CS-480—Senior Seminar
Study questions for *Biometrics*
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Primary Papers

Van der Ploeg, Irma "Written on the Body: Biometrics and Identity." *Computers and Society*, Vol. 29, No. 1, pp. 37–44, Mar., 1999.

Brey, Philip "Ethical Aspects of Facial Recognition Systems in Public Places." *Proceedings of the Fourth Conference on Computer Ethis-Philosophical Enquiry*, , pp. 14–25, 2001.

Questions for both papers.

1. What kinds of biometrics are there? What are their potential uses?
2. For each kind and use of biometrics, what risks/benefits do they pose?
3. Does security reduce privacy and visa versa? Can we have security and privacy at the same time?
4. What are the differences between verification (a passive biometric system) and identification (an active biometric system)? What are some acceptable applications of each?
5. The idea of function creep was introduced in one of the articles. What are some dangers of function creep? What are some advantages? How might the function of a public monitoring system affect the publics privacy and how might these effects be reduced?
6. As biometrics grows, a centralized database of identity information will most likely be required. If such a system is built, who should be in charge of handling that much private data?
7. How much identifying information should be kept in one of these databases? Just a name, whats on your drivers license, or should there be more?

8. What are some possible privileges that could be provided for being included in a centralized database of identifying information? Possible disadvantages it may cause people?