K Club, Week 12

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Today’s Topics

- Facilities and Other Resources
- Equipment
- Environment and Institutional Commitment to Candidate
- Resource Sharing Plan (if Applicable)
- Action Items
### K Application Sections

#### Research
- **Specific Aims** (1 page)
- **Research Strategy** (6 pages: Significance, Innovation, Approach)
- **Training in Responsible Conduct of Research** (1 page)
- **Project Summary / Abstract** (30 lines of text)
- **Project Narrative** (3 sentences)
- **Protection of Human Subjects from Research Risk**
- **Inclusion of Women and Minorities**
- **Inclusion of Individuals Across the Lifespan**
- **Inclusion Enrollment Report**
- **Budget + Budget Justification**
- **Bibliography + References Cited**

#### Career
- **Candidate Information and Goals for Career Development** (6 pages: Candidate Background, Career Goals/Objectives, Career Development/Training Plan)
- **Plans and Statements of Mentor and Co-Mentors** (6 pages)
- **NIH Biosketches** for you, Mentor, Co-Mentors (max 5 pages each)
- **Three Letters of Reference**
- **Letters of Support from Collaborators, Contributors and Consultants** (6 pages max)
- **Cover Letter**

#### Setting
- **Facilities and Other Resources**
- **Equipment**
- **Environment and Institutional Commitment to Candidate**
- **Resource Sharing Plan (if Applicable)**
Facilities and Other Resources (no page limit)

Are there enough organizational (University) resources available to you to perform the research you are proposing?
Facilities and Other Resources (no page limit)

- Identify what facilities you will use (Laboratory, Animal, Computer, Office, Clinical, and Other) and describe:
  - Their capacities (include square footage, address, and physical aspects)
  - Capabilities related to your proposed project (what do they enable you to do)
  - Relative proximity to each other
  - Extent of availability to your project
Facilities and Other Resources (no page limit)

▶ What is your University’s INVESTMENT in your success? Discuss:
  ▶ Resources for classes, travel, training
  ▶ Career enrichment programs, collegial support, organized peer groups, guidance in supervision of trainees
  ▶ Logistical support (administrative management/oversight, best practices training)
  ▶ Financial support (protected time for research with salary support)
Check with your Grants office/person to see if there is an established template of this document that you can edit to fit your project!
List major items of equipment already available for your project
Check if your University has a catalog of core facilities to help you find equipment
Identify the equipment’s location and capabilities relevant to your project

Equipment: The following is a list of key equipment already in place in the lab or in facilities that are shared and are essential to the success of the project.

**Important for the Microinjection:**

**Important for Cell Culture and Virus Infection Assays:**
Six-foot Labconco A2 Biosafety cabinet, Sorvall Legend Mach 1.6R centrifuge with bioseal, 2 Fisher isotemp CO2 incubators, inverted microscope, BTX ECM 630 electroporator, -80C, -20C, 4C refrigerators/freezers. Hemotek 5W1 membrane feeding system for the delivery of infectious bloodmeals.
Check with your Grants office/person to see if there is an established template of this document that you can edit to fit your project!
Environment and Institutional Commitment to Candidate

- Typically someone from your Institution writes this letter of support for you (ask your Primary Mentor/Grants Office who it will be, maybe the Dean, Chair of your Department, or a Provost?) but you likely will need to supply some text to that person to address the following:

  - To what extent does the institution provide a high quality environment appropriate for the candidate’s development during the K99 phase of the award?

  - To what extent are the research facilities and educational opportunities, including collaborating faculty, adequate and appropriate for the candidate’s research and career development goals during the K99 phase of the award?

  - Is adequate evidence provided that the K99 sponsoring institution is strongly committed to fostering the candidate’s development and preparation for transition to independence?

  - Is there adequate assurance that the required minimum of 9 person-months (75% of the candidate’s full-time professional effort) will be devoted directly to the research training, career development, and research activities proposed for the K99 phase of the award?
Environment and Institutional Commitment to Candidate

- Check with your Grants office/person to see if there is an established template of this document that you can edit to fit your project!
Resource Sharing Plan (if applicable)

- Check your FOA to make sure you need to include it
- Here you explain how you will share data and resources from your project
- Address the following (write ‘Not applicable’ for those not relevant):
  - Data Sharing Plan
    - Will you make raw and processed data reported in publications available to external groups? Under what conditions and why?
    - Will you make software documentation/code available for free? Under what conditions and why?
    - How will you disseminate results of this research (e.g. scientific conferences, university lectures, public talks, publication in journals)
  - Sharing Model Organisms
  - Genome-Wide Association Studies
Resource Sharing Plan

- Check with your Grants office/person to see if there is an established template of this document that you can edit to fit your project!
Action Items

- Write drafts of the following to share with your **Primary Mentor** and **Co-Mentors**:
  - Facilities and Other Resources
  - Equipment
  - Resource Sharing Plan (if applicable)

- Talk to your **Primary Mentor** about what info to provide to the person who will be writing your **Environment and Institutional Commitment to Candidate**
  - A lot of it should be from the **Facilities and Other Resources** and **Equipment** sections