### Suggested worksheet and outline for aims and research strategy.

#### Aims and Proposal Outline – K Application

<table>
<thead>
<tr>
<th>Your Name:</th>
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<tbody>
<tr>
<td>Your Academic Title:</td>
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<tr>
<td>Your Email Address:</td>
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<tr>
<td>Project Title:</td>
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<tr>
<td>Mentors with Academic Titles, and Email Address:</td>
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</tbody>
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#### Career Development

**What are your long-term career goals?**

1.  
2.  
3.  
Etc.

#### Training

**What kind of training do you envision needing to attain your long-term career goals?**

1.  
2.  
3.  
Etc.

#### Overall Research Question (or Goal)

**What is the overall research question you are trying to answer?**

#### Specific Aims with Corresponding Hypotheses*

**Specific Aim – what are you proposing to study? Hypothesis – what is your expected finding?**

<table>
<thead>
<tr>
<th>Aim 1.</th>
<th>Hypothesis 1.</th>
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<tbody>
<tr>
<td>Aim 2.</td>
<td>Hypothesis 2.</td>
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<tr>
<td>Aim 3.</td>
<td>Hypothesis 3.</td>
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<tr>
<td>Etc.</td>
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#### Significance

**Does the project address an important problem or a critical barrier to progress in the field? Is there a strong scientific premise for the project? If the aims are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? State in outline form.**

1.  
2.  
3.  
Etc.

#### Innovation

**Does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or**
interventions? Are the concepts, approaches or methodologies, instrumentation, or interventions novel? State in outline form
1.  
2.  
3.  
Etc.

**Approach**

How will you do it? What are the strategies, methods, and analyses you will use to accomplish your aims? How will your experiments prove or disprove your hypotheses?

**Study Design (brief statement of design)**

**Subjects**
- Eligibility (inclusion/exclusion) criteria
- Sampling design (how are you getting your subjects)

**Variables**
- Exposure variable(s) and Outcome(s)
- Covariates (adjustment variables)

**Potential problems, pitfalls, and alternative strategies with the study design**

**Duration of proposed study including recruitment, enrollment, and conduct of visits**

**Statistical plan** (For each aim, describe the statistical procedures and techniques you will apply to address your main hypotheses).

**Sample size justification** (Give a power/precision justification for the sample size you will use).

*Each of your hypotheses should clearly state the exposure variables and outcomes.*