Overview

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What to do before the chalk talk

1. You will be a professor soon—start acting like one—need to change the way you think!
2. Ask about the format of the chalk talk.
3. Who will be in the audience? Search Commvs Dept.
4. Need to think about “selling” your program—why should anyone care (i.e., the NIH, your family)?
5. Think about your research program in the context of a grant—how would it format as a grant? Never too early to start an outline and share it with a colleague.
6. Think through the nitty gritty of starting your lab—everything from the equipment you’ll buy, to the people you’ll hire (tech, grads, undergrads, etc)
Your Research Program Today

• Quick overview – not everyone made the job talk
  – What are the big picture questions /hypotheses?
  – What is your approach?
• What will you do research-wise?
  – Present this in a format of a grant (Aims)
  – What Preliminary Data do you have?
  – What Preliminary Data do you need?
  – Time frame to first R01
• Be focused here
  – want to show big promise, but not be all over the place
• What will your mentor be doing, RE: the research you present? Having a niche helps...
• Smaller scale question: what projects would your first 2 Ph.D. students do?
Grant strategy/funding agencies

1. When do you plan on applying for your first grant? Your second grant?

2. What agencies?
   – Besides NIH
   – NSF, DOE, USDA, private foundations, companies?
   – Know the expectations at your institution

3. Any plans to commercialize? Clinical trials?
Long-term plans

1. Other interesting projects?
2. Exploratory projects?
3. New directions?
4. Long term vision after you are established?
Possible collaborations/interactions

1. What might you do with the locals?
2. What expertise do you bring?
3. Can you exploit local core facilities, resources?
4. Can you help establish new capabilities?
Teaching

1. “I’d be happy to teach anything, but my core strengths are in....”
2. What relevant experience have you had?
3. Ask questions coming in? Are they looking to fill a need?
   Is there a new class you might offer?

Service

1. Any particular interests?
2. Understand that these will be kept to a minimum early on (or they should be!)