

## Six Degrees of Separation

### Library Skills Assignment

This assignment aims to improve your skills at searching for literature in the library on research projects. It's designed as an electronic scavenger hunt.

You should be trying this in either Google Scholar or Web of Science found at:  
<http://www.lib.ua.edu/databases/>

Start with the following article:

Title: [A multiscale model of plasticity](#)

Author(s): Zbib HM; de la Rubia TD

Source: INTERNATIONAL JOURNAL OF PLASTICITY Volume: 18 Issue: 9 Pages:  
1133-1163 Article Number: PII S0749-6419(01)00044-4 DOI: 10.1016/S0749-  
6419(01)00044-4 Published: 2002

Now, using up to 6 steps, go backwards and find a reference of a reference of a reference (etc.) of this paper. Your points will be  $\text{Total} = \text{Step number} * \text{years in the step}$ .

Then, going forward, find a paper that cites a paper that cites a paper (etc.) that cites this paper. Again, you can use up to 6 steps. Your points will be  $\text{Total} = \text{Step number} * \text{years in step}$ . If you get within one year of today, then the points for that step is  $\text{step number} * (12 - \text{months ago})$ .

Type your sequence of papers (with authors, titles, journal, years, and pages) for both forward and backwards searching, and provide your scoring at the top of the document.