**Title of Abstract** (should accurately describe the central research line of junior faculty applying for junior faculty innovator recognition; avoid vague general titles and abbreviations)

Faculty Name

Junior Faculty’s Affiliated Institution(s).

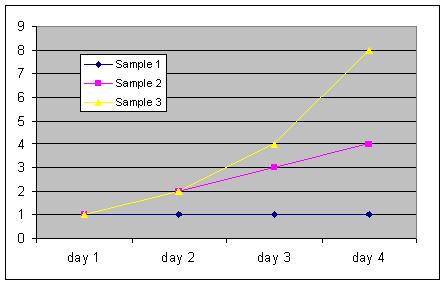
This application abstract should contain biographical and scientific information typically found in a biosketch or research statement but on a limited and condensed scale. This document should contain information for each of the sections described below. ***This document must be no more than 1 printed page conformed to the established margins.***

**Biographical Summary of Applicant:** This should be the first section of this document. This section should begin with a statement regarding the applicant’s current position as junior faculty or equivalent. This statement should confirm eligibility as an Assistant Professor, or equivalent at the current institution, who has not yet achieved the tenured status. Preference will be given to those on a tenure track or under similar consideration at the current institution. The remainder of this section should describe the research and educational training of the applicant. *Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.*

**Clinical Impact and Significance of Research Problem:** This section should characterize the central scientific question being investigated by the applicant and its clinical implications. Background information should be provided to the extent that it introduces the work by the applicant and others in the field that documents previous essential findings in the literature. This section should conclude with a statement of need regarding crucial findings or methods needed to advance the standard of care or stimulate significant advancements in the field. *Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.*

**Innovative Programmatic Approach of Applicant:** This section should clearly articulate the new and vital lines of research being developed by the applicant to provide important innovations to the field. This section should describe the novel approaches (e.g., methodologies, hardware technologies, algorithms, etc.) being developed by the applicant and their potential impact on addressing the abovementioned research problem. Clearly describe any multi-disciplinary collaborative networks leveraged in creating new frontiers of research. *Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.*

**Key Findings of Applicant to Date:** Results of significant positive and negative findings by the applicant should be presented as concisely as possible. These results should span the applicant’s time as a trainee (Ph.D. student, postdoctoral researcher) and a junior faculty member. One representative figure of critical results is recommended. *Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.*

**Figure 1**. Sample Only

**Future Goals:** This section should describe the applicant’s future goals in research and education. The description of these goals should be consistent with the applicant’s work to date and the opportunity to spotlight this work at this year’s NEBEC. In support of this year’s NEBEC initiative to promote greater diversity, equity, and inclusion (DEI) in Bioengineering, this section **must also describe** briefly how the applicant’s research and education goals can improve: 1) disparities in healthcare outcomes, 2) broadening participation of STEM-underrepresented students to be trained in that field. *Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.*

**References:** References to published literature. If it is necessary to cite references, insert the primary author’s name and initials followed by the abbreviated journal title, the year of publication, and the volume and page numbers in parentheses. For example:

1. Dodd LG. Am J Clin Pathol. 1990;93:141-144.
2. Wanti A. et al. Science. 2018;6(26):972-1018

**Acknowledgements:** Acknowledgements to funding sources or contributions of individuals not rising to the level of authorship. If it is necessary to include acknowledgements, insert the funding agency and grant number.