

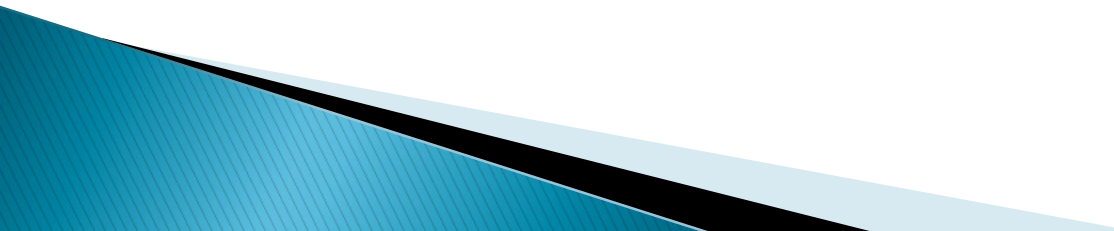


SCHOOL OF DENTAL MEDICINE
CASE WESTERN RESERVE
UNIVERSITY

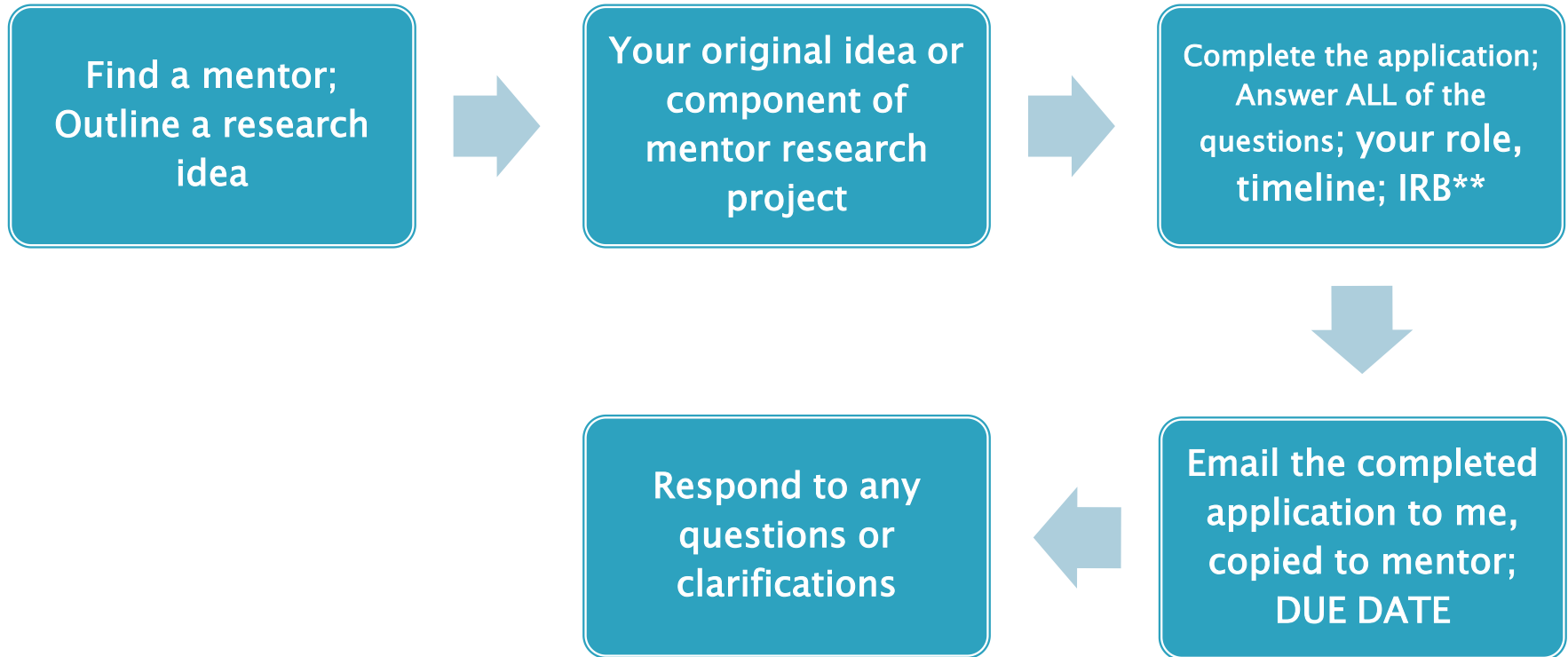
Summer Research Opportunities for Dental Students: 2022

- ▶ <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

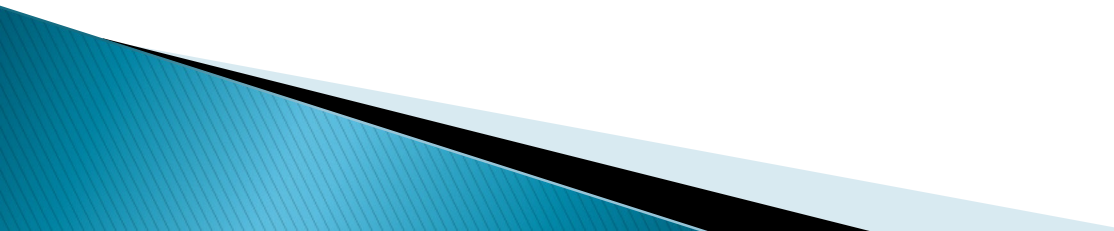
- ▶ participate in the process of scientific investigation;
 - ▶ gain first-hand knowledge and experience with the methodology required for research;
 - ▶ collect, analyze and interpret the project data under the guidance of their faculty mentor;
 - ▶ present findings at local/national meetings
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General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

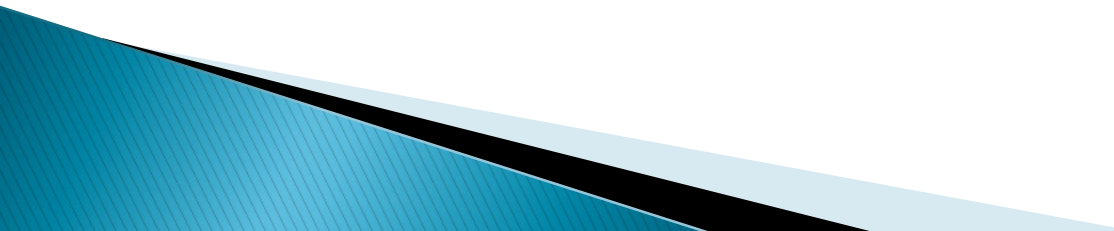


**DUE DATE is mid-March; immediately
after Spring break**

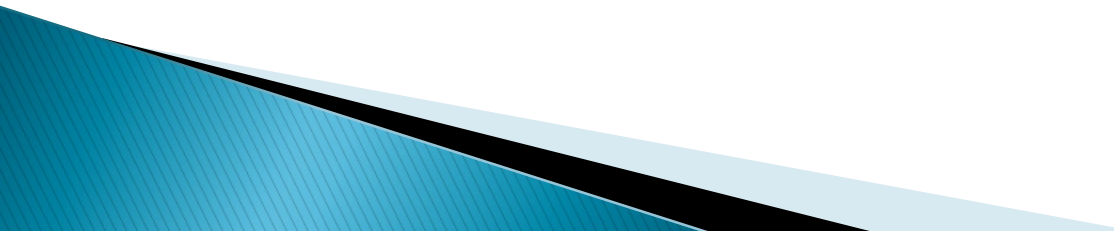
Summer Research– Application

- **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 Your role, timeline. Provide details on the Methods, how / where will the work be conducted, how will you analyze the data collected.**
 - **The applications will be reviewed by members of the Research Committee.**
 - **You may be asked for details/clarification**
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Program Structure

- ▶ 8-week, full-time commitment to project work
 - ▶ No outside, full-time work
 - ▶ Where the work is conducted depends on mentor; must have at least one SODM mentor
 - ▶ **Attend the 2-3 summer research meetings**
 - ▶ **Submit interim (June, 30) and final (July 30) progress report, documenting benchmarks.**
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Your Responsibilities

- **Complete the project activities;** honor your time commitment. Communicate with mentor regarding your academic time obligation.
 - 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 is notified this week that students are seeking mentors
- ▶ 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

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 ?

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; Progress report

Submit final report for second payment.

Key Points for 2022

- 1) At this time, funding is not guaranteed. There are several possibilities for stipend structure;
- 2) Even if you choose to complete a project with no support, you still must complete an application.
- 3) The timeline for projects will be more flexible.
- 4) Projects must be conducted under the same rules as coursework: masks, social distance if possible. Clinic-based projects are unlikely.
- 5) The most likely projects to consider will be lab-based work, anonymous surveys, secondary data analysis; a chart review if the mentor has a currently active IRB to which you would be added.
- 6) 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.
- 7) The process for selecting representatives for national meeting (funded travel) will be a Fall (October, 2021) Professional's Day program.
- 8) 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, 2022) Professional's Day. SCADA awardee must submit abstract and attend AADR in March 2023.

- **You are expected to give an ORAL presentation at Professional's Day in October;**

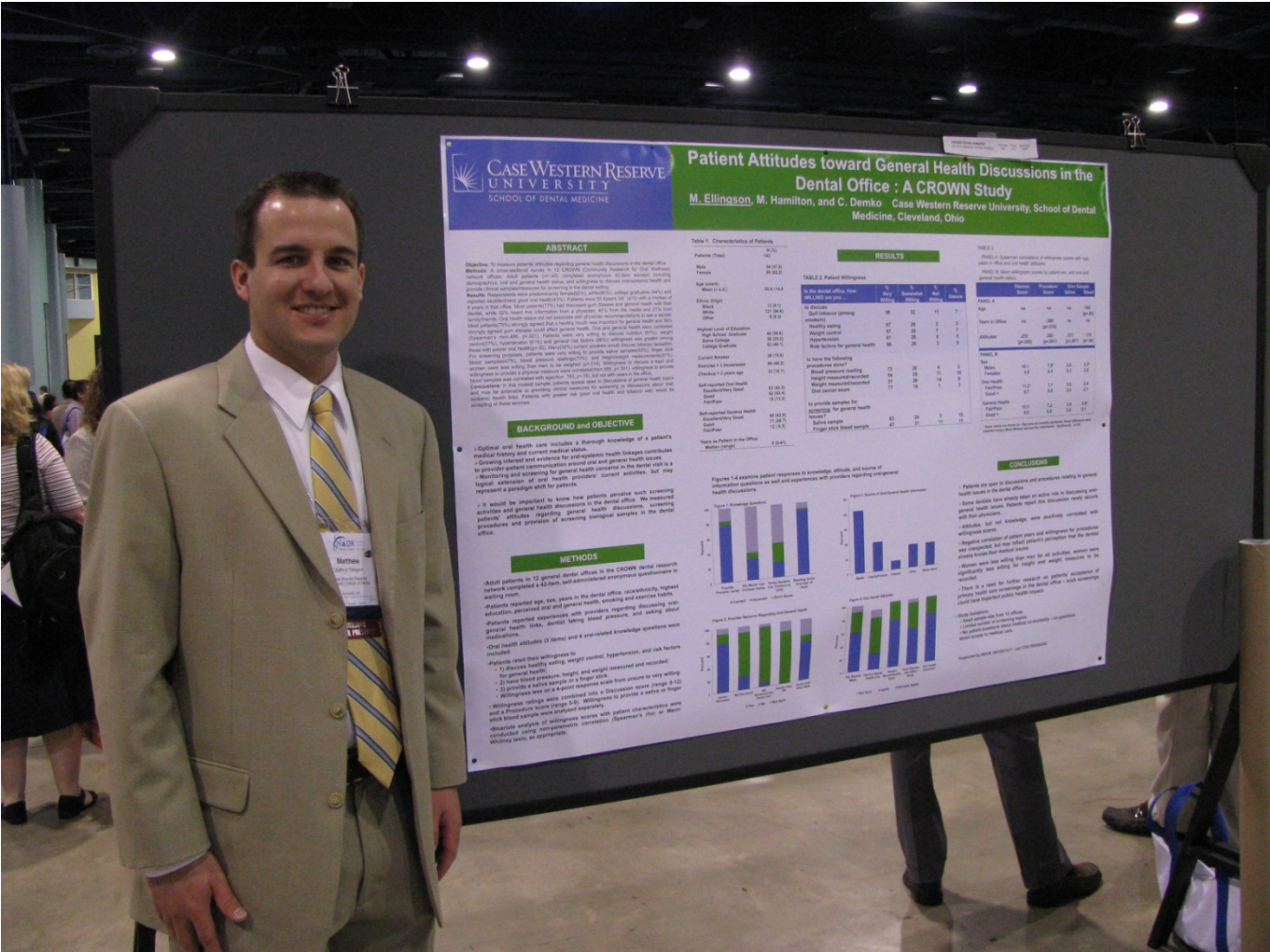
Travel

Travel; As of now, there is no travel support except:

The SCADA winner receives external travel support

Special projects in oral pathology or TMJ

I hope to update this information; competitive travel award



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Patient Attitudes toward General Health Discussions in the Dental Office: A CROWN Study

M. Ellingson, M. Hamilton, and C. Demko Case Western Reserve University, School of Dental Medicine, Cleveland, Ohio

ABSTRACT

Objective: To measure patient attitudes regarding general health discussions in the dental office. **Methods:** A cross-sectional survey in 12 CROWN (Cleveland, Reserve) dental offices. **Results:** Respondents were predominantly female (75%), white (92%), college graduate (94%), and reported participating in general health discussions. Patients were 50 years old, 20% were in regular dental care. Adult patients, female patients, patients with regular dental care, patients with higher education, and patients with higher income were more likely to participate in general health discussions. Patients were more likely to participate in general health discussions if they were asked to do so by the dentist. Patients were more likely to participate in general health discussions if they were asked to do so by the dentist. Patients were more likely to participate in general health discussions if they were asked to do so by the dentist. Patients were more likely to participate in general health discussions if they were asked to do so by the dentist.

BACKGROUND AND OBJECTIVE:

- Optimal oral health care includes a thorough knowledge of a patient's medical history and current medical status.
- Growing interest and evidence for the benefits of health linkage contributes to providing patient-centered care.
- Monitoring and assessing the general health concerns in the dental office is a logical extension of oral health provider current activities, but may represent a paradigm shift for general health.

METHODS:

Adult patients in 12 general dental offices in the CROWN dental research network completed a 4-item, self-administered anonymous questionnaire in waiting rooms.

Patients reported age, sex, years in the dental office, responsibility, highest education, perceived oral and general health, smoking and exercise habits, frequency of general health discussions with providers regarding discussing oral and general health links, dentist having blood pressure, and asking about general health links.

Oral health attitudes (3 items) and 4 oral-related knowledge questions were also assessed.

Patients rated their willingness to:

- 1) discuss healthy eating, weight control, hypertension, and risk factors associated with general health.
- 2) have blood pressure, height, and weight measured and recorded.
- 3) provide a service request or blood sample.

Willingness was on a 5-point response scale from unsure to very willing.

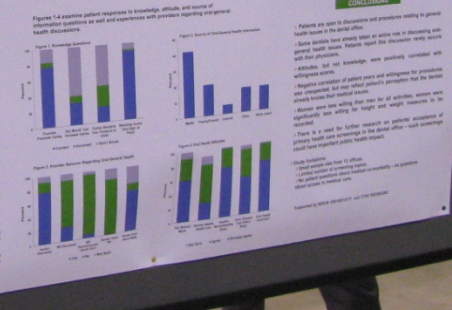
Willingness ratings were combined into a Discussion score range of 0-12.

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Table 1. Characteristics of Patients

Characteristic	n (%)
Female (n=102)	102 (94.1)
Male	6 (5.9)
Mean Age	50.0 (SD 16.0)
Age Range	18-104
White	92 (85.3)
Black	10 (9.3)
Hispanic	10 (9.3)
Other	0
High School Graduate	60 (55.8)
Some College	30 (27.8)
College Graduate	12 (11.2)
Postgraduate	0
Current Smoker	20 (18.6)
Former Smoker	82 (76.4)
Never Smoker	0
Self-reported Oral Health	60 (55.8)
Excellent/Very Good	12 (11.2)
Good	18 (16.7)
Fair	18 (16.7)
Poor	12 (11.2)
Very Poor	0
Years in Practice in the Office	12 (11.2)
Mean (SD)	12.0 (8.0)



CONCLUSIONS

Patients are open to discussion and procedures leading to general health care in the dental office.

Some patients may require more education and support in discussing oral and general health links. Patients report the discussion was most useful when:

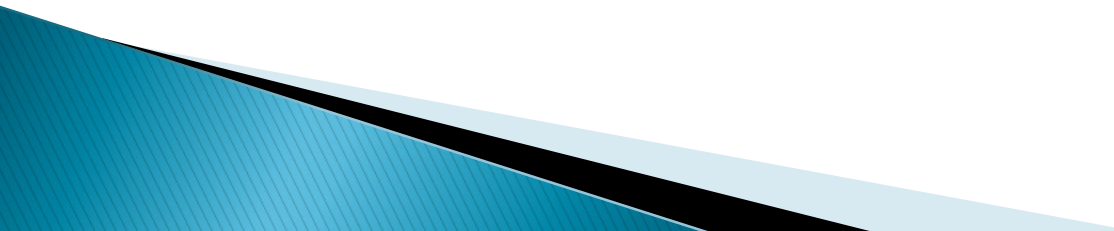
- Initiated, but not knowledge were previously controlled with written notes.
- Involved a combination of patient care and education for prevention and control of oral and general health.
- Involved oral and general health links.
- Involved oral and general health links.
- Involved oral and general health links.

There is a need for further research on patient attitudes of general health care in the dental office. Such research should include patient attitudes toward general health discussions.

Study limitations:

- Small sample size (n=108).
- Self-reported data.
- Not all patients were asked to participate.
- Not all patients were asked to participate.

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
- 

FAQs

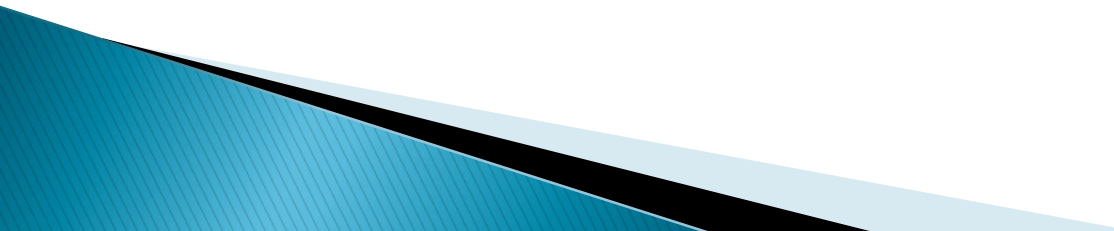
1. Off campus project? No

2. When conducted?

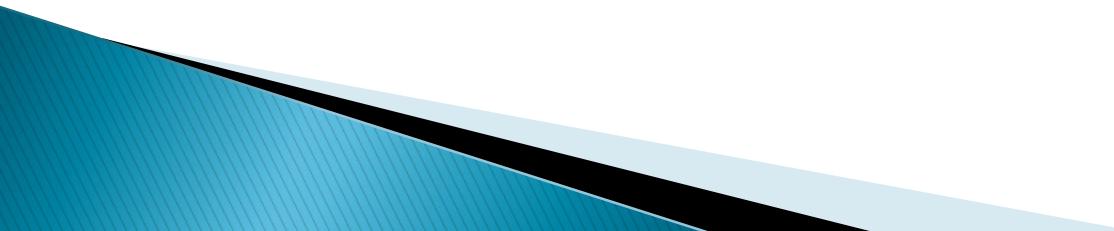
generally, mid-May through July 30; some flexibility;

3. Shared projects?

Maybe, BUT 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.



2023 AADR

- ▶ Portland, OR March 15, 2023
 - ▶ Other possible meetings:
ADEA, NOHC (public health);
- 

▶ QUESTIONS?