



COLUMBIA

VAGELOS COLLEGE OF
PHYSICIANS AND SURGEONS

Research Elective Summary

1. PROPOSAL TITLE (*Do not exceed 81 characters including spaces and punctuation. Choose a specifically appropriate, descriptive title.*)

2. STUDENT

2a. NAME (Last, first)

2b. EMAIL

5. FACULTY MENTOR

5a. NAME (Last, first)

5b. EMAIL (*Campus*)

3. HUMAN SUBJECTS RESEARCH

No Yes

3a. CUMC IRB protocol number

Latest approval date

Include IRB protocol number, if pending. At review, applications with IRB approval will receive priority over applications with pending IRB approval; however all applications must have approval by May 1.

5c. POSITION TITLE

4. VERTEBRATE ANIMALS

No Yes

4a. CUMC IACUC approval code

5d. DEPARTMENT

6. APPROVAL

By checking here, I (the mentee) indicate that my faculty supervisor, _____, has approved this proposal and has agreed to supervise my research.

7. ORCID ID (Please provide your ORCID ID to help us continue tracking your work. If you don't have an ORCID ID, please register here: <https://orcid.org/register>):

8. HYPOTHESIS (State the scientific hypothesis or hypotheses that your research proposal tested. If your research proposal was not hypothesis-driven, state clearly the reasons for performing the research proposal).

9. SPECIFIC AIMS OR GOALS (List the Specific Aim(s) and/or Research Goals addressed in your research proposal. State your Aims and/or Goals in testable and measurable terms).

10. SCIENTIFIC BACKGROUND (Summarize the background of and scientific rationale for your research proposal. Include what was already known about the research question being addressed. Include the potential significance and scientific impact of the research question you studied).

11. RESEARCH APPROACH (METHODS) Summarize the materials and the methods you used to test your hypotheses and accomplish the Specific Aims or Goals of the project. Describe the study design including controls if appropriate. List the parameters that were measured. Describe the analysis plan, including a power and sample size analysis (if appropriate) and the statistical analyses that were performed.

12. BIBLIOGRAPHY (authors, titles of article, journal, book, volume, pages, year; list citations numerically in the order in which they appear in the application).

13. TIME-LINE (Present a 1-month time-line identifying anticipated key points in the progress of your research).

14. STUDENT ROLE (Describe your specific role(s) in the research project).

15. EXPECTED DELIVERABLE (Describe the expected product of your work).

16. RESULTS (Describe the results of your research. Organize your results according to the Specific Aim(s) and/or Research Goals that you addressed in your research proposal. You may include Tables or Figures if desired).

17. DISCUSSION (Describe how the results of your research advanced what was known about the research area. Describe any future studies planned by you or your mentor, based on the results of your research)

18. CONCLUSION(S) (Summarize the conclusions you reached as a result of your research).

19. CONFERENCES (If your research resulted in an abstract submission, poster presentation or oral/podium presentation, provide the presentation title, authors, name and date of the meeting(s)).

20. PUBLICATIONS (If your research elective resulted in a published manuscript, please provide the citation).