SCHULICH DENTISTRY - 2020 SUMMER STUDENT RESEARCH

SDROP provides an opportunity for students enrolled in the DDS program to contribute to clinical and basic science research. Each year, a limited number of studentships are awarded by competition.

In the past, some projects have not required the full 12 weeks to complete, or students have reduced availability due to clinic assignments. Therefore, faculty will have an option of reducing their project to a 10-week period (will be indicated on the project form).

- 10-week period - total stipend of $4,167
- 12-week period - total stipend of $5,000

The goals of this program are: 1) to promote student participation in dental research, 2) to have students present their results at national or international meetings, 3) to contribute to publications in peer-reviewed journals, and 4) to encourage students to consider careers in oral health research. There are many experienced students in dentistry that would be an asset to research.

All DDS Students (Years 1-3) and ITD Students (Year 1) are eligible to apply. Interested students should complete and electronically submit the Student Application form to Dentistry.Research@schulich.uwo.ca by January 17, 2020.

All Faculty associated with Schulich Dentistry are invited to submit one (or more) project proposals on the form supplied. Please send completed forms electronically to Dentistry.Research@schulich.uwo.ca in MS Word by December 20, 2019.

Due to inevitable budgetary constraints, not all PIs may be funded through the Summer Research Program and normally only one project per PI would be funded. However, in the past, summer research projects have been funded by the PI’s themselves or from external sources such as SROP, allowing more dental students the opportunity to engage in research. Therefore we would encourage all PI’s to apply for external funding.

APPLICATION PROCESS

**STEPS FOR STUDENTS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>January 17</td>
<td>Submit application/CV</td>
</tr>
<tr>
<td>After Jan 22</td>
<td>View faculty projects on OWL (restricted to student applicants)</td>
</tr>
<tr>
<td>Jan 27- Feb 7</td>
<td>Make an appointment and meet with faculty to discuss projects</td>
</tr>
<tr>
<td>Feb 17</td>
<td>Submit a preference form selecting a minimum of 3 projects of interest</td>
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**STEPS FOR FACULTY**

<table>
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<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Dec 20</td>
<td>Submit research projects (these will be posted on OWL)</td>
</tr>
<tr>
<td>After Jan 22</td>
<td>View student applications/CV on OWL (restricted to faculty applicants)</td>
</tr>
<tr>
<td>Jan 27- Feb 7</td>
<td>Meet with students interested in projects (they will make appointments)</td>
</tr>
<tr>
<td>Feb 17</td>
<td>Rank suitable students and submit preference form</td>
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Note: previous summer students can apply for support for a second year

Application forms (student and faculty project) are always available on our website

**MATCHING** of students and projects to be funded by the Summer Research Program will be completed by the Dentistry Research Committee.

* it is not always possible to give every student and supervisor their first choices
* Faculty should not promise an applicant the project (or give any indication of preference)

Research projects will be selected based on the following criteria: 1) Sound research hypothesis and methods, 2) Appropriate for student participation, 3) Significance of the research and likelihood of publication in a peer-reviewed journal, and 4) Evidence that the resources needed to perform the project are in place. Applications not meeting the above criteria will not be accepted.
TERMS OF THE AWARD:

A total stipend of $5,000 (for 12 weeks) will be paid to the student in accordance with the university’s regular monthly pay schedule. The stipend will be pro rata for students working a 10 week period. CPP, EI and Income Tax will not be deducted from the award; income tax will be reported on a yearly T4A form.

Expectations of Faculty/Students:
A few minor changes to the program have been made in response to surveys of past research students.

The Faculty Supervisor must be actively involved in the student’s project (initial planning, progress meetings and mentoring) for the duration of the project (ideally meeting with the student at least once a week). Another team member can be involved in the day-to-day direct supervision of the student. The student will be expected to work on the project full-time (35 hours per week) and be in attendance at the school during normal work hours on Monday-Friday. Students are not expected and should not work evenings or weekends unless there are exceptional circumstances and supervision is provided. Furthermore, it is expected that students present the data of their own studies at the research presentations with the understanding that data accumulated by others and included in the presentation, are properly cited/attributed.

Supervisors and students will agree on the dates for a 10 or 12-week work period. Time in between these dates may be booked off, and the work period extended (upon authorization of the Supervisor and Research Office). If faculty or students do not abide by these guidelines, the project and/or stipend may be reduced or terminated, and applicants will not be eligible for future participation. Note: It is mandatory all students participate in the two scheduled oral presentation dates and Research Day.

Safety - All members working in a lab must be properly trained and this training documented. The supervisor will advise the safety training required. Visit Western’s website for detailed information.

It is mandatory that students participate in two presentations:

June - prepare a 5-7 minute PowerPoint presentation that should primarily include project background information, and the specific objectives of the research.

August - prepare a 7-8 minute PowerPoint presentation that should include a brief project background and specific objectives, with focus on results and conclusions (to date) of the research.

Students will also be expected to present a poster at the Annual Research Day of Schulich Dentistry (usually early October). The top 2 student presentations on Research Day will receive a travel award to attend and present their work at either the Canadian Dental Association annual meeting or one of two American student research conferences held in 2021.

Participants may be contacted in the future as part of efforts to assess the outcomes of summer student research programs.

Participants authorize use of their name and picture to be used by Schulich School of Medicine & Dentistry.