CSC 450**, Senior Research**

**Selecting References**

A research article not only describes the research being carried out by the authors, but also puts the research in the context of related work, as it relates to background, significance, the methodology, similar studies, and supportive or contradictory findings.

Assignment: for each listed reference, explain (1) the context in which the reference was cited in the article, and (2) the reason *why* the reference is cited.

1. **A Cellular Automaton Model of Traffic Flow** - <https://gdancik.github.io/CSC-450/data/hw/Finner_and_Beauregard.pdf>
   1. **[**2] Bellomo, N., Delitala, M., and Coscia, V. (2002) On the mathematical theory of vehicular traffic flow in fluid dynamic and kinetic modelling, *Mathematical Models and Methods in Applied Sciences 12*, 1801–1843. (*Cited in the Introduction*)
   2. [3] Biham, O., Middleton, A. A., and Levine, D. (1992) Self-organization and a dynamical transition in traffic flow models, *Phys Rev A 46*, R6124–R6127. (*Cited at the bottom of pg 39*)
   3. [5] Brockfeld, E., Barlovic, R., Schadschneider, A., and Schreckenberg, M. (2001) Optimizing traffic lights in a cellular automaton model for city traffic, *Phys Rev E Stat Nonlin Soft Matter Phys 64*, 056132. (*Cited at the top of pg 43*)
2. **Experimental evidence of massive-scale emotional contagion through social networks** - <https://gdancik.github.io/CSC-450/data/hw/FB.pdf>
   1. [3] Fowler JH, Christakis NA (2008) Dynamic spread of happiness in a large social network: Longitudinal analysis over 20 years in the Framingham Heart Study. BMJ 337:a2338. (*Cited twice in the first 2 paragraphs*)
   2. [9] Pennebaker JW, Chung CK, Ireland M, Gonzales A, Booth RJ (2007) The development and psychological properties of LIWC2007. Available at http://liwc.net/howliwcworks. php. Accessed May 10, 2014. (*Cited on pg 8789*)
   3. [10] Golder SA, Macy MW (2011) Diurnal and seasonal mood vary with work, sleep, and daylength across diverse cultures. Science 333(6051):1878–1881. (*Cited in the last paragraph*)
   4. [8] Kramer ADI (2012) The spread of emotion via Facebook. Proc CHI (Association for Computing Machinery, New York), pp 767–770. (*Cited on the right hand side of the first page of the article*)
   5. [15]. Bond RM, et al. (2012) A 61-million-person experiment in social influence and political mobilization. Nature 489(7415):295–298. (*Cited in the last paragraph*)
3. **Measuring User Confidence in Smartphone Security and Privacy -** <https://people.eecs.berkeley.edu/~daw/papers/confidence-soups12.pdf>

Note: this article describes a survey designed to characterize the perception of issues around smartphone security, specifically with regard to carrying out certain activities and installation habits. This is a very- well written article that follows the format we will use in class. The discussion includes limitations, summarizes findings, and recommendations based on the survey results.

* 1. [5]  Pew: Smartphones overtake feature phones among adults in the U.S. http://www.bgr.com/2012/03/02/pew- smartphones-overtake-feature-phones- among-adults-in-the-u-s/. (*Cited on the first page of the article*)
  2. [23]  A. Felt, M. Finifter, E. Chin, S. Hanna, and D. Wagner. A survey of mobile malware in the wild. In *Proc. of the 1st ACM Workshop on Security and Privacy in Smartphones and Mobile Devices (SPSM)*, 2011. (*Cited on pg 2*)
  3. [39]  R. Wash. Folk models of home computer security. In *Proc. of the Symposium on Usable Privacy and Security (SOUPS)*, 2010. (*Cited in section 2.2*)
  4. [16]  R. Boehme and S. Kopsell. Trained to accept?: A field experiment on consent dialogs. In *Proc. of ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2010. (*Cited right before section 5.3*)
  5. [37]  I. Traore and A. Ahmed. Continuous authentication using biometrics: Data, models, and metrics. http://my.safaribooksonline.com/book/- /9781613501290. (*Cited right before section 7.4*)