



Fischell Department of Bioengineering Undergraduate Honors Program Application Form

Student Name: _____

Student Phone Number: _____ Student Email: _____

GPA: _____ Credits completed/Expected Graduation Date: _____

Proposed Mentor: _____ Mentor Department: _____

Mentor Email: _____ Mentor Phone Number: _____

Are you participating or have you participated in other University of Maryland or Clark School of Engineering Honors Programs? If so, which one(s)?

Students please attach the following:

- (1) Printout of current transcript
- (2) Project description (maximum of 1 page describing project goals, relevance to bioengineering, and skills to be developed)
- (3) Personal statement (maximum of 1 page describing personal motivation to perform the proposed research, previous research experience, and research interests)

Please have mentors submit the following directly to the BIOE Undergrad Office:

- (1) Completed Faculty Mentor form

To the best of my knowledge, information contained within this application is accurate.

Student Signature: _____ Date: _____

Electronic submissions should be sent **as a single PDF file** to:

bioe-undergrad@umd.edu

Paper submissions should be delivered to

Undergraduate Honors Program
Fischell Department of Bioengineering
Room 3102, A. James Clark Hall,
University of Maryland, College Park, MD 20742-3415

For questions, please contact Dr. Kimberly Stroka at kstroka@umd.edu

***Applications will be accepted immediately, and must be received
no later than close of business April 30, 2020.***



BIOE Undergraduate Honors Program Faculty Mentor Form

Student Applicant Name: _____

You have been identified as a potential mentor on a BIOE Honors Research project. To ensure that we continue to maintain the highest standards for the program, please provide your candid assessment of the student applicant and read the Faculty Mentor Responsibilities below. Note that the student can continue to pursue research with you, even if s/he is not accepted into the BIOE Undergraduate Honors Program. **Submit this form only; there is no need to submit a separate letter.**

How long have you known the student applicant, and in what capacity?

On a scale of 1-5 (with 5 being the highest level), please rate the student in the following categories. If you are unable to rate a certain category, please leave blank.

Motivation and perseverance toward goals	
Ability to work independently	
Ability to communicate effectively	
Emotional maturity/stability	
Analytical ability	
Creative ability	
Your overall enthusiasm for this student	

Faculty Mentor Responsibilities:

- Actively guide the student’s progress toward completion of his/her Honors project and thesis. This includes but is not limited to:
 - providing resources necessary for the student to complete his/her Honors project.
 - setting expectations for a manageable timeline for completion
 - establishing guidelines for preparation of the thesis
 - providing feedback throughout the research process
- Submit a brief statement of progress of each Honors student at the end of their junior year, and advise in committee selection for the thesis defense.

(Continued on following page)

Please describe your mentoring plan for the student. Please address how often you will meet and in what capacity (individually, within group, etc.). How will you ensure quality research is carried out by the student? What are your benchmarks for success each semester?

Please describe how you will provide feedback to the student throughout the research process. It is suggested that you design a rubric for grading each semester (BIOE 399H) and that each category is elaborated on in formal written feedback to the student. A suggested rubric is the following: Lab notebook (10%), Attendance and participation at lab meetings (10%), Attendance and performance in lab (50%), Mid-semester research presentation at lab meeting (10%), Final research presentation at lab meeting (10%), Final written report (10%).

I have read the submitted project description and agree to assume all the responsibilities of a Faculty Mentor, as described above.

Mentor Signature: _____ Date: _____

Mentor Name: _____