Librarian Meeting Notes

* Printing with plastic is the first step towards printing repairs with metals (justification)
* Justifying the test bed designs
* Using search words other than ‘conformal’ to broaden results- non-planar
* Google scholar - “conformal” OR “nonplanar” to search related terms
* Used advanced searches in databases
* Look at citations within research papers, “cited by” or bibliography
* Databases: Materials Science & Engineering Collection
* Refine source types in search
* Web of Science (peer reviewed journal articles)
  + Can analyze search results
* ASME reports
* Search by date or type of publication
* Making a claim about a lack of research
  + Use the dates of the limited research available - usually very recent
  + New area of research is just starting to develop - (“only publications are available from 2010 on…”
  + Show that significant research has been done in literature review
  + Don’t spend too much time searching
  + Can skim through search results using specific searches
  + Think of new synonyms for “non-planar” and “conformal”
  + Follow certain authors conducting the research
* UMD Libraries
  + Databases
  + Search/Sort by topic
  + Engineering databases, materials databases
* Ask for feedback about Do Good showcase presentation
  + Use equity report in Do Good showcase
* Equity report
  + Consider medical applications
  + Could reduce hospital stays, improve medical procedures
  + Create jobs
  + Reducing cost of healthcare