**PROPOSAL TITLE**

**Student Name**

In partial fulfillment of the requirements for Ph.D. Candidacy at The Ohio State University

Candidacy Committee Members

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Advisor)

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**Cover page (*not included in page limit)***

**Aims page *(include your approved aims page as page 1, not included in page limit)***

**Background and Significance *(suggested length ~1 page)*:** Describe any relevant background and introductory material necessary to describe the general research area described in all three aims and it’s significance. (i.e. “Why is this research important? How does it significantly advance the field?”).

**Aim 1: Title (*suggested length: 3-4 pages*)**

 **Introduction *(suggested length ~0.5-1 page)*:** Describe any relevant introductory material necessary to describe the background and significance of this particular aim.

 **Approach and Hypothesis *(suggested length ~1 paragraph)*:** Describe the hypothesis (or hypotheses) you are proposing to test and the specific approach you are proposing.

 **Preliminary results that support feasibility of proposed approach *(suggested length ~1-2 pages):*** Describe the preliminary results that support the feasibility of your proposed approach. This should include your own work (if any), relevant results obtained by other members of your research lab, and relevant results reported in the literature by other research groups.

 **Proposed research *(suggested length ~1-2 pages)*:** Describe the specific studies you propose. Include details about materials and methods you plan to use, describing sample preparation, measurements, theory, computer simulations, data analysis, new methods development, etc. You may want to describe any potential pitfalls and how they will be addressed.

**Aim 2: Title (*suggested length: 3-4 pages*)**

 **Introduction *(suggested length ~0.5-1 page)*:** Describe any relevant introductory material necessary to describe the background and significance of this particular aim.

 **Approach and Hypothesis *(suggested length ~1 paragraph)*:** Describe the hypothesis (or hypotheses) you are proposing to test and the specific approach you are proposing.

 **Preliminary results that support feasibility of proposed approach *(suggested length ~1-2 pages):*** Describe the preliminary results that support the feasibility of your proposed approach. This should include your own work (if any), relevant results obtained by other members of your research lab, and relevant results reported in the literature by other research groups.

 **Proposed research *(suggested length ~1-2 pages)*:** Describe the specific studies you propose. Include details about materials and methods you plan to use, describing sample preparation, measurements, theory, computer simulations, data analysis, new methods development, etc. You may want to describe any potential pitfalls and how they will be addressed.

**Aim 3 (independent aim): (*suggested length: 2-3 pages*)**

 **Introduction *(suggested length ~0.5-1 page)*:** Describe any relevant introductory material necessary to describe the background and significance of this particular aim.

 **Approach and Hypothesis *(suggested length ~1 paragraph)*:** Describe the hypothesis (or hypotheses) you are proposing to test and the specific approach you are proposing.

 **Preliminary results that support feasibility of proposed approach *(suggested length ~1-2 pages):*** Describe the preliminary results that support the feasibility of your proposed approach. This should include your own work (if any), relevant results obtained by other members of your research lab, and relevant results reported in the literature by other research groups.

 **Proposed research *(suggested length ~1-2 pages)*:** Describe the specific studies you propose. Include details about materials and methods you plan to use, describing sample preparation, measurements, theory, computer simulations, data analysis, new methods development, etc. You may want to describe any potential pitfalls and how they will be addressed.

**References (*not included in page limit)***

ACS format (example below): Authors separated by semi-colons (last name, initials). Article Title. *Journal abbreviation* **Year**, *volume*, page range.

Doe, J. P.; Coauthor, I. M., Researcher, I. Nanoscale Bioinspired MOFs for Drug Delivery: The Most Keyword-Laden Article Title Ever. *J. Improb. Res.* **2020**, *12*, 12980-12999.