

**University of Puerto Rico  
Medical Sciences Campus  
School of Dentistry**

**Course Title:** Research Experiences in Dentistry

**Codification:** DESP 7411

**Contact Hours:** Variable (36 to 60 hours)

**Faculty:** Researchers UPR School of Dentistry or other dental schools or research Institutions in the United States and other countries

**Information Regarding the Origin of the Course:**

Kathleen E. Crespo Kebler M.S. Ed.D.  
Professor

**DESCRIPTION**

This course provides dental students the opportunity to explore a variety of research experiences. These experiences include activities in research laboratories, dental schools or other institutions in Puerto Rico, the United States or other countries. Knowledge and skills in research methods are developed through active participation in research activities under the supervision of a mentor.

**COMPETENCY**

Value the role of life long learning, self-assessment, and critical thinking as an integral part of professional behavior.

**OUTCOME**

Develop an interest in a research or academic career.

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**TERMINAL OBJECTIVES**

Upon completion of the course the student will have:

1. Conducted a literature review.
2. Applied skills in research methods.
3. Participated in data collection.
4. Participated in the analysis of data.
5. Prepared an abstract and presentation of a research protocol or findings.
6. Prepared a research publication.

**CONTENT OUTLINE**

<b>TOPIC</b>	<b>HOURS</b>
I. Review of the Literature	6-10
II. Human Rights Protection	2
III. Research Design and Methods	2-6
IV. Data Collection	12-16
V. Data Analysis	12-14
VI. Reporting of Data	2-12
1. Abstract/Presentation	
2. Manuscript	

**INSTRUCTIONAL STRATEGIES**

This course is conducted by means of a research internship under the supervision of a mentor.

Students will apply to a research internship program and will be assigned a mentor once accepted. Students will participate in various stages of the research process, including the development of a research proposal and or the data collection and analysis stage. Students will be assigned to different activities according to the specific research being conducted by his/her

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mentor.

**RESOURCES**

1. Laboratory or clinical research facilities and equipment
2. Computer equipment, statistical software and internet connection
3. Library

**EVALUATION**

Students completing 36 hours will be evaluated by their mentor according to the following criteria:

1. Participation in research activities 40%
2. Oral or poster presentation 60%

Students completing 60 hours will be evaluated by their mentor according to the following criteria:

1. Participation in research activities 30%
2. Oral or poster presentation 30%
3. Manuscript preparation 40%

Grading will be awarded according to:

<b>TOTAL SCORE</b>	<b>GRADE</b>
90 - 100	A
80 - 89	B
70 - 79	C
BELOW 69	F

Any student presenting with a health condition or situation that according to the law qualifies for reasonable accommodation, has the right to submit an application in writing to the professor and the Dean of the Faculty, following the established procedure in the document **Submittal Process for Reasonable Accommodation of the Medical Sciences Campus**. A free copy of this document may be obtained at the Deanship for Student Affairs, second floor Pharmacy building, phone 758-2525 extension 5203, at each Faculty, as well as in the MSC web page. The application does not include an exemption to comply with the academic requirements of the study programs at the Medical Sciences Campus.

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**BIBLIOGRAPHY**

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