Chapter 4: Future Directions

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Ideas:

* Improving the design algorithm
  + Look up ways other people are designing, likely from the computation chapter
  + Heterodimer design
    - Address the parts that need to be changed
    - How can I look at some of my older data to inspire this?
* Advancing forces research
  + Packing: Rerun design without any AAs that have rings or potential hbonding
    - Try different backbones: polyAla, polyVal, etc.
      * With the same interface, determine differences in packing impacting association by the small changes in each AA
  + Hbonding and ring: Rerun design with only hbonding and ring AAs
  + Sort-seq on any of these
  + Machine learning on the terms to better predict, adding terms, etc.
* Ideas for detecting protein concentration in high-throughput
  + I think there was a paper I read for chem bio seminar that was pretty relevant