**Competency 8:** Conduct a Functional Analysis; Test hypotheses

1. Read Thompson & Iwata (2007) and Hanley, Iwata, and McCord (2003) and write a summary of the conditions, how they can be manipulated, and the type of design used.
2. Discuss with supervisor and obtain feedback on your verbalization of the conditions and procedures of functional experimental analysis.
3. Know the motivating operations and reinforcement contingencies for typical control and test conditions of a functional analysis.
4. Conduct risk-assessment and discuss with supervisor methods to reduce risks (e.g., collecting data on precursor behaviors)
5. Propose, justify and obtain feedback on the method you choose to test your hypotheses.
6. Conduct the basic procedures, record and graph data.
7. Video-tape the sessions.
8. Obtain feedback from supervisor.
9. Interpret results of the functional analysis.

Some relevant sources:

* Cooper, Heron, & Heward (2007), Chapter 24
* Repp, A.C. & Horner, R. H. (1998) Functional Analysis of Problem Behavior.
* See 1994 special issue of JABA
* Thompson, R.H. & Iwata, B.A. (2007). A Comparison of outcomes from descriptive and functional analyses of problem behavior, JABA, 40 (2), 333-338.
* Hanley, G.P., Iwata, B.A., McCord, B. E. (2003). Functional analysis of problem behavior: A review, JABA, 36 (2), 147-185.

This topic is covered in PSY 553, PSY 555: Applications and Ethics in ABA and PSY 557: Behavior Change Procedures and Systems Support