xDD Website Search and Upgrade Plan

*Abe Megahed, September 23, 2020*

The goal of this project is to add a search capability / UI to the xDD website and to make it easier to upgrade this and other capabilities in the future.

# Phase 1 Basic Search:

* **Add Search / Results pages to web site.**  - 2 to 3 days  
  Initially this will allow the following capabilities:
  + Search articles by title.
  + Display results list including data for each item including
    - type, title, journal, link(s), publisher, author(s), page numbers, number of pages, year
  + Search articles by author.
  + Control number of result to return.
* **Add option to select database source**
  + Pending API support from Ian.

# Phase 2 Enhancements:

* **Convert static web site to Jekyll** - 1 to 2 days
  + This will reduce repetition in the source code and make the code base easier to maintain and expand as it becomes more substantial.
* **Convert Backbone/Marionette component code to React** - ?
  + The code base being developed by Daven and his colleagues use React, so this would make it easier to share code between projects.