**Graph Theory Addendum:**

1. <http://neo4j.com/graphacademy/online-course-getting-started/> : Neo4j is the leader in Graph Database technology. They have a free online tutorial (requires registration with email address). Neo4j uses a SQL like language called ‘Cypher’.
2. <http://wwwnc.cdc.gov/eid/article/12/11/06-0255_article> Flu - pandemic recorded in a ‘small town’ in the US. Here they try to estimate the Reproductive number of the disease, which is the average new infections per infected people. You can imagine that it’s a huge deal if the reproductive number is above 1 or less than 1.
3. Reproductive number and deadliness of various diseases: <http://www.informationisbeautiful.net/visualizations/the-microbescope/>
4. [Patterns of Chlamydia and Gonorrhea Infection in Sexual Networks in Manitoba, Canada](http://pdfs.journals.lww.com/stdjournal/2001/01000/Patterns_of_Chlamydia_and_Gonorrhea_Infection_in.5.pdf?token=method|ExpireAbsolute;source|Journals;ttl|1438554481196;payload|mY8D3u1TCCsNvP5E421JYK6N6XICDamxByyYpaNzk7FKjTaa1Yz22MivkHZqjGP4kdS2v0J76WGAnHACH69s21Csk0OpQi3YbjEMdSoz2UhVybFqQxA7lKwSUlA502zQZr96TQRwhVlocEp/sJ586aVbcBFlltKNKo+tbuMfL73hiPqJliudqs17cHeLcLbV/CqjlP3IO0jGHlHQtJWcICDdAyGJMnpi6RlbEJaRheGeh5z5uvqz3FLHgPKVXJzd55NwvgNDyHIJ2wZu+16mr0HcSF4tELYTDNCIpMWdlRU=;hash|Mi6h/vWL846G8GISmxRGiA==) : Here a break out in Manitoba was documented and the sexual interaction network displayed.
5. <https://www.amazon.com/Statistical-Analysis-Network-Data-Use/dp/1493909827> This is a book that goes through graph algorithms in R using the igraph library.