

WCHP SUMMER UNDERGRADUTE RESEARCH FELLOWSHIP APPLICATION

INSTRUCTIONS: SUBMISSION DEADLINE: usually Feb 15

Fellowship Details:

The Westbrook College of Health Professions and the Office of Sponsored Programs are proud to offer Summer Undergraduate Research Fellowships for WCHP students. The fellowships, which are *highly* competitive, provide:

A stipend of \$436/week (full-time¹, 40 hrs/week, minimum 8 weeks, maximum 12 weeks)
\$200 for research supplies

No previous research experience is required. During the Fellowship, students work alongside a faculty mentor who has an ongoing research program. Using an apprenticeship model, students learn about research design, reading and interpreting research papers, as well as real-world data collection and analysis methods. Topics of the research vary widely but ALL projects must be ***hypothesis driven research***.

Applications for the Research Fellowships are completed online.

***** NEW IN 2019 *****

The following materials should be prepared ahead of time by the individuals indicated:

Faculty Mentor	Student Applicant
<ul style="list-style-type: none"> • Will provide, <u>in ONE word file</u>, the following <ol style="list-style-type: none"> 1. Research Plan <ul style="list-style-type: none"> ▪ Background & Significance, Aims/hypotheses, Approach/Methods (up to 2 pages) 2. Role that the student will play on the study and Activities in which the student will take part during the Fellowship (up to 1 page) 3. Time line of the summer research experience including: <ul style="list-style-type: none"> ▪ estimated direct student contact hours ▪ if faculty member will be on vacation or otherwise out of the office during the period of the research experience describe what the student will do during that time and who will supervise the student during that time 4. How the work fits into the faculty member's current or future line of research (up to 1 page) 5. Budget & Justification (up to \$200) 6. Date of IRB or IACUC approval or application submitted 	<ul style="list-style-type: none"> • Written statement explaining the student's: <ol style="list-style-type: none"> 1. Career Goals 2. Reason for wanting to participate in the WCHP Summer Research Fellowship • Unofficial college transcripts

¹ Students are expected to work a full 40 hour week. The hours of the work will be negotiated with the faculty mentor.

- | | |
|--|--|
| • Faculty Member's CV or NIH Biosketch | |
|--|--|

Student or Faculty mentor will upload the items listed above to an online application that can be found at: <http://www.une.edu/wchp/research/student/undergrad-fellowships>

Failure to include ALL of the information requested may result in rejection of the application.

Criteria for Evaluating WCHP Summer Undergraduate Research Fellowship Applications

The goals of the WCHP Summer Undergraduate Research Fellowships are to (1) provide undergraduate students exposure to biomedical research that informs the basic and clinical sciences of the health professions and (2) to support the research of faculty with ongoing or developing research programs.

As the summer fellowship is often the first exposure of an undergraduate student to the research process, students applying for a Summer Fellowship are not expected to *develop* a research study on their own. Rather they are expected to participate in the ongoing research of their faculty advisor(s). The application for a Fellowship should include a brief synopsis of the research project, written by the students who have spent time with their faculty advisor learning about the research in which they will be involved over the period of the fellowship. The description of the students' projects should be well defined and should include a short description of why the research is important, specific goals of the research project and testable hypotheses. Students should include a brief description of the proposed methods and expected outcome of the study. Faculty who will serve as the research mentor for the student should have expertise in the topic area of the student's proposed project. Evidence of expertise includes, but is not limited to, publication in the proposed area of study, special training in the area or equivalent evidence. The faculty mentor will provide a written description of how the student's proposed study will advance the faculty member's research program. Faculty who are starting to develop their own line of research may pair up with another faculty member with more experience mentoring student research to form a Co-Mentoring team. In that case, the team should provide a description of how the mentoring duties will be shared.

Application Scoring Criteria

Applicant			
Reason for wanting to do a research Fellowship (3 pts)	(2-3 points) Provides clear rationale for wanting to participate in a Fellowship (plans or is considering attending graduate school, research occupation)	(0-1 points) No clear rationale for wanting to participate in a Fellowship	
Academic Performance (GPA) (5 points)	(Accomplished: 4-5 points) GPA: 4.0-3.5	(Competent: 2-3 points) GPA: 3.499-3.00	(Developing: 0-1 points) GPA: < 3.0
Mentor(s) faculty may team up to mentor students			
Ongoing research program (5 pts)	Accomplished (4-5 pts) <ul style="list-style-type: none"> Ongoing research program (>1 publication per year at UNE) in the area of research proposed by the student; 	Competent (2-3 points) <ul style="list-style-type: none"> Ongoing research program (<1 publication per year at UNE) but >1 presentation per year in the area of research proposed by the student; 	Developing (0-1 points) <ul style="list-style-type: none"> Lacks publications or presentations in the area of research proposed by the student
Description of how the student's project fits into mentor(s)' ongoing research program (5 pts)	Accomplished (4-5 pts) <ul style="list-style-type: none"> Strong evidence of link between the student's proposed study and the mentor's ongoing area of research If relevant, clear description of how the mentoring team will share responsibilities 	Competent (2-3 points) <ul style="list-style-type: none"> Moderate evidence of link between the student's proposed study and the mentor's ongoing area of research If relevant, description of how the mentoring team will share responsibilities is vague and not clearly defined 	Developing (0-1 points) <ul style="list-style-type: none"> Weak evidence of link between the student's proposed study and the mentor's ongoing area of research If relevant, no description of how the mentoring team will share responsibilities is evident
Research Description (10 pts)	(Complete: 8-10 pts) Clearly describes the purpose, hypotheses, methods, and expected outcome, and content is well organized and written with language and terminology that is appropriate for a scientific proposal. Claims or assertions are appropriately referenced.	(Some information missing: 4-7 points) Describes the purpose, hypotheses, methods, and expected outcome adequately for the reviewer to understand, but content is poorly organized and some claims or assertions lack references	(substantial information missing: 1-3 points) Description of the purpose, hypotheses, methods, and expected outcome not well described. Content is poorly organized and no references are provided.