

Dr. Clincy's Research Accomplishments & Activities (updated March 2009)

Received **Distinguished Service Award** from The 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing in recognition of service contributions to Worldcomp08.

Received **\$1000 Honorarium** from WorldComp08, 2008

Received **Achievement Award and \$1000 Honorarium** from The 2007 World Congress in Computer Science, Computer Engineering, and Applied Computing in recognition and appreciation of research contributions, 2007

Nominated for the **2006 College of Science and Math Distinguished Scholarship Award, KSU**

Received the **2005 Computer Science & Information Systems Department Research Award, KSU**

Nominated for the **2005 College of Science and Math Distinguished Scholarship Award, KSU**

Publications

Journals (accepted papers)

- Clincy, Victor, *"Simulating Networking and Security Issues"*, The Journal of Computing Sciences in Colleges, Volume 23, Number 1, October 2007
- Clincy, Victor and Padmaja Mudiraj, *"The Future Leading Mobility Protocol – Mobile IPv4 or Mobile IPv6?"*, The Journal of Computing Sciences in Colleges, Volume 22, Number 1, October 2006
- Clincy, Victor and Ajay Krithi Sitaram, *"Evaluation and Illustration of a Free Software Tool for Wireless Network Monitoring and Security"*, The Journal of Computing Sciences in Colleges, Volume 21, Number 3, February 2006
- Clincy, Victor and Ajay Krithi Sitaram, *"Free Tools for Teaching and Researching Wireless Networking Concepts"*, The Journal of Computing Sciences in Colleges, Volume 21, Number 3, February 2006
- Clincy, Victor, *"Using An Easy-to-Use and Free Tool in Teaching and Researching Network and Security Issues"*, The Journal of Computing Sciences in Colleges, Volume 21, Number 2, December 2005
- Clincy, Victor and Nael Abu-Halaweh, *"A Taxonomy of Free Network Sniffers for Teaching and Research"*, The Journal of Computing Sciences in Colleges, Volume 21, Number 1, October 2005
- Clincy, Victor, *"ITGuru – A Powerful Network Simulation Environment for Teaching and Research"*, The Journal of Computing Sciences in Colleges, Volume 19, Number 5, May 2004
- Clincy, Victor, *"Software Development Productivity and Cycle Time Reduction"*, The Journal of Computing Sciences in Colleges, Volume 18, Number 10, October 2003
- Clincy, Victor, Shieng Jang and Jaime Trevino, *"STORAGE AND INDUSTRIAL TRUCK SELECTION EXPERT SYSTEM (SITSES)"*, International Journal of Computer Integrated Manufacturing [Vol 4, Num 3, May-June 1991].

Conference Proceedings (accepted papers)

- Clincy, Victor, Xinhao Gu and Mevlut Sasmaz *"Enhancements and Performance Evaluation of WANs"*, [International Conference on Communications in Computing (CIC08)], pgs 36-40, July 14-17, 2008
- Clincy, Victor, and Godwin Fumey-Nassah, *"Effective Corporate Information Security Policies"*, [International Conference on Internet Computing (ICOMP08)], pgs 283-288, July 14-16, 2008
- Clincy, Victor, and Olayemi Olagbegi, *"Performance Study on Mobile IPv4 vs IPv6"*, [International Conference on Wireless Networks (ICWN07)], pgs 586-589, July 14-16, 2008
- Clincy, Victor, and Steven Benzel, *"Accuracy of the IT Guru Wireless Model"*, [International Conference on Wireless Networks (ICWN07)], pgs 602-604, July 14-16, 2008
- Clincy, Victor, Saeda Mustafa, and Nael Abu Halaweh, *"Effect of TCP Window Scaling on TCP Performance"*, Las Vegas, Nevada [International Conference on Internet Computing (ICOMP07)], June 25-28, 2007
- Clincy, Victor, and Nael Abu Halaweh, *"Analysis of the Internetworking Protocol Version 6"*, Las Vegas, Nevada [International Conference on Internet Computing (ICOMP07)], June 25-28, 2007
- Clincy, Victor and Junior Napier, *"Designing and Implementing a VPN - A Real Life Illustration"*, Las Vegas, Nevada [Conference on Communications in Computing (CIC07)], June 25-28, 2007
- Clincy, Victor and Yusuf Nzibo, *"A Firewall Simulation Study"*, Las Vegas, Nevada [Conference on Communications in Computing (CIC07)], June 25-28, 2007
- Clincy, Victor, and Junior Napier, *"Demonstrating Database Clustering Over A Wired VPN Network Link"*, Las Vegas, Nevada [International Conference on Internet Computing (ICOMP07)], June 25-28, 2007

- Clincy, Victor and Ajay Sitaram, "Gaming Traffic Characterization Over A Wireless Network", Las Vegas, Nevada [International Conference on Wireless Networks (ICWN07)], June 25-28, 2007
- Clincy, Victor and Junior Napier, "Wireless VPN Backbone Performance for Database Transactions", Las Vegas, Nevada [International Conference on Wireless Networks (ICWN07)], June 25-28, 2007
- Clincy, Victor and Padmaja Mudiraj, "A Mobile IPv6 Study", Las Vegas, Nevada [International Conference on Wireless Networks (ICWN07)], June 25-28, 2007
- Clincy, Victor and Ajay Sitaram, "A Real-time Study of 802.11b and 802.11g", Tahiti, French Polynesia [IEEE International Conference on Systems and Network Communications (ICSNC06)], October 29-November 3, 2006
- Clincy, Victor and Padmaja Mudiraj, "Wireless Intrusion Detection Technologies to Determine Friend or Foe", Las Vegas, Nevada [International Conference on Wireless Networks (ICWN06)], June 26-29, 2006
- Clincy, Victor and Ajay Sitaram, "IP Queuing Analysis", Las Vegas, Nevada [Conference on Communications in Computing (CIC06)], June 26-29, 2006
- Clincy, Victor and Padmaja Mudiraj, "Tor – A tool to disguise Internet communications", Las Vegas, Nevada [International Conference on Internet Computing and Computer Games Development (ICOMP/CGD06)], June 26-29, 2006
- Clincy, Victor and Garima Sogarwal, "Future Technological Approaches to Distance Learning", Las Vegas, Nevada [International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS)], June 26-29, 2006
- Clincy, Victor and Ajay Sitaram, "Wireless 802.16, Next Generation Wireless", Las Vegas, Nevada [International Conference on Wireless Networks (ICWN06)], June 26-29, 2006
- Clincy, Victor and Garima Sogarwal, "M-Commerce, Emergent Platform For Training & Educating", Las Vegas, Nevada [International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS)], June 26-29, 2006
- Clincy, Victor, and Nael Abu-Halaweh "Adaptive Traffic Engineering Effect on Router Delay Using MPLS", Honolulu, Hawaii [International Association of Science and Technology for Development (IASTED) Internet & Multimedia Systems & Applications International Conference], August 15-17, 2005
- Clincy, Victor, Nael Abu-Halaweh and Padmaja Mudiraj, "Traffic Analysis of a Multimedia Network", Honolulu, Hawaii [International Association of Science and Technology for Development (IASTED) Internet & Multimedia Systems & Applications International Conference], August 15-17, 2005
- Clincy, Victor and Nael Abu-Halaweh, "Performance Evaluation of IPv6 versus IPv4", Las Vegas, Nevada [6th International Conference on Communications in Computing (CIC05)], June 27-30, 2005
- Clincy, Victor and Padmaja Mudiraj, "A Defense-In-Depth (DiD) Approach to Secure Wireless Networks", Las Vegas, Nevada [International Conference on Wireless Networks (ICWN05)], June 27-30, 2005
- Clincy, Victor and Joe Sessums, "Configuration Approach To Improving E-Commerce Server Load", Las Vegas, Nevada [International Conference on Internet Computing (ICOMP05)], June 27-30, 2005
- Clincy, Victor: "The SONET Ring Transport Planning Problem", Kennesaw, Georgia [Association of Computing Machinery (ACM) Southeastern Regional Conference, ACM-SE 2005], March 18-20, 2005
- Clincy, Victor: "Using A Simulation Environment for Teaching and Researching Networking Topics", Kennesaw, Georgia [Association of Computing Machinery (ACM) Southeastern Regional Conference, ACM-SE 2005], March 18-20, 2005
- Clincy, Victor: "Using Multi-Protocol Label Switching (MPLS) for Multimedia Applications", Orlando, Florida [International Conference on Cybernetics and Information Technologies, Systems and Applications: CITSA 2004], July 21-25, 2004.
- Clincy, Victor and Nael Abu-Halaweh, "Voice Over MPLS (VoMPLS) – A Case Study", Las Vegas, Nevada [5th International Conference on Communications in Computing (CIC04)], June 21-24, 2004
- Clincy, Victor, "The Planning of Transport Facilities and Equipment for Very Large Scaled and Global Backbone Telecommunications Networks", Pointe-a-Pitre, Guadeloupe [3rd International Conference on Networking], March 1-4, 2004.
- Clincy, Victor, "An Overview of Telecommunications Transport Planning", Innsbruck, Austria [International Association of Science and Technology for Development (IASTED) Parallel and Distributed Computing and Networks 22nd International Conference], February 16-19, 2004
- Clincy, Victor and E. Doug Harris, "Facilitating Increased Productivity In Rapidly Changing Engineering and Manufacturing Environments" St. Louis, Missouri [American Society for Engineering Management 24th National Conference], October 15-18, 2003.
- Clincy, Victor, "Creating An Environment For High Performance Software Engineering Teams – A Real Life Perspective", Monte Carlo Resort, Las Vegas, Nevada [The 2003 International Multi-conference in Computer Science and Computer Engineering], June 23-26, 2003.
- Clincy, Victor and K. Jamie Rogers, "THE DEVELOPMENT OF A MULTIOBJECTIVE SYSTEMATIC METHODOLOGY FOR PROJECT SELECTION & LOCATION", American Society for Engineering Management 14th Annual Conference Proceedings [pp. 201-208, October 24-26, 1993].

Other Publications

- Clincy, Victor, "NETWORK ANALYSIS MODEL", Scientific-Atlanta, Inc, Prospectus & User Manual [August 13, 2001].
- Clincy, Victor, "INFRASTRUCTURE DECISION SUPPORT (IDS) APPLICATION OVERVIEW", AT&T, Design Document [February 12, 2000].
- Clincy, Victor and John E. Simmons, "CAPACITY MANAGEMENT CENTER SYSTEM REQUIREMENTS", AT&T, Requirements Document [April 15, 1999].
- Clincy, Victor, "ANALYZE NETWORK APPLICATION FEATURES", AT&T, Requirements Document [November 21, 1998].
- Clincy, Victor, "NETWORK ANALYSIS ALGORITHMS AND METRICS", AT&T, Internal Document [March 26, 1998].
- Clincy, Victor, "TRANSPORT NETWORK ANALYSIS TOOL DESIGN AND REQUIREMENTS", AT&T, Technical Report [February 2, 1998].
- Clincy, Victor, Wen-Jui Li and Keesung Nam, "HYBRID NETWORK PLANNING TOOL PILOT DESIGN", AT&T Bell Labs, Technical Report [January 27, 1997].
- Clincy, Victor and Wen-Jui Li, "HYBRID NETWORK PLANNING PROTOTYPE OVERVIEW (VER 1.0)", AT&T Bell Labs, Technical Report [October 7, 1996].
- Clincy, Victor, "HYBRID NETWORK PLANNING PROTOTYPE: PROBLEMS AND ALGORITHMS", AT&T Bell Labs, Technical Report [August 9, 1996].
- Clincy, Victor, "TRANSPORT NETWORK INTEGRATED DESIGN (TNID) VISION", AT&T Bell Labs, Vision Document [May 3, 1996].
- Clincy, Victor, "TRENDING ANALYSIS AND INVENTORY CAPACITY COMMITMENT SYSTEM (TRICCS)", AT&T Bell Labs, Technical Report [August 7, 1995].
- Clincy, Victor, "AIR-MILES AND TERMS COUNTING HIERARCHY (MATCH) SYSTEM: DESIGN AND ALGORITHM", AT&T Bell Labs, Technical Report [June 3, 1994].
- Clincy, Victor, "TRENDMOD (TRENDING ANALYSIS MODULE) REL 1.0", AT&T Bell Labs, Requirements Document [October 28, 1994].
- Clincy, Victor and Ann Fink, "TRANSPORT ASSET ASSIGNMENT SYSTEM (TAAS) REL 1.0", AT&T Bell Labs, Design Document [February 17, 1994].

Research Related Activities

- 2008** **General Conference Vice Chair**, The 2008 International Conference on Communications in Computing (CIC08), Las Vegas, NV
- 2008** **General Conference Vice-Chair**, The 2008 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS08) , Las Vegas, NV
- 2008** **General Conference Vice Chair**, The 2008 International Conference on Internet Computing and Conference on Computer Games Development (ICOMP08), Las Vegas, NV
- 2008** **General Conference Vice-Chair**, The 2008 International Conference on Wireless Networks (ICWN08), Las Vegas, NV
- 2008** **Session Chair**, ICWN08, Wireless Communication + Mobile and Wireless Ad Hoc Networking, Las Vegas, NV, July 14, 2008,3:20pm-4:40pm
- 2008** **Session Chair**, ICOMP08, Novel Applications, Las Vegas, NV, July 16, 2008, 12:40pm-2:00pm
- 2008** **Session Chair**, ICWN08, Wireless Communication + Mobile and Wireless Ad Hoc Networking, Las Vegas, NV, July 15, 2008, 8am-9am
- 2008** **Reviewer**, The 2008 International Conference on Wireless Networks, Las Vegas, Nevada
- 2008** **Reviewer**, The 2008 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS), Las Vegas, Nevada
- 2008** **Reviewer**, The 2008 International Conference on Communications in Computing, Las Vegas, Nevada
- 2008** **Reviewer**, The 2008 International Conference on Internet Computing, Las Vegas, Nevada
- 2007** **General Conference Vice Chair**, The 2007 International Conference on Communications in Computing (CIC07), Las Vegas, NV
- 2007** **General Conference Co-Chair**, The 2007 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS07) , Las Vegas, NV
- 2007** **General Conference Vice Chair**, The 2007 International Conference on Internet Computing and Conference on Computer Games Development (ICOMP07), Las Vegas, NV
- 2007** **General Conference Co-Chair**, The 2007 International Conference on Wireless Networks (ICWN07), Las Vegas, NV
- 2007** **Editor**, The 2007 Proceedings of the International Conference on Internet Computing and Conference on Computer Games Development

2007 **Editor**, The 2007 Proceedings of the International Conference on Wireless Networks
2007 **Editor**, The 2007 International Conference on Frontiers in Education: Computer Science & Computer Engineering
2007 **Associate Editor**, The 2007 Proceedings of the International Conference on Communications in Computing
2007 **Session Chair**, ICWN07, Algorithms and Applications + Infrastructure + Analysis, Las Vegas, NV, June 26, 2007, 9:40am-10:20am
2007 **Session Chair**, ICWN07, Algorithms and Applications, Las Vegas, NV, June 28, 2007, 10:40am-12:20am
2007 **Session Chair**, ICOMP07, Protection, Security and Privacy, Las Vegas, NV, June 26, 2007, 3:20pm-4:20pm
2007 **Session Chair**, CIC07, Networks and Related Issues, Las Vegas, NV, June 27, 2007, 10:40am-12:20pm
2007 **Session Chair**, CIC07, Communication Security and Methodologies, Las Vegas, NV, June 26, 2007, 11:20am-12:20pm
2007 **Reviewer**, The 2007 International Conference on Wireless Networks, Las Vegas, Nevada
2007 **Reviewer**, The 2007 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS), Las Vegas, Nevada
2007 **Reviewer**, The 2007 International Conference on Communications in Computing, Las Vegas, Nevada
2007 **Reviewer**, The 2007 International Conference on Internet Computing, Las Vegas, Nevada
2007 **Program Committee Member**, The 2007 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS), Las Vegas, Nevada
2007 **Program Committee Member**, The 2007 International Conference on Wireless Networks
2007 **Program Committee Member**, The 2007 International Conference on Communications in Computing
2007 **Program Committee Member**, The 2007 International Conference on Internet Computing
2006 **General Conference Vice Chair**, The 2006 International Conference on Communications in Computing, Las Vegas, NV
2006 **General Conference Co-Chair**, The 2006 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS) , Las Vegas, NV
2006 **Associate Editor**, The 2006 Proceedings of the International Conference on Communications in Computing
2006 **Associate Editor**, The 2006 Proceedings of the International Conference on Internet Computing and Conference on Computer Games Development
2006 **Associate Editor**, The 2006 Proceedings of the International Conference on Wireless Networks
2006 **Associate Editor**, The 2006 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS), Las Vegas, Nevada
2006 **Session Chair**, FECS06, Tools, Techniques and Evaluation (Session 2), Las Vegas, NV, June 26, 2006, 3:20pm-6pm
2006 **Session Chair**, ICWN06, Security and QoS + Related Issues, Las Vegas, NV, June 28, 2006, 9:40am-11:20am
2006 **Session Chair**, ICOMP/CGD06, Internet Computing Tools and Analysis + Usability and Visualization Issues, Las Vegas, NV, June 28, 2005, 8:20am-10:00am
2006 **Session Chair**, ICWN06, Ad-Hoc Networks + Routing + Mobile Communication (Session 3), Las Vegas, NV, June 27, 2006, 11:40am-2:40pm.
2006 **Session Chair**, FECS06, Tools, Techniques and Evaluation (Session 6), Las Vegas, NV, June 28, 2006, 1:00pm-2:40pm
2006 **Session Chair**, FECS06, Tools, Techniques and Evaluation (Session 7), Las Vegas, NV, June 28, 2006, 3:20pm-5:00pm
2006 **Session Chair**, ICWN06, Ad-Hoc Networks + Routing + Mobile Communication (Session 6), Las Vegas, NV, June 28, 2006, 11:20am-12:20pm.
2006 **Reviewer**, The 2006 International Conference on Wireless Networks, Las Vegas, Nevada
2006 **Reviewer**, The 2006 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS), Las Vegas, Nevada
2006 **Reviewer**, The 2006 International Conference on Communications in Computing, Las Vegas, Nevada
2006 **Reviewer**, The 2006 International Conference on Internet Computing, Las Vegas, Nevada
2006 **Reviewer**, 2006 Consortium of Computing Sciences in Colleges (CCSC) Rocky Mountain, Durango Colorado
2006 **Program Committee Member**, 2006 45th Association of Computing Machinery (ACM) Southeastern Regional Conference (Melbourne, Florida)
2006 **Program Committee Member**, The 2006 International Conference on Frontiers in Education: Computer Science & Computer Engineering (FECS), Las Vegas, Nevada
2006 **Program Committee Member**, The 2006 International Conference on Wireless Networks
2006 **Program Committee Member**, The 2006 International Conference on Communications in Computing
2006 **Program Committee Member**, The 2006 International Conference on Internet Computing

2005 **Session Chair**, CIC05, Network Simulation and Performance Analysis: Practice and Theory Session, Las Vegas, NV, June 29, 2005, 3:20pm-6pm
2005 **Session Chair**, ICOMP05, Network Performance, Protocols, Optimizations and QoS Session, Las Vegas, NV, June 28, 2005, 11:20am-2:40pm
2005 **Session Chair**, ICWN05, Mobile and Wireless Ad Hoc Networking Session, Las Vegas, NV, June 27, 2005, 1pm-3pm.
2005 **Associate Editor**, The 2005 Proceedings of the International Conference on Communications in Computing
2005 **Reviewer**, The 2005 International Conference on Wireless Networks, Las Vegas, Nevada
2005 **Associate Editor**, The 2005 Proceedings of the International Conference on Internet Computing
2005 **Reviewer**, The 2005 International Conference on Communications in Computing, Las Vegas, Nevada
2005 **Associate Editor**, The 2005 Proceedings of the International Conference on Wireless Networks
2005 **Reviewer**, The 2005 International Conference on Internet Computing, Las Vegas, Nevada
2005 **Reviewer**, 2005 Consortium of Computing Sciences in Colleges (CCSC) Southeast Conference, Hickory, North Carolina
2005 **Reviewer**, 2005 Consortium of Computing Sciences in Colleges (CCSC) Midwest Conference, Decatur, Illinois
2005 **Editor-in-Chief and Proceedings Chair**, Association of Computing Machinery (ACM) Southeastern Regional Conference, Kennesaw, Georgia, March 18-20, 2005
2005 **Reviewer**, 2005 43rd Association of Computing Machinery (ACM) Southeastern Regional Conference Proceedings
2005 **Program Committee Member**, 2006 44th Association of Computing Machinery (ACM) Southeastern Regional Conference (Melbourne, Florida)
2005 **Program Committee Member**, The 2005 International Conference on Wireless Networks
2005 **Program Committee Member**, The 2005 International Conference on Communications in Computing
2005 **Program Committee Member**, The 2005 International Conference on Internet Computing
2004 **Session Chair**, Network Systems, Management and Application Session, CITSA Conference, Orlando, Florida, July 23, 2004, 9:30am-12:00pm
2004 **Session Chair**, Network Protocols & QoS + Architecture Systems Session, 2004 International Multi-Conference in Computer Science and Computer Engineering, Las Vegas, NV, June 24, 2004, 8:20am-10am
2004 **Session Chair**, Architecture & Systems + Modeling Session, 2004 International Conference in Communications in Computing (CIC04), Las Vegas, Nevada, June 24, 2004, 3pm-3:40pm
2004 **Member**, Program and Organizing Committee, 2004 International Conference on Parallel and Distributed Processing Techniques and Applications, Las Vegas, Nevada, June 21-24, 2004.
2004 **Reviewer**, 5th International Conference on Communications in Computing, Las Vegas, NV, June 21-24, 2004.
1996 **Advisor**, National Science Foundation (NSF), Washington, DC, August 1996 (1 day)
1996 **Research Proposal Reviewer**, National Science Foundation (NSF), Washington, DC, March 1996 (3 days)
1995 **Research Proposal Reviewer**, National Science Foundation (NSF), Washington, DC, Sept. 1995 (3 days)