

3.093 Literature Review I Assignment
Due September 19

Literature Survey:
Cutting Edge Materials Research

Find at least five (no more than 10) sources on one of the following topics:

- Use of DNA in solving crime
- Medical uses of ceramics
- Materials for information storage
- Metals for construction (e.g. bridges, tunnels)
- Alternative fuels
- Another Topic (Must be approved by Prof. Sadoway or Angie Locknar)

Keep a Research Log that describes your search process (sample research log provided in class and in assignment section). Write a summary of each source you have selected, along with a complete citation.

Email your assignment to Angie Locknar before class begins on Tuesday Sept. 19.

Sample citation and summary:

Dvash, T.; Ben-Yosef, D.; Eiges, R. Human Embryonic Stem Cells as a Powerful Tool for Studying Human Embryogenesis. *Pediatric Res*, 2006, 60, 111-117.

This is an article that describes how human embryonic stem cells are derived and characterized. The authors explain how stem cells are used for studying human development and why they are so vital in research. The article is written in an explanatory manner and gives the reader a solid background for further research on this issue. Several articles cited by this author may also be useful to read.