002). *Internet and Electronic Commerce in Africa: The conundrum in the african Theatre.* The 3rd International Conference of the International Academy of African Business and Development (IAABD), Unknown, Unknown.

Local

Opara, E. & Baite, R. U. (2009). *Integrated Enterprise Systems Enhancing Voice over IP Interoperability and Scababilty to Enhance Productivity.* International Conference of International Information Management Association, Prairie View, Texas.

Opara, E. U. & Massoud, S. (2003, March). *Electronic Services and Taxation: Online Taxation Model Determining National Permanent Establishment' Status.* FBD Conference, Houston, Texas.

Regional

Opara, E. U. (2003, October). *Extensible Markup Language: An Enterprise Integration Web Delivery System.* International Conference of International Information Management Association, Las Vegas, Nevada.

Soliman, M.A., Bell, R., & Opara, E. (2003, October). *Examining the Effects on Global Business of Women Using Information Technolgy.* Annual Conference of the Association of Global Business, Atlanta, Georgia.

Opara, E. U. (2003, September). *An Interpretive Approach for Expert System Evaluation.* International Conference of International Information Management Association, Las Vegas, Nevada.

Opara, E. U. (2002). *Enterprise Resources System(ERP) An Experiential Analysis.* The 13th Annual Conference of the International Information Management Association Conference, Savannah, Georgia.

Opara, E. U. (2002, October). *The Basics of E-commerce.* The Technology Partnership Conference and Exhibition, Atlanta, Georgia.

State

Opara, E. & M., S. (2007). *Quality of Service for Voice over Internet Protocol.* International information Management Association Annual Conference, Beijing, China.

Opara, E. & Srivastava, M. (2004). *Data Transportation on the Web.* FBD Conference, Orlando, Florida.

Opara, E. (2004, October). *Track Chair, Web Delivery Systems.* International Association of Information Management Conference, Chicago, Illinois.

Presentation of Non-Refereed Papers

International

Hussein, M. & Opara, E. (2018). *The Decline of Management Information System Programs (MIS).* Invited presentation at International Association of Information Management Conference, Houston, Texas.

Opara, E. & Soluade, O. (2014, October). *Empirical Evidence on Cyber-Security, Exploits, Vulnerabilities and Solutions.* Invited presentation at International Information Management Association (IIMA) Conference, Palm Beach Spring California, United States of America.

Local

Opara, E. (2015, June). *Industry Day held at PVAMU University Campus.* Invited presentation at COB Research Presentation, Prairie View, Texas.

Opara, E. (2014). *The Dynamic World of Threat, DEtection, Containment & Responses: A Case Analysis.* PVAMU COB Seminar presentation, Prairie View, United States of America.

Research Grants

Funded

2015: Opara, E. PVAMU Summer Mini Grant.

2015: Opara, E. Title III.

2002: Opara, E. U. E-commerce Business: Impact on African American Businesses and other Minority Entrepreneurs in the Greater Houston Area, Principal Investigator, Prairie View A&M University Research Enhancement Program.

2001: Opara, E. U. Internet, African American and other minority Entrepreneurs in the Greater Houston Area, Principal Investigator, Prairie View A&M University Research Enhancement Program.

Working Papers

Dieli, O. J., Osho, G. S., Opara, E., & Ojumu, M. (2020). "Measuring Efficiency Growth Rate in the Pre and Post Deregulation Periods: Wireless Mobile Phone Technology on Healthcare Delivery in Nigeria," targeted for Journal of Economics and Development Studies.

Opara, E. (2014). "The Dynamic World of Threat, Detection, Containment & Responses: A Case Analysis.."

Opara, E. & Orfedele, S. (2014). "Empirical Evidence on Cyber-Security, Exploits, Vulnerabilities and Solutions.."

Opara, E. (2013). "Network Security, Threats, Penetration Testing, Containment and Solutions: A Case Study.," targeted for International Information Management Association (IIMA) Conference.

Opara, E. (2012). "Effect of Virtualization on Enterprise Network, Server/Desktop Systems on Small and Mid-Size Businesses [SMB's]."

Opara, E. & Mohammed, R. (2009). "Integrated Enterprise Systems Enhancing Voice over IP Interoperability and Scalability to Enhance Productivity presented at the 20th Annual Conference for IIMA Oct 12-14, 2009 Prairie View A&M University.," targeted for International Information Management Association (IIMA) Conference.

SERVICE:

Service to the University

College Assignments

Chair:

2012-2013: Phi Beta Lambda

2010-2011: Phi Beta Lambda

2006-2007 – 2007-2008: Intellectual Contributions (Co-Chair)

2004-2005: Technology Committee (Co-Chair)

College Assignments

Faculty Advisor:

2005-2006: Phi Beta Lambda, Student Organization (1997-Present)

1998-1999: Phi Beta Lambda National Business Organization(1996-1999)

College Assignments

Member:

2012-2013: Beta Gamma Sigma Honor Society

2010-2011: Beta Gamma Sigma Honor Society

2005-2006 – 2007-2008: College of Business Faculty

2005-2006 – 2006-2007: Technology Committee

2004-2005: Graduate Committee

2003-2004: Intellectual Contributions

College Assignments

Chair:
2004-2005: Technology Committee, College of Business, Prairie View A&M University
2003-2004: Curriculum Committee: College of Business, PVAMU(1997-2004)

University Assignments

Chair:
2012-2013: University Academic Council
2010-2011: University Academic Council

University Assignments

Committee Chair:
2002-2003: University Academic Council Task Force Committee
1998-1999: Principal Committee on Finance and Physical Resources(1997-1999)

Committee Member:
2004-2005: University Academic Council (UAC)2002-Present
2003-2004: PVAMU Regional Leadership Committee (1997-2004)
2003-2004: Planning Committee: University-Wide, Peace Corps Program(1997-2004)
2003-2004: Founders' Day and Honors Convocation (1997-2004)
2003-2004: Faculty Senate Award Committee (1997-2004)
2003-2004: Faculty Senator, Prairie View A&M University (1997-2004)
2003-2004: Intellectual Contribution Committee 2002-2004
1999-2000: Principal Committee on the Library for the Institutional Self-Study Year (1997-2000)
1998-1999: College of Business EDS Case Challenge Team, (1997-1999)

Faculty Advisor:
2000-2001: Voices of Distinction, Toastmasters International(1996-2000)

University Assignments

Member:
2012-2013: University Faculty Senate
2010-2011: University Faculty Senate

Service to the Profession

Chair: Committee / Task Force
2000: Co-Chaired PVAMU National Cluster 2000 Conference E-Business Track, Prairie View, Texas.

Other Professional Service Activities
2000: Participated in Leadership Conference, Prairie View, Texas. Participated in PVAMU Regional Leadership Conference

Presentation

2001: PVAMU Regional Leadership Conference, Prairie View, Texas. Participated and presented a paper

Faculty Development

DS: Instructional-Related Conference

2001: . McGraw Hill Office XP Suite 2001 Conference

Other Professional Development

2014: PVAMU COB Seminar presentation.

2009: International Conference of International Information Management Association.

2006: International information Management Association Annual Conference.

2004: International Association of Information Management Conference.

2004: FBD Conference.

Professional Seminars / Workshops

2004: . Globalization Seminar on E-Business/E-Commerce at the Centers for International Business Education and Research (CIBERs)University of Memphis, June 3-6

Technology-Related Training

2004: . Microsoft Windows Server 2003 to windows NT Server It Professionals Conference

Honors-Awards-Grants

Honor

2003: , Prairie View A&M University. Dean's Excellence in Research Award, College of Business 2003-2004 ($1,000).