

## **IST 511 Exercise 4**

### **Most Cited**

(5pts) The most cited documents and scholars are often considered important indicators of scientific and scholarly impact. For this exercise, you are to find the following:

1. Find the 5 most cited venues (journals, conferences, books, etc) in Google Scholar and compare them to their citations in Microsoft Academic and the ISI Web of Science.
2. Find the 5 most cited authors in Google Scholar and compare them to their citations in the ISI Web of Science. Give their h-index
3. Do 1). for venues Penn State faculty; what is the overlap with 1).
4. Do 2). for Penn State faculty; what is the overlap with 2).

Write a brief paper on how you did this such as what tools were used, how were the 5 most cited found, what type of venue was cited, and conclusions drawn as to the differences. You may find the Penn State access to some of these databases useful.

The paper format should be ACM.

References:

<http://scholar.google.com>  
<http://academic.research.microsoft.com>  
<http://www.libraries.psu.edu/psul/databases.html>  
[http://en.wikipedia.org/wiki/Web\\_of\\_Science](http://en.wikipedia.org/wiki/Web_of_Science)  
<http://www.harzing.com/pop.htm>