

## Research & Publications

The following is a sample of Mr. Singh's Publications

### Book

1. Bastick, Z., & Singh, L. (2005). *Modelling Integrated Socio-Technical Feedback Systems: E-Democracy and Other Applications*. Department of Computer Science, University of Guyana, ISBN 978-976-624-028-8

### Book Chapters

1. Singh, L., Thomas, T.D., Gaffar, K., & Renville, D. (2016). Mobile Learning in the Developing World: Perceptions Using the UTAUT Model. In *Handbook of Research on Mobile Devices and Applications in Higher Education Settings*. Eds Briz-Ponce, L., Juanes-Mendez, J.A., & Garcia-Penalvo, F.J.
2. Singh, L., & Gaffar, K. (2013). On the Formal Use of Facebook in Education in Deutsch, N. (Ed.) (2013). *Connecting online for instruction and learning: International perspectives*. Charleston: Createspace. pp. 125-152
3. Singh, L. (2011). Structured vs Unstructured Use of Facebook in the Classrooms at the University of Guyana. In J. Mair (Eds.), *Face the Future: Guyana and the New Media Revolution*, (pp. 55-64). Arima Publishers.

### Journal Articles

1. Bozkurt, A., Koutropoulos, A, Singh, L., & Honeychurch, S. (2020). On lurking: Multiple perspectives on lurking within an educational community. *The Internet and Higher Education*, (44).
2. Koutropoulos, A., Honeychurch, S., & Singh, L. (2019). Rethinking Lurking. *eLearn Magazine*, 2019 (5). Doi: 10.1145/3329488.3331169 Retrieved from <https://elearnmag.acm.org/archive.cfm?aid=3331169>
3. Bozkurt, A, Koseoglu, S., & Singh, L. (2019). An analysis of peer reviewed publications on openness in education in half a century: Trends and patterns in the open hemisphere. *Australasian Journal of Educational Technology*, 2019, 35(4). [Best paper]

4. Hogue, R. J., Keefer, J. M., Bali, M., Hamon, K., Koutropoulos, A., Leunissen, R., & Singh, L. (2018). Pioneering Alternative Forms of Collaboration. *Current Issues in Emerging eLearning*, 4(1), 8.
5. Honeychurch, S., Bozkurt, A., Singh, L., & Koutropoulos, A. (2017). Learners on the Periphery: Lurkers as Invisible Learners. *European Journal of Open, Distance and E-Learning (EURODL)*. 20(1), 191-211.
6. Bali, M., Honeychurch, S., Hamon, K., Hogue, R.J., Koutropoulos, A., Johnson, S., Leunissen, R., & Singh, L. (2016) "What is it Like to Learn and Participate in Rhizomatic MOOCs? A Collaborative Autoethnography of #RHIZO14," *Current Issues in Emerging eLearning*: (3) 1, Article 4.
7. Singh, L. (2015). Reflections on the Peer to Peer University (P2PU) 'Intro to Openness Course', *Learning and Teaching in Action*, 11(1), pp. 102-107. Manchester Metropolitan University (Online). Available at <http://www.celt.mmu.ac.uk/ltia/Vol11Iss1>
8. Singh, L. (2015). Peerwise: Flexible Learning and the Contributing Student Pedagogy. *Journal of Innovation in Psychology, Education and Didactics*, 19(1), 67-90
9. Dundas, D., & Singh, L. (2014). A Model for Introducing FOSS in Education in Guyana. *Journal of Innovation in Psychology, Education and Didactics*, 18(2), 101-112
10. Thomas, T.D., Singh, L., Gaffar, K., Thakur, D., Jackman, G.A., Thomas, M., Gajraj, R., Allen, C., Tooma, K. (2014). Measurement invariance of the UTAUT constructs in the Caribbean. *International Journal of Education and Development using Information and Communication Technology (IJEDICT)*, 10(4), 102-127.
11. Singh, L. (2014). Technology Enhanced Peer Learning with PeerWise: Students Experiences and Perception from a Developing Country. *Caribbean Teaching Scholar*, 4(1), 5-22.
12. Thomas, T., Singh, L., & Gaffar, K. (2013). The utility of the UTAUT model in explaining mobile learning adoption in higher education in Guyana. *International Journal of Education and Development using Information and Communication Technology (IJEDICT)*. 9(3), 71-85
13. Singh, L. (2013). Guided Assessment or Open Discourse: A Comparative Analysis of Students' Interactions on Facebook Groups. *Turkish Online Journal of Distance Education*, 14(1), 35-43.

14. Gaffar, K., & Singh, L. (2012). Supporting Computer Science Education Using Web 2.0 and Social Software: Students and Lecturers' Usage and Perception. *Journal of Arts Science and Technology*, 5(1), 65-91.
15. Singh, L., Gaffar, K. (2011). Using Social Software to Support Computer Science Education: A Case of Using Facebook Groups. *e-Journal of the Caribbean Academy of Sciences*, 5(1).
16. Gaffar, K., Singh, L., Thomas, T. (2011). Are We Ready for Web 2.0? Evidence from a Caribbean University. *Caribbean Teaching Scholar*, 1(2), 129-146.
17. Singh, L. (2011). Accuracy of Web Survey Data: The State of Research on Factual Questions in Surveys. *Information Management and Business Review*, 3(2), 48-56.
18. Singh, C., Singh, L. (2011). Investigating the Combination of Text and Graphical Passwords for a more secure and usable experience. *International Journal of Network Security and Its Applications (IJNSA)*, 3(2), 78-95.
19. Gajraj, R.R., Singh, L., Williams, M. (2010). A COMPUTER-BASED PROGRAMMING PEDAGOGY: stepwise instructed implementation of explained example code. *E-Journal of the Caribbean Academy of Sciences*, 4(1).
20. Singh, L. (2009). On the Usability of Social Software Systems: A Preliminary Study Using Elgg. *Georgian Electronic Scientific Journal: Education Science and Psychology*. 15(2), 63-81.
21. Singh, L. (2009). Where are we? A review of Effort and Cost Estimation Techniques used for Web Applications. *Georgian Electronic Scientific Journal: Computer Science and Telecommunications*, 20(3), 102-115.
22. Bastick, Z., & Singh, L. (2007). The Socio-Technical Indicator Model: Socially-Sensitive CMC Technology, with an Implementation of Representative Moderation. *International Journal of Computer, Information, and Systems Science, and Engineering*, 1(1), 48-58.

## **Conference Papers**

1. Sentence, S., Singh, L., & DeFreitas, P. (2020). Challenges Facing Computing Teachers in Guyana. Paper accepted for presentation at SIGCSE '20, March 11–14, 2020, Portland, OR, USA

2. Singh, L. (2019). Using Social Network Analysis to Support Autoethnographic Research. Paper presented at CoETaL Inaugural Conference, October 3-4, 2019, Georgetown, Guyana. Abstract Published in Book of Abstracts.
3. Singh, L. (2019). Twitter for Professional Development: An Autoethnographic Account. Paper presented at CoETaL Inaugural Conference, October 3-4, 2019, Georgetown, Guyana. Abstract Published in Book of Abstracts.
4. Singh, L., & Thomas, T.D. (2019). Mobile User Typology and its Effect on Mobile Learning Adoption in Higher Education. Paper presented at CoETaL Inaugural Conference, October 3-4, 2019, Georgetown, Guyana. Abstract Published in Book of Abstracts.
5. Thomas, T.D., Singh, L., & Renville, D. (2019). The Utility of the UTAUT: An Application to Mobile Learning Adoption in the Caribbean. Paper presented at CoETaL Inaugural Conference, October 3-4, 2019, Georgetown, Guyana. Abstract Published in Book of Abstracts.
6. Elliot, K., Sarran, D., Singh, L., Thomas, T. (2019). An investigation of an authentication mechanism using keystroke dynamics. Paper presented at 2<sup>nd</sup> World Congress on Undergraduate Research Conference, May 23-25, 2019, Oldenburg, Germany
7. Rose, P., Thomas, T.D., & Singh, L. (2019). Implementing an Undergraduate Research Offices: Insights from Undergraduates. Paper presented at 2<sup>nd</sup> World Congress on Undergraduate Research Conference, May 23-25, 2019, Oldenburg, Germany.
8. Singh, L., Honeychurch, S., Bozkurt, A., & Koutropolous, A. (2019). A Taxonomy of Personas. Paper presented at #SoMedHe18 Conference, January 09, 2019, Nottingham Trent University, United Kingdom.
9. Singh, L. (2018). Model to Support the Development of Undergraduate Research in Computer Science. The Caribbean Academy of Sciences - 21st General Meeting and Conference (CAS-2018), 27th – 30th November 2018, p. 338-339
10. Sarran, D., & Singh, L. (2018). VisC - A Visualisation Tool for Learning Fundamental Programming Concepts. The Caribbean Academy of Sciences - 21st General Meeting and Conference (CAS-2018), 27th – 30th November 2018, p.331-332
11. Marks, J., & Singh, L. (2018). Promoting Computer Science Education in a Developing Country: Experiences from ‘Code Camp Guyana’. The Caribbean Academy of Sciences - 21st General Meeting and Conference (CAS-2018), 27th – 30th November 2018, p.334-335

12. Rose, P., Thomas, T.D., & Singh, L. (2018). Advancing Undergraduate Research in the Disciplines: Insight and Ideas from the University of Guyana. The Caribbean Academy of Sciences - 21st General Meeting and Conference (CAS-2018), 27th – 30th November 2018, p.342
13. Honeychurch, S., Bozkurt, A., Singh, L., & Koutropoulos, A. (2016). Understanding lurkers in online learning communities. Paper presented in 2016 Social Media for Learning in Higher Education Conference (#SocMedHE16), 16th December 2016, Sheffield Hallam University, United Kingdom. <https://goo.gl/CeJ9qA>
14. Mohamed, S., Singh, L., & Singh, C. (2015). Investigating the Use of Video as Authentication Mechanism. Paper presented at the McNair Undergraduate STEM Research Conference. October 14-16, 2015. Florida International University (FIU), Miami, Florida, USA.
15. Keefer, J.M., Hogue, R., Bali, M., Hamon, K., Koutropoulos, A., Leunissen, R., & Singh, L. (2015). Pioneering Alternate Forms of Collaboration: Technologies That Support and Sideline #Rhizomatic Learning. Digital Learning Research Network (DLRN) Conference Making Sense of Higher Education: Network and Change. October 16-17, 2015, Stanford University, California, USA.
16. Honeychurch, S., Shaw, A., Singh, L., Hogue, R., & Bali, M. (2015). A herd of freely associating, autonomous cats: how a Facebook group helped turn a bunch of cMOOC participants into a learning community. ALT Annual Conference 2015: Shaping the Future of Learning Together, September 8-10, Manchester, England.
17. Hogue, R., Keefer, J.M, Singh, L., Hamon, K., Koutropoulos, A., Bali, M., Honeychurch, S., & Leunissen, R. (2015). Emerging Technologies that Drive Online Collaboration. #SMSociety15: Social Media and Society. July 27-29, Toronto, Canada.
18. Hogue, R., Bali, M., Singh, L., Koutropoulos, A., Honeychurch, S., Ensor, S., Elliott, T., Hamon, K., Vaile, V., & Sinfield, S. (2015). #Rhizo14 Collaborative Autoethnography: Challenges and Joys of Unwriting the Untext. ET4Online: Open and Collaborative Education.
19. Dundas, D., & Singh, L. (2012). The Status and Potential of Free and Open Source Software (FOSS) in Guyana. Paper presented at the Caribbean Academy of Sciences Annual Conference, Bridgetown, Barbados, November 2-4, 201, 6(2), pp.2 (abstract only)

20. Thomas, T., Singh, L., & Gaffar, K. (2012). Mobile Learning Adoption in Higher Education in Guyana. Paper presented at the Caribbean Academy of Sciences Annual Conference, Bridgetown, Barbados, November 2-4, 2012, 6(2), pp.2-3
21. Singh, L. Gaffar, K. & Thomas, T. D. (2012). Mobile Learning: Lecturers versus Students on Usage and Perception using the UTAUT. Presented at the 2nd International Scientific Conference, University of Technology (Jamaica), June 2012.
22. Gajraj, R., Bernard, M., Williams, M., & Singh, L (2011). Transforming Source Code Examples into Programming Tutorials - Stepwise Instructed Implementation of Annotated Example Code. Presented at The Sixth International Multi-Conference on Computing in the Global Information Technology ICCGI 2011, June 19-24, 2011 – Luxembourg, IARIA, pp. 160-164
23. Singh, L., & Williams, M. (2010). Cybersecurity: The Role of Information Sharing Amongst National Shareholders. Paper presented at First National Conference on Cyber Security, Regency Suite, Georgetown, Guyana, October 20-21, 2010.
24. Gajraj, R.R., Singh, L., & Williams, M. (2010). A COMPUTER-BASED PROGRAMMING PEDAGOGY: stepwise instructed implementation of explained example code. Paper presented at the TWAS ROLAC Caribbean Young Scientist and Technologist Workshop and Conference, Ocho Rios, Jamaica, January 20-22, 2010. Published in Caribbean Academy of Sciences (CAS) Conference Proceedings.
25. Gardler, H.M., Gardler, R. & Singh, L. (2003). The Use of Open Source Information and Communications Technology (ICT) in Education. Paper presented at the FlosCaribbean Conference on Free and Open Source Software, Port of Spain, Trinidad, June 23, 2003. Published in Conference Proceedings.

## Contact

Email: [lenandlar@gmail.com](mailto:lenandlar@gmail.com)

Twitter - @lenandlar