Things to consider when planning an undergraduate summer research project
-ideas generated by iFellow mentors 2015, 2016, & 2017

1) timing (fitting project into summer time frame), something achievable by mid-July
2) ask the mentee how the project fits into their own school progression and
   professional aspirations and how it can fit into their senior thesis/project
3) project should be built on the mentee’s prior experience and knowledge, but
   incorporate new learning challenges
4) outline tasks that need to be completed through the summer to reach the goals-
   from hypothesis to research expectations, to literature review, to data collection,
   analysis, and presentation
5) encouraging understanding of the science of the project, frequent
   communication, reminders about the big picture of the research and connections
   to other iUTAH projects
6) work with mentee to plan project, based on their own interests
7) sharing and helping aid in acquisition of research skills, e.g. lab notebook,
   literature searches, science communication
8) variety of tasks- give them options and encourage them to write throughout the
   summer
9) When possible, allow the mentee to choose a project from a short list of options
   that are available- provide opportunities for them to direct and take ownership of
   their summer project
10) additional resources:
   a) this is a terrific article on mentoring-
      http://www.nature.com/nature/journal/v447/n7146/full/447791a.html
   b) numerous mentoring-related resources, including “Entering Mentoring”
      which is what i worked with at UW-Madison and is the basis for this
      summer’s syllabus http://guides.uflib.ufl.edu/stemrcr/mentoring
      i) you can also use the following website to access materials from
         Entering Mentoring and adapt sessions to the specific needs of
         your discipline http://www.researchmentortraining.org/index.aspx