Additional Resources

Digital Data Flows Class 3: De-Identification,
Differential Privacy and Homomorphic Encryption

De-Identification
- *Opinion 05/2014 on Anonymisation Techniques*, ARTICLE 29 WORKING PARTY (April 10, 2014)
- *Anonymization and Risk,* Ira S. Rubinstein and Woodrow Hartzog, NEW YORK UNIVERSITY PUBLIC LAW AND LEGAL THEORY WORKING PAPERS, Paper 530 (2015)
- *De-Identification of Personal Information* **(NISTIR 8053)**, Simon Garfinkel, NIST (October 2015)
- *Shades of Gray: Seeing the Full Spectrum of Practical Data De-identification*, Jules Polonetsky et al., 56 SANTA CLARA L. REV. 593 (June 2016)
- *The Brussels Privacy Symposium*, FUTURE OF PRIVACY FORUM (November 2016) (Final Papers and Presentations from an all-day workshop, *Identifiability: Policy and Practical Solutions for Anonymization and Pseudonymization*)
  - Papers and Presentations *available at* https://fpf.org/brussels-privacy-symposium

Differential Privacy
- *Differential Privacy*, Cynthia Dwork, MICROSOFT RESEARCH, 33RD INTERNATIONAL COLLOQUIUM ON AUTOMATA, LANGUAGES AND PROGRAMMING, PART II (2006)
- *Privacy by the Numbers: A New Approach to Safeguarding Data*, Erica Klarreich, SCIENTIFIC AMERICAN (December 31, 2012)
- *Differential Privacy for Everyone*, MICROSOFT (2012)
- *Differential Privacy: A Primer for a Non-technical Audience*, Kobbi Nissim et al, HARVARD UNIVERSITY (February 2018)

Homomorphic Encryption
- *A Fully Homomorphic Encryption Scheme*, Craig Gentry, PhD Thesis, STANFORD UNIVERSITY (September 2009), *available at* https://crypto.stanford.edu/craig/.
- *Innovations in Federal Statistics: Combining Data Sources While Protecting Privacy*, NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE (2017)
- *Federal Statistics, Multiple Data Sources, and Privacy Protection: Next Steps*, THE NATIONAL ACADEMIES PRESS, Washington, DC (2017)