Summer Research Opportunities for Dental Students: 2023

- [http://dental.case.edu/research](http://dental.case.edu/research) (click on student summer research on the menu)
Summer Research at SoDM: D–CODAS: Design, Collect, Organize, Describe, Analyze, Share

- participate in the process of scientific investigation;
- gain first-hand knowledge and experience with the methodology required for research;
- collect, analyze and interpret the project data under the guidance of their faculty mentor;
- present findings at local/national meetings
Program Structure

- 8-week, full-time commitment to project work
- Surveys, basic science, pre-clinical (materials), chart review
- Must have at least one SoDM mentor
- Shared projects are discouraged; share stipend and share travel
- **Attend the 2–3 summer research meetings**
- **Submit interim** (June 30) and final (July 30) progress report, documenting benchmarks.
- No outside, full-time work
Find a mentor; Outline a research idea

Your original idea or component of mentor research project***

Complete the application; Answer ALL of the questions; your role, timeline; IRB**

Respond to any questions or clarifications

Email the completed application to me, copied to mentor; DUE DATE

*** Projects are NOT to be assisting residents
Summer Research– Application

• Complete an application; see website for application details & format; email submission to me, mentor must be copied on email.

• Address all of the questions on the application Purpose/Objectives; Background; provide details on the Methods, how / where will the work be conducted, how will you analyze the data collected. Your role, timeline.

• The applications will be reviewed by members of the Research Committee.

• You may be asked for details/clarification
Your Responsibilities

- **Complete the project activities;** honor your time commitment. Communicate regularly with mentor.

- Get help with specific topics such as survey construction, data collection forms, etc.

- Let me know if you are having issues; delays of any kind; need to unexpectedly leave during the summer;
Mentors

- Faculty notified this week that students are seeking mentors – arranging for faculty presentations.
- No more than 2 students per mentor; ASK your mentor, check with me.
- Mentors will evaluate and sign off on your progress.

A good student mentee:
- identifies his/her needs and presents them to his/her mentor.
- is open-minded and ready to try the mentor’s advice.
- makes explicit requests for help.
- is honest and able to bring up any issue.
- respects and appreciates the mentor’s effort.
What makes a successful project?

- Scope – all or mostly accomplished by Aug 1.
- Having a dental school mentor – outside collaboration is permitted but if your project depends on outside activities out of your control…..
- Your interest & persistence

- Letting me know if you are having problems, delays
Human Subjects Research

- Special seminar about IRB submission and requirements in January for those interested in summer research

- Submit IRB documents as needed (human subjects approval) – start ASAP

- **Any project that requires IRB review will require you to complete the CITI (human subjects protection) certificate. Online course – free.**
  - See dental school website; Research; Research Support; Credentialing & Certification – scroll down to CITI program, Initial Certification, GROUP 2

- **Before final approval, you will need to provide**
  - Evidence of CITI course completion
  - IRB application submitted, if needed
  - If project is already approved, you need to be added on the IRB if using identifiable information.
Summer Stipend

Summer Stipend : Amount TBD

Paid in 2 installments; July 31 and August 31. 2nd payment after progress reports and mentor signs off.

Progress benchmarks:

Before June 30 and 1st payment: Lit review and background, expanded from the application; IRB if required; Develop a data collection tool, a draft data entry database; an analytic plan. These items should be included in Progress Report

Submit Final Report for second payment.
1) At this time, funding is not guaranteed, But strongly anticipated at 10 spots
2) Even if you choose to complete a project with no support, you still must complete an application.
3) Projects must be conducted under the same rules as coursework: masks, social distance if possible. Clinic-based projects are unlikely, but not impossible
4) Most likely projects will be lab-based work, surveys, secondary data analysis; a chart review.
5) You must complete the human subjects training (online and free – takes several hours) and fill out a conflict of interest form for any human subjects project.
6) The process for selecting representatives for national meeting (funded travel) will be a Fall (October, 2023) Professionals Day program.
7) See the Student Research Page for information. https://case.edu/dental/research/student-research
**Presentations**

To be considered for the SCADA award: present at Fall (October, 2023) Professionals Day. SCADA awardee must submit abstract and attend AADOCR in March 2024.

- You are expected to give an ORAL presentation at Professionals Day in October;
Travel

As of now, there is likely to be a couple of travel awards, but they will be competitive.

The SCADA winner receives external travel support for special projects in oral pathology or TMJ.

I hope to update this information;
1. Off campus project? No, meaning you cannot go home and conduct a project with another institution or outside mentor.

2. When conducted?
   generally, mid-May through July 30; some flexibility;

3. Shared projects?
   Highly discouraged; any stipends will be reduced/shared. Two students only. If there is travel money, it will only be for one person or also shared. Project responsibilities for each individual should still be clearly outlined.
March 13–16, 2024; New Orleans

Other possible meetings: ADEA, NOHC (public health);
QUESTIONS?

Email me with specific questions
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